

Domnule Director de Departament

Subsemnatul Bogdan Constantin NEAGU, cadru didactic al Universității Tehnice „Gheorghe Asachi” din Iași cu funcția actuală de conferențiar universitar, în cadrul Departamentului de Energetică, prin prezenta, vă rog să binevoiți a aproba înscrierea la concursul pentru acordarea gradației de merit pentru perioada 2025 – 2030, pe unul din locurile repartizate Departamentului de Energetică, conform Procedurii privind acordarea gradațiilor de merit pentru personalul didactic titular din cadrul Universității Tehnice „Gheorghe Asachi” din Iași, PO.DID.11.

Data,

10 octombrie 2025

Semnătura,

Conf.dr.ing. Bogdan Constantin Neagu



RAPORT DE AUTOEVALUARE A ACTIVITĂȚII PENTRU PERIOADA 2020 - 2024

perioada de evaluare corespunzătoare Procedurii de evaluare a cadrelor didactice de către structurile de management, cod TUIAȘI.POB.12

Numele și prenumele: **NEAGU Bogdan-Constantin**

Funcția didactică: conferențiar universitar

Facultatea de Inginerie Electrică, Energetică și Informatică Aplicată / Departamentul de Energetică

Criteriul 1. Activitatea didactică

Indicatori de performanță	2020	2021	2022	2023	2024	Media	Suma
1.1. Predare discipline/ cursuri noi în planul de învățământ, pe direcții neelaborate anterior (se punctează nr. de discipline noi)	125	140	140	180	40	125	625
1.2. Elaborare manuale universitare (inclusiv în sistem e-learning)	252	283.3	283.3	196.3	31.3	209.24	1046.2
1.3. Elaborare suporturi de cursuri, seminarii, laboratoare, proiecte	68.36	68.4	68.4	45.35	22.94	54.69	273.45
1.4. Elaborare manuale și alte materiale pentru învățământul preuniversitar	0	0	0	0	0	0	0
1.5. Modernizare tehnologie didactică din alte surse decât din cele publice (donații, sponsorizări etc.)	470.27	512.08	785.19	1053.35	905.89	745.356	3726.78
TOTAL	915.63	1003.78	1276.89	1475.00	1000.13	1134.29	5671.43

Criteriul 2. Activitatea de cercetare științifică

Indicatori de performanță	2020	2021	2022	2023	2024	Media	Suma
2.1. Elaborare cărți/ monografii/ tratate	123.12	133.95	129.2	118.21	78.82	116.66	583.3
2.2. Articole publicate în reviste de specialitate	305.47	481.04	836.89	1032.35	1078.08	746.77	3733.83
2.3. Conferințe invitate/ lucrări de sinteză prezentate la manifestări organizate sub egide științifice recunoscute, lucrări comunicate	0	7.5	7.5	7.5	37.5	12	60
2.4. Lucrări publicate în volumele conferințelor	259.73	238.33	315.06	205.39	193.81	242.464	1212.32
2.5. Brevete acordate, produse omologate	0	0	0	0	0	0	0
2.6. Proiecte/ Contracte/ Granturi de cercetare-dezvoltare câștigate prin competiție	244.89	244.49	116.95	0	0	121.266	606.33
2.7. Proiecte/ Contracte/ Granturi de cercetare-dezvoltare încheiate cu institute de cercetare, companii, regii, societăți comerciale	0	0	0	11.12	0	2.224	11.12
2.8. Creații de arhitectură, urbanism, restaurări, design și arte plastice efectuate prin Universitate	0	0	0	0	0	0	0
2.9. Citări în reviste cotate ISI sau indexate în baze de date internaționale (BDI)	542	1003	1508	1539	3014	1521.20	7606
2.10. Finalizare teză de doctorat	0	0	0	0	0	0	0
2.11. Elaborare standarde	0	0	0	0	0	0	0
TOTAL	1475.21	2108.31	2913.6	2913.57	4402.21	2762.58	13812.9

Criteriul 3. Recunoașterea națională și internațională

Indicatori de performanță	2020	2021	2022	2023	2024	Media	Suma
3.1. Profesor invitat pentru prelegeri la univ. de prestigiu	5	10	15	15	15	12	60
3.2. Membru în academii (Academia Română, Academia de Științe Tehnice, Academia de Științe Agricole și Silvici, Academia Oamenilor de Știință etc.)	0	0	0	0	0	0	0
3.3. Doctor Honoris Causa	0	0	0	0	0	0	0
3.4. Membru în societăți științifice și profesionale (AGIR, asociațiile absolvenților etc.)	60	60	60	60	65	61	305
3.5. Membru în comisii de doctorat	16	18	19	19	33	21.00	105
3.6. Membru în colective de redacție ale revistelor	60	100	100	80	80	84.00	420
3.7. Membru în comitete științifice naționale/ internaționale/ de program (la congrese, conferințe etc.)	65	105	55	85	90	80	400
3.8. Membru în echipe de expertizare / evaluare a cercetării științifice (proiecte CNCS, PNCDI II, FP7, Phare; centre de cercetare etc.)	10	0	0	0	0	2.00	10
3.9. Membru în echipe de expertizare (evaluare) a procesului educațional (ARACIS, EUA etc.)	0	0	0	0	0	0	0
3.10. Membru în consilii naționale de specialitate	0	0	15	15	15	9	45
3.11. Organizator de manifestări științifice naționale / internaționale / sesiuni invitate	40	40	10	10	30	26	130
3.12. Referent științific / expert național și internațional (pentru reviste, congrese etc.)	900	1267	1202	610	339	863.6	4318
3.13. Membru în comisii de concurs pentru posturi didactice universitare	0	0	0	8	5	2.6	13
3.14. Membru în juri, comisii, concursuri profesionale	5	5	5	5	15	7	35
3.15. Cercetător invitat pentru activități de cercetare în universități/firme de prestigiu	0	0	0	0	0	0	0
3.16. Cadru didactic invitat în programe ERASMUS (prelegeri)	0	0	5	5	5	3.00	15
3.17. Cadru didactic care gestionează acorduri bilaterale ERASMUS	0	0	0	0	0	0	0
3.18. Premii	160	100	70	160	0	98	490
TOTAL	1321	1705	1556	1072	692	1269.20	6346

Criteriul 4. Activitatea cu studenții

Indicatori de performanță	2020	2021	2022	2023	2024	Media	Suma
4.1. Conducere cercuri științifice studențești	0	12	12	12	24	12	60
4.2. Pregătire pentru concursuri profesionale (pentru fazele națională și internațională)	70	58	93	170	202	118.60	593
4.3. Conducere lucrări de absolvire ²⁾ , licență (diplomă), disertație, doctorat ((inclusiv cotutelă, membri în echipa de îndrumare)	51	44	40	44	37	43.2	216
4.4. Îndrumare ani de studii	10	10	10	10	5	9	45
4.5. Organizarea de excursii de studii, prezentarea ofertei educaționale a universității în licee	0	0	65	65	75	41.00	205
4.6. Activități cu studenți ERASMUS	0	0	5	5	5	3.00	15
TOTAL	131	124	225	306	348	226.8	1134

Criteriul 5. Activitatea în comunitatea academică

Indicatori de performanță	2020	2021	2022	2023	2024	Media	Suma
5.1. Participare la mese rotunde, dezbateri organizate la nivelul facultății/ universității etc.	2	5	15	14	14	10.00	50
5.2. Activitate în comisii	90	90	101	101	50	86.40	432
5.3. Coordonare programe de studii de licență/ masterat/ postuniversitare de formare continuă	10	15	15	15	15	14.00	70
TOTAL	102	110	131	130	79	110.40	552

Criteriul 6. Evaluarea de către Directorul de Departament

2020	2021	2022	2023	2024	Media	Suma
50	50	50	50	50	50	250

TOTAL PUNCTAJ

Indicatori de performanță	2020	2021	2022	2023	2024	Media	Suma
Activitatea didactica	915.63	1003.78	1276.89	1475	1000.13	1134.286	5671.43
Activitatea de cercetare stiintifica	1475.21	2108.31	2913.6	2913.57	4402.21	2762.58	13812.9
Recunoasterea nationala si internationala	1321	1705	1556	1072	692	1269.2	6346
Acticitatea cu studentii	131	124	225	306	348	226.8	1134
Activitatea in comunitatea academica	102	110	131	130	79	110.4	552
Evaluarea de Directorul de Departament	50	50	50	50	50	50	250
TOTAL	3994.84	5101.09	6152.49	5946.57	6571.34	5553.266	27766.33

Detalierea modului de raportare a punctajului este date în Fișele de autoevaluare și de evaluare de către directorul de departament, depuse la dosar. Toate criteriile de performanță au fost îndeplinite în fiecare an din perioada 2020 – 2024, valorile fiind cu mult peste minimul impus de către universitate.

Punctajul din Fișa de verificare a îndeplinirii standardelor minime obligatorii, naționale și ale Universității Tehnice „Gheorghe Asachi” din Iași, pentru funcția de conferențiar, la data depunerii cererii sunt date în tabelul de mai jos și sunt explicitate în fișa depusă la dosar :

Nr crt.	Domeniul de activitate	Conditii Conferențiar	Punctaj obtinut
1	Activitate didactica/profesionala (A1)	60	671.11
2	Activitate de cercetare (A2)	180	1889.97
3	Recunoasterea si impactul activitatii (A3)	60	6164.27
TOTAL (puncte)		300	8725.34

Standardul minimal al universității SMU.PROF.1 – Activitatea didactică

Standardul minimal al universității SMU.PROF.1 – Activitatea didactică	Indicatori de performanță		Realizări (se trec cifrele de ordine ale realizărilor cuprinse în lista de lucrări, iar, după caz, celelalte realizări se nominalizează explicit)	Punctaj	Număr impus de realizări	Număr de realizări ale candidatului	Număr puncte
Valoarea contribuțiilor la dezvoltarea activităților didactice/ profesionale, cu referire distinctă la realizările după acordarea ultimului titlu didactic/grad profesional prin cărți publicate în edituri recunoscute, capitole teoretice redactate, sisteme de laborator funcționale, metode de lucru avansate aplicate etc. - după caz.	Ca	Carte/ curs/ manual publicată în străinătate	Ca1. Gheorghe Grigoraș, Bogdan Neagu , Ovidiu Ivanov, Mihai Gavrilas, Florina Scarlatache, Smart Meter Data-based Strategies in the Optimal Operation of Electric Distribution Systems, Lambert Academic Publishing, Riga, Lituania, 264 pg. (76 pg. Neagu), 2019, 978-620-0-50306-0 (1.2x8x76/100=7.30) Ca2. Gheorghe Grigoraș, Florina Scarlatache, Bogdan-Constantin Neagu , Clustering in Power Systems. Applications, Lambert Academic Publishing, Germania, 264 pg. (54 pg. Neagu), 2016, ISBN: 978-3-330-01545-6. (1.2x8x54/100=5.18) Ca3. Mihai Gavrilas, Bogdan-Constantin Neagu , Enhanced metaheuristic search algorithms. Applications in the management of electricity distribution systems, LAP Lambert Academic Publishing, ISBN 978-620-2-51263-3, Riga, Latvia, 2020. (2x8x140/(100/2) =6,72)	8	-	3	19.20
		Capitol carte/ curs/ manual publicat în străinătate	Ca1. Gheorghe Grigoraș, Bogdan Neagu , Florina Scarlatache, Data Mining-Based Approaches in the Power Quality Analysis, Capitolul 5 in cartea Smart Grids 3.0, Editori: Bhargav Appasani si Nicu Bizon, Springer International Publishing, Switzerland, 2023,ISBN: ISBN-13: 9783031385056 (1.2x6x28/(3x100)=0.62) 2. Bogdan Neagu , Gheorghe Grigoraș, Florina Scarlatache, Engineering Applications of Crowdsourcing Concept in Active Distribution Grids, Capitolul 3 in cartea Smart Grids 3.0, Editori: Bhargav Appasani si Nicu Bizon, Springer International Publishing, Switzerland, 2023,ISBN: ISBN-13: 9783031385056 (1.2x6x20/(100x3)=0.48) 3. Gheorghe Grigoras, Bogdan-Constantin Neagu , Livia Noroc, Ecaterina Chelaru, New Smart Devices-Based Strategies for Optimal Planning and Operation of Active Electric Distribution Networks, Capitolul 10 in cartea Power System Strength Evaluation methods, best practice, case studies, and applications, Editori: Hassan Haes Alhelou, Nasser Hosseinzadeh, Behrooz Bahrani, The Institution of Engineering and Technology, UK, 2024, ISBN-13: 978-1-83953-807-0 (1.2x6x34/(100x4)=0.61) 4. Bogdan Neagu , Mihai Gavrilas, Ovidiu Ivanov, Gheorghe Grigoraș, The Crowdsourcing Concept-Based Data Mining Approach Applied in Prosumer Microgrids, Capitol in cartea The Future of Data Mining, Editor: Cem Ufuk Baytar, Nova Science Publishers, USA, 2022, 77–94 ISBN: 979-8-88697-315-0	6	-	12	9.76

			(1.2x6x18/(100x4)=0.32) 5. Gheorghe Grigoraş, Bogdan Neagu, Regression Analysis-Based Load Modelling for Electric Distribution Networks, Capitol in cartea Numerical Methods for Energy Applications, Editori: Naser Mahdavi Tabatabaei, Nicu Bizon, Springer International Publishing, Switzerland, 2021, ISBN: 978-3-030-62190-2 (1.2x6x27/(100x2)=0.97) 6. Bogdan Neagu, Gheorghe Grigoraş, Decision-Making Strategies with Clustering Based Unsupervised Learning for Smart Grids Planning, Capitol in cartea An Introduction to Approaches and Modern Applications with Ensemble Learning, Editor: Yi-Tung Chan, Nova Science Publishers, USA, 2020, ISBN: 978-1-53618-680-2 (1.2x6x40/(100x2)=1.44) 7. Bogdan-Constantin Neagu, Mihai Gavrilăş, Optimal Placement of Energy Storage Systems in Prosumer Microgrids, Capitolul 7 in cartea Advances in Engineering Research, Editor Victoria M. Petrova, Nova Science Publishers, USA, 2020, pp. 253 – 273, ISBN: 978-1-53618-508-9 (1.2x6x20/(100x2)=0.72) 8. Gheorghe Grigoraş, Ovidiu Ivanov, Bogdan Neagu, Pragma Kar, Smart Metering Based Strategies for Improving Energy Efficiency in Microgrid, Capitol in cartea Microgrid Architectures, Control and Protection Methods, Editori: Naser Mahdavi Tabatabaei, Ersan Kabalci, Nicu Bizon, Springer International Publishing, Switzerland, pp. 463 – 490, 2020, ISBN: 978-3-030-23722-6. (1.2x6x28/(100x4)=0.5) 9. Bogdan Neagu, Gheorghe Grigoraş, Ovidiu Ivanov, The Optimal Operation of Active Distribution Networks based on Smart Metering, Capitol in cartea Advanced Communication and Control Methods for Future Smartgrid, Editor: Taha Selim Ustun, IntechOpen, Londra, UK, 2019, ISBN: 978-1-78984-105-3 (1.2x6x24/(100x3)=0.58) 10. Bogdan-Constantin Neagu, Gheorghe Grigoraş, The Assessment of Power Quality in Electric Distribution Systems from Romania, capitol in cartea Advances in Energy Research, Editor Morena J. Acosta, Nova Science Publishers, USA, pp. 157 – 211, 55 pg., 2017, ISBN: 978-1-53612-699-0. (1.2x6x55/(2x100)=1.98) 11. Eduard Lunca, Bogdan-Constantin Neagu, Silviu Vornicu, Finite Element Analysis of Electromagnetic Fields Emitted by Overhead High-Voltage Power Lines, In Numerical Methods for Energy Applications, Editori: Naser Mahdavi Tabatabaei, Nicu Bizon, Springer International Publishing, Switzerland, Capitolul 29, 2021, ISBN: 978-3-030-62190-2. (1.2x6x26/(100/3)=2.45) 12. Grigoras, G., Neagu, BC. (2025). Explainable Artificial Intelligence for Decision-Making Processes in Active Distribution Grids. In: Bizon, N., Appasani, B. (eds) Explainable Artificial				
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			Intelligence for Trustworthy Decisions in Smart Applications. Springer, Cham. https://doi.org/10.1007/978-3-031-97007-8_9 . (1.2x6x25/(100/2)=0.90)				
	Carte/ curs/ manual publicată în editură recunoscută CNCS (unic/ prim autor sau co-autor)	1. Bogdan-Constantin Neagu , Gheorghe Georgescu, Strategia planificării sistemelor de distribuție, vol. 1, Editura PIM, Iași, Romania, 2017, ISBN 978-606-13-3994-5 (290 pag. Neagu B.C.). (5x290/(2x100)=7.25) 2. Gheorghe Georgescu, Bogdan-Constantin Neagu , Proiectarea și exploatarea asistată de calculator a sistemelor publice de repartiție și distribuție a energiei electrice, Vol. 1, partea I-a, Ed. Fundației Academice AXIS, Iași, 2010, (452 pag), ISBN 978-973-7742-87-2. (5x210/(100)=11.3) 3. Gheorghe Georgescu, Bogdan-Constantin Neagu , Romeo Ciobanu, Proiectarea și exploatarea asistată de calculator a sistemelor publice de repartiție și distribuție a energiei electrice, Vol. 1, partea a-II-a, Ed. Pim, Iași, 2011, (586 pag), ISBN 978-606-13-0148-5. (5x586/(100/3)=9.72) 4. Gheorghe Georgescu, Bogdan-Constantin Neagu , Proiectarea și exploatarea asistată de calculator a sistemelor publice de repartiție și distribuție a energiei electrice, Vol. 2, Editura Pim, Iași, 2012, (566 pag.), ISBN 978-606-13-088-6-6. (5x566/(100/2)=14.15) 5. Gheorghe Georgescu, Bogdan-Constantin Neagu , Analiza regimurilor permanente de funcționare ale rețelelor electrice din sistemul electroenergetic, Vol. 1, Ed. PIM, Iași, 2014, (568 pag), ISBN 978-606-13-2127-8. (5x568/(2x100)=14.2) 6. Gheorghe Georgescu, Bogdan-Constantin Neagu , Analiza regimurilor permanente de funcționare ale rețelelor electrice din sistemul electroenergetic, Vol. 2, Ed. PIM, Iași, 2014, (596 pag), ISBN 978-606-13-2128-5. (5x596/(2x100)=14.9)	5	1	6	71.52	
	Capitol curs/ manual publicat în editură recunoscută CNCS	Ivas Dumitru, Bogdan-Constantin Neagu , Atudori Monica, 100 de ani de învățământ electrotehnic la Iași, capitol în cartea Formarea specialiștilor sistemului energiei electrice si termice din Romania, coord. Zonel Vasiliu, Editura AGIR, București, Romania, 2017, ISBN 978-973-720-680-0, (103 pag. Neagu B.C.). (3x103/(100)=3.09)	3	-	-	3.09	
I	Îndrumar/ culegere de probleme (publicat sau disponibil pe Web)	1. Bogdan-Constantin Neagu , Transportul și distribuția energiei electrice II. Lucrări de laborator bazate pe simulări software, Editura PIM, Iași, Romania, 2021, ISBN 978-606-13-5340-8.. (4x128/(100)=5.12) 2. Bogdan-Constantin Neagu , Transportul și distribuția energiei electrice. Lucrări practice de laborator, Publicare online, Iași, 2018, http://iota.ee.tuiasi.ro/~bogdan.neagu/laboratoare.html (346 pag). (4x346/(100)=4.24) 3. Bogdan-Constantin Neagu , Transportul și distribuția energiei electrice. Analiza asistata de calculator, Publicare online, Iași, 2018, http://iota.ee.tuiasi.ro/~bogdan.neagu/soft.html (234 pag). (4x234/(100)=9.36)	4	1	3	28.32	

	D	Sisteme de laborator funcționale (numai pentru disciplinele prevăzute cu lucrări de laborator)	Amenajare lucrare nouă de laborator cu instalație experimentală		2	2	9	13.5
			Amenajare e/ conceper e lucrare nouă de laborator/ proiect/ simulare pe calculator / studiu de caz	1. Calculul regimului permanent utilizând metoda tensiunilor nodale (soft C#). 2.Modelarea consumatorilor din nodurile sistemelor de distribuție a energiei electrice(soft Matlab). 3.Determinarea configurației optime ale rețelelor electrice de distribuție arborescente (soft C#). 4.Optimizarea traseelor rețelelor de distribuție utilizând teoria grafurilor (soft C#). 5.Monitorizarea sarcinilor electrice prin utilizarea contoarelor inteligente (soft LabView). 6.Calculul indicatorilor caracteristici ai curbelor de sarcină (soft Python). 7.Calculul pierderilor de putere și energie în rețelele de distribuție (soft Delphi). 8.Determinarea parametrilor caracteristici ai regimului deformant (soft C#). 9.Determinarea sagetii conductoarelor active într-o deschidere (soft C#)	1.5			
	W	Utilizarea sistemelor de predare/ învățare/ evaluare de tip e-learning/ on-line/ multimedia etc.	Suport de studiu/ autoinstruire pe Web pentru seminar, laborator, proiect (integral pentru o disciplină)	1. Bogdan-Constantin Neagu, Management energetic Gestiunea Energiei, 420 pag, (http://www.efen.ieceia.tuiasi.ro/curs_manager): 2. Bogdan-Constantin Neagu, Management energetic Audit Termoenergetic, 364 pag, (http://www.efen.ieceia.tuiasi.ro/curs_manager): 3. Bogdan-Constantin Neagu, Management energetic Audit Electroenergetic, 383 pag, (http://www.efen.ieceia.tuiasi.ro/curs_manager):	1	1	4	14.51
			Suport de prezentare / instruire text/ video/ audio/ ppt a disciplinei	1. Bogdan-Constantin Neagu, Transportul și Distribuția Energiei Electrice, Suport de curs (prezentari PowerPoint), 284 pag. www.bogdan-neagu.ieceia.tuiasi.ro/didactic/tdee	1			
Total puncte SMU.PROF.1 (min. 16) 159.89								

Data: 13 octombrie 2025

Conf.univ.dr.ing. Bogdan-Constantin NEAGU

GRILA DE EVALUARE PENTRU ACORDAREA GRADAȚIEI DE MERIT PERSONALULUI DIDACTIC

Numele și prenumele: Bogdan Constantin Neagu

Funcția didactică: Conf. univ. dr. ing.

Departamentul: Energetică

Criteriu	2020	2021	2022	2023	2024	Medie
C1 – Activitate didactică	915.63	1003.78	1276.89	1475	1000.13	
C2 – Cercetarea științifică	1475.21	2108.31	2913.6	2913.57	4402.21	
C3 - Recunoașterea națională și internațională	1321	1705	1556	1072	692	
C4 - Activitatea cu studenții	131	124	225	306	348	
C5 – Activitatea în comunitatea academică	102	110	131	130	79	
C6 – Evaluarea de către Directorul de Departament	50	50	50	50	50	
Total	3994.84	5101.09	6152.49	5946.57	6571.34	5553.26

Data 13.10.2025

Conf.univ.dr.ing. Bogdan-Constantin NEAGU



FIȘA DE VERIFICARE

a îndeplinirii standardelor minime naționale pentru postul de conferențiar universitar

Cadru didactic: Neagu Bogdan-Constantin / **Data nașterii:** 04.07.1984 / **Funcția actuală** Conferențiar universitar.

Data numirii în funcția actuală: 21.02.2022 (Decizia TUIASI nr. 535/21.02.2022) **Instituția:** Universitatea Tehnică "Gheorghe Asachi din Iași

Tabel 1: Condiții minime / punctaje obținute (în conformitate cu Domeniul CNATDCU Inginerie Energetică)

Condiții minime			
Nr crt.	Domeniul de activitate	Condiții Conferențiar	Punctaj obținut
1	Activitate didactică/profesională (A1)	60	671.11
2	Activitate de cercetare (A2)	180	1889.97
3	Recunoașterea și impactul activității (A3)	60	6164.27
TOTAL (puncte)		300	8725.34

Data:
13.10.2025

Candidat,
Conf. dr. ing. Bogdan-Constantin Neagu



Tabelul 2. Structura activitatii si punctajele realizate

Nr. crt.	Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategorii	Indicatori (k _{pi})	Realizari	Punctaj
0	1	2	3	4	5		
1	Activitatea didactică și profesională (A1)	1.1 Cărți și capitole în cărți de specialitate	1.1.1 Cărți cu ISBN/ capitole ca autor; minim 2	1.1.1.1 internaționale	nr. pagini/(2*nr. autori)	3 carti 11 capitole (6 p.a.)	181.99
				1.1.1.2 naționale	nr. pagini/(5*nr. autori)	6 cărți	264.12
			1.1.2 Cărți/ capitole de cărți ca editor/coordonator	1.1.2.1 internaționale	nr. pagini/(3*nr. autori)	-	-
				1.1.2.2 naționale	nr. pagini/(7*nr. autori)	-	-
		1.2 Suport didactic	1.2.1 Manuale, suport de curs inclusiv electronic minim 1		nr. pagini/(10*nr. autori)	2 manuale (2 p.a.) 5 suporturi de curs	159.6
			1.2.2 Îndrumare de laborator /aplicații; minim 1		nr. pagini/(20*nr. autori)	3 (3 p.a.)	35.4
		1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale	Punctaj unic pentru fiecare activitate			3 programe de studiu	30
		TOTAL					671.11
2	Activitatea de cercetare (A2)	2.1 Articole în extenso în reviste cotate WOS Thomson-Reuters, în volume proceedings indexate WOS Thomson-Reuters *) și brevete indexate WOS Derwent	Minim 7 articole, din care minim 2 în reviste		(25+20*factor impact)/nr. de autori	102 (din care 39 în reviste)	1113.98
		2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale	Minim 15 articole		20/nr. de autori	93 (din care 46 în reviste)	629.99
		2.3 Brevete de invenție indexate în alte baze de date		2.3.1 internaționale	25/nr. de autori		0
				2.3.2 naționale	15/nr. de autori		0
		2.4 Granturi/proiecte câștigate prin competiție	2.4.1 Director/ responsabil - Minim 1	2.4.1.1 internaționale	20*ani de desfășurare		122
				2.4.1.2 naționale	10*ani de desfășurare	2 (director responsabil)	
			2.4.2 membru în	2.4.2.1	4*ani de	7	

			echipa	internaționale	desfășurare		24
				2.4.2.2 naționale	2* ani de desfășurare	9	
		2.5 Contracte de cercetare/consultanță (valoare echivalentă de minim 2 000 Euro)	2.5.1 Responsabil		5* ani de desfășurare		
			2.5.2 Membru echipa		2* ani de desfășurare	8	
		TOTAL					1889.969
3	Recunoașterea și impactul activității (A3)	3.1 Citări în reviste WOS și volumele conferințelor WOS		3.1.2 WOS (minim 4 citări)	5/nr. autori ai art. citat	358 citari	461.78
		3.2. Citări în reviste și volumele conferințelor BDI		3.2.2 BDI (Minimum 8 citări)	3/nr. autori ai art. citat	319 citari	48.09
		3.3 Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv POS, ERASMUS)	Punctaj unic pentru fiecare activitate	3.3.1 internaționale	20		0
				3.3.2 naționale	5		0
		3.4 Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, Organizator de manifestări științifice, Recenzor pentru reviste și manifestări științifice naționale și internaționale (punctajul se acorda pentru fiecare, revistă, manifestare științifică și recenzie)		3.4.1 ISI	10		5345
				3.4.2 BDI	6		
				3.4.3 naționale și internaționale neindexate	3		
		3.5 Referent în comisii de doctorat		3.5.1 internaționale	10		0
				3.5.2 naționale	5		5
		3.6 Premii		Academia Romana	30		0
				ASAS, AOSR, academii de ramura și CNCS	15	4	150
				premii internaționale	10		0
				premii naționale în	5		0

				domeniu			
		3.7 Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internationale, apartenență la organizații din domeniul educației și cercetării	3.7.1 Academia Romana		100		0
			3.7.2 ASAS, AOSR și academii de ramură		30		0
			3.7.3 Conducere asociații profesionale	nternațional e	30		0
				naționale	10		0
			3.7.4 Asociații profesionale	nternațional e	5	5	25
				naționale	2	3	6
			3.7.5 Consilii și organizații în domeniul educației și cercetării	Conducere	15		0
				Membru	10		0
		TOTAL					8725.34

Conf. dr. ing. Bogdan-Constantin Neagu

ACTIVITATE DIDACTICA/PROFESIONALA (A1)

1.1.1. Carti si capitole in carti de specialitate (cu ISBN)

Nr crt	Subcategorii (National / International)	Rezultate (punctaje)	Carti de specialitate/Capitole de carti (titlul, autorii, nr. pagini, Editura, ISBN)	Nr pagini
0	1	2	3	4
1.	International	4.33	Grigoras, G., Bogdan-Constantin Neagu , Scarlatache, F. (2023). Data Mining-Based Approaches in the Power Quality Analysis. In Smart Grid 3.0: Computational and Communication Technologies (pp. 93-119). Cham: Springer International Publishing, ISBN: 978-3-031-38506-3	26
2.	International	3.33	Bogdan-Constantin Neagu , Grigoras, G., Scarlatache, F. (2023). Engineering Applications of Blockchain Based Crowdsourcing Concept in Active Distribution Grids. In Smart Grid 3.0: Computational and Communication Technologies (pp. 57-76). Cham: Springer International Publishing. ISBN: 978-3-031-38506-3	20
3.	International	4.25	Grigoras, G., Bogdan-Constantin Neagu , Noroc, L., Chelaru, E. (2023). New smart devices-based strategies for optimal planning and operation of active electric distribution networks. Power System Strength: Evaluation Methods, Best Practice, Case Studies, and Applications, 221-254, ISBN: 978-1-83953-808-7	34
4.	International	2.25	Bogdan-Constantin Neagu , Mihai Gavrilas, Ovidiu Ivanov, Gheorghe Grigoras, <i>The Crowdsourcing Concept-Based Data Mining Approach Applied in Prosumer Microgrids</i> , Capitolul 5 in cartea <i>The Future of Data Mining</i> , Editor Cem Ufuk Baytar, Nova Science Publishers, USA, 2022, pp. 77 – 94, ISBN: 978-1-53618-508-9	18
5.	International	6.75	Gheorghe Grigoras, Bogdan-Constantin Neagu , <i>Regression Analysis-Based Load Modelling for Electric Distribution Networks</i> , Capitol in cartea <i>Numerical Methods for Energy Applications</i> , Editori: Naser Mahdavi Tabatabaei, Nicu Bizon, Springer International Publishing, Switzerland, Capitolul 28, 2021, ISBN: 978-3-030-62190-2	27
6.	International	4.33	Eduard Lunca, Bogdan-Constantin Neagu , Silviu Vornicu, <i>Finite Element Analysis of Electromagnetic Fields Emitted by Overhead High-Voltage Power Lines</i> , In <i>Numerical Methods for Energy Applications</i> , Editori: Naser Mahdavi Tabatabaei, Nicu Bizon, Springer International Publishing, Switzerland, Capitolul 29, 2021, ISBN: 978-3-030-62190-2	26
7.	International	10	Bogdan-Constantin Neagu , Gheorghe Grigoras, <i>Decision-Making Strategies with Clustering Based Unsupervised Learning for Smart Grids Planning</i> , Capitol in cartea <i>An Introduction to Approaches and Modern Applications with Ensemble Learning</i> , Editor: Yi-Tung Chan, Nova Science Publishers, USA, 2020, ISBN: 978-1-53618-680-2	40
8.	International	5	Bogdan-Constantin Neagu , Mihai Gavrilas, <i>Optimal Placement of Energy Storage Systems in Prosumer Microgrids</i> , Capitolul 7 in cartea <i>Advances in Engineering Research</i> , Editor Victoria M. Petrova, Nova Science Publishers, USA, 2020, pp. 253 – 273, ISBN: 978-1-53618-508-9	20
9.	International	7	Gheorghe Grigoras, Ovidiu Ivanov, Bogdan-Constantin Neagu , Pragma Kar, <i>Smart Metering Based Strategies for Improving Energy Efficiency in Microgrid</i> , Capitol in cartea <i>Microgrid Architectures, Control and Protection Methods</i> , Editori: Naser Mahdavi Tabatabaei, Ersan Kabalci, Nicu Bizon, Springer International Publishing, Switzerland, pp. 463 – 490, 2020, ISBN: 978-3-030-23722-6.	28

10.	International	35	Mihai Gavrilas, Bogdan-Constantin Neagu , <i>Enhanced metaheuristic search algorithms. Applications in the management of electricity distribution systems</i> , LAP Lambert Academic Publishing, ISBN 978-620-2-51263-3, Riga, Latvia, 2020.	140
11.	International	38	Gheorghe Grigoraș, Bogdan-Constantin Neagu , Ovidiu Ivanov, Mihai Gavrilas, Florina Scarlatache, <i>Smart Meter Data-based Strategies in the Optimal Operation of Electric Distribution Systems</i> , Lambert Academic Publishing, Riga, Lituania, 264 pg. (76 pg. Neagu), 2019, 978-620-0-50306-0	264 pag./ 76 pag. Neagu
12.	International	4	Bogdan-Constantin Neagu , Gheorghe Grigoraș, Ovidiu Ivanov, <i>The Optimal Operation of Active Distribution Networks based on Smart Metering</i> , Capitol in cartea <i>Advanced Communication and Control Methods for Future Smartgrid</i> , Editor: Taha Selim Ustun, IntechOpen, Londra, UK, 2019, ISBN: 978-1-78984-105-3	24
13.	International	13.75	Bogdan-Constantin Neagu , Gheorghe Grigoraș, <i>The Assessment of Power Quality in Electric Distribution Systems from Romania</i> , capitol in cartea <i>Advances in Energy Research</i> , Editor Morena J. Acosta, Nova Science Publishers, USA, pp. 157 – 211, 55 pg., 2017, ISBN: 978-1-53612-699-0.	55
14.	International	44	Gheorghe Grigoraș, Florina Scarlatache, Bogdan-Constantin Neagu , <i>Clustering in Power Systems. Applications</i> , Lambert Academic Publishing, Germania, 2016, ISBN: 978-3-330-01545-6.	264
	TOTAL	181.99		
15.	National	6.86	Ivas Dumitru, Bogdan-Constantin Neagu , Atudori Monica, <i>100 de ani de învățământ electrotehnic la Iași</i> , capitol în cartea <i>Formarea specialiștilor sistemului energiei electrice și termice din Romania</i> , coord. Zonel Vasiliu, Editura AGIR, București, Romania, 2017, ISBN 978-973-720-680-0, (103 pag. Neagu B.C.).	103
16.	National	59.6	Gheorghe Georgescu, Bogdan-Constantin Neagu , <i>Analiza regimurilor permanente de funcționare ale rețelelor electrice din sistemul electroenergetic</i> , Vol. 2, Ed. PIM, Iași, 2014, (596 pag), ISBN 978-606-13-2128-5.	596
17.	National	56.8	Gheorghe Georgescu, Bogdan-Constantin Neagu , <i>Analiza regimurilor permanente de funcționare ale rețelelor electrice din sistemul electroenergetic</i> , Vol. 1, Ed. PIM, Iași, 2014, (568 pag), ISBN 978-606-13-2127-8.	568
18.	National	56.6	Gheorghe Georgescu, Bogdan-Constantin Neagu , <i>Proiectarea și exploatarea asistată de calculator a sistemelor publice de repartiție și distribuție a energiei electrice</i> , Vol. 2, Editura Pim, Iași, 2012, (566 pag.), ISBN 978-606-13-088-6-6.	566
19.	National	39.06	Gheorghe Georgescu, Bogdan-Constantin Neagu , Romeo Ciobanu, <i>Proiectarea și exploatarea asistată de calculator a sistemelor publice de repartiție și distribuție a energiei electrice</i> , Vol. 1, partea a-II-a, Ed. Pim, Iași, 2011, (586 pag), ISBN 978-606-13-0148-5.	586
20.	National	45.2	Gheorghe Georgescu, Bogdan-Constantin Neagu , <i>Proiectarea și exploatarea asistată de calculator a sistemelor publice de repartiție și distribuție a energiei electrice</i> , Vol. 1, partea I-a, Ed. Fundației Academice AXIS, Iași, 2010, (452 pag), ISBN 978-973-7742-87-2.	452
	TOTAL	264.12		

1.2.1. Manuale/ Suport de curs

Nr crt	Rezultate (punctaje)	Titlul Manualului (titlul, autorii, nr. pagini, website)	Nr pagini
0	1	2	3
1	14.5	Bogdan-Constantin Neagu , Gheorghe Georgescu, <i>Strategia planificării sistemelor de distribuție</i> , vol. 1, Editura PIM, Iași, Romania, 2017, ISBN 978-606-13-3994-5 (290 pag. Neagu B.C.).	290
2	28.4	Bogdan-Constantin Neagu , Transportul și Distribuția Energiei Electrice, Suport de curs (prezentari PowerPoint), 284 pag. www.bogdan-neagu.iecea.tuiasi.ro/didactic/tdee	284
3	42	Bogdan-Constantin Neagu , <i>Management energetic Gestiunea Energiei</i> , 420 pag, (http://www.efen.iecea.tuiasi.ro/curs_manager):	420
4	36.4	Bogdan-Constantin Neagu , <i>Management energetic Audit Termoenergetic</i> , 364 pag, (http://www.efen.iecea.tuiasi.ro/curs_manager):	364
5	38.3	Bogdan-Constantin Neagu , <i>Management energetic Audit Electroenergetic</i> , 383 pag, (http://www.efen.iecea.tuiasi.ro/curs_manager):	383
	159.6		

1.2.2. Indrumare de laborator/aplicatii

Nr crt	Rezultate (punctaje)	Titlul Manualului (titlul, autorii, nr. pagini, website)	Nr pagini
0	1	2	3
1	6.4	Bogdan-Constantin Neagu , <i>Transportul și distribuția energiei electrice II. Lucrări de laborator bazate pe simulări software</i> , Editura PIM, Iași, Romania, 2021, ISBN 978-606-13-5340-8.	128
2	17.3	Bogdan-Constantin Neagu , <i>Transportul și distribuția energiei electrice. Lucrări practice de laborator</i> , Publicare online, Iași, 2018, http://iota.ee.tuiasi.ro/~bogdan.neagu/laboratoare.html (346 pag).	346
3	11.7	Bogdan-Constantin Neagu , <i>Transportul și distribuția energiei electrice. Analiza asistată de calculator</i> , Publicare online, Iași, 2018, http://iota.ee.tuiasi.ro/~bogdan.neagu/soft.html (234 pag).	234
	35.4	OK	

1.3. Coordonare programe de studii

Nr crt	Rezultate (punctaje)	Programe
0	1	2
1	10	Coordonator Program de formare continuă Auditor Electroenergetic, 2018 - prezent
2	10	Coordonator Program de formare continuă Auditor Termoenergetic, 2018 - prezent
3	10	Coordonator Program de formare continuă Gestiunea Energiei, 2018 - prezent
	30	OK

ACTIVITATE DE CERCETARE (A2)

2.1. Articole publicate in extenso in reviste și în volume proceedings indexate WOS Thomson-Reuters

Nr crt	Rezultate (punctaje)	Autorii, titlul lucrării, revista/proceedings, pag (de la – pana la), vol.....,	FI
0	1	2	3
1.	25.000	Grigoras, G., Gârbea, R., Bogdan-Constantin Neagu (2024). Toward Smart SCADA Systems in the Hydropower Plants through Integrating Data Mining-Based Knowledge Discovery Modules. <i>Applied Sciences</i> , 14(18), 8228.	2.500
2.	18.200	Ivanov, O., Luca, M. A., Neagu, B. C. , Grigoras, G., & Gavrilas, M. (2024). Flexible Energy Storage for Sustainable Load Leveling in Low-Voltage Electricity Distribution Grids with Prosumers. <i>Sustainability</i> , 16(10), 3905.	3.300
3.	13.286	Grigoraș, G., Raboaca, M. S., Dumitrescu, C., Manea, D. L., Mihaltan, T. C., Niculescu, V. C., & Neagu, B. C. (2023). Contributions to power Grid system analysis based on clustering techniques. <i>Sensors</i> , 23(4), 1895.	3.400
4.	11.444	Parekh, R., Patel, N., Gupta, R., Jadav, N. K., Tanwar, S., Alharbi, A., Neagu, B. C. & Raboaca, M. S. (2023). Gefl: Gradient encryption-aided privacy preserved federated learning for autonomous vehicles. <i>IEEE Access</i> , 11, 1825-1839.	3.900
5.	17.750	Jasim, A. M., Jasim, B. H., Baiceanu, F. C., Neagu, B. C. (2023). Optimized sizing of energy management system for off-grid hybrid solar/wind/battery/biogasifier/diesel microgrid system. <i>Mathematics</i> , 11(5), 1248.	2.300
6.	21.250	Jasim, A. M., Jasim, B. H., Neagu, B. C. , & Attila, S. (2023). Electric Vehicle Battery-Connected Parallel Distribution Generators for Intelligent Demand Management in Smart Microgrids. <i>Energies</i> , 16(6), 2570.	3.000
7.	14.333	Banu, I. V., Barkat, F., Istrate, M., Guerrero, J. M., Culea, G., Livinti, P., Neagu, B. C. & Andrioaia, D. (2023). Passive anti-Islanding protection for Three-Phase Grid-Connected photovoltaic power systems. <i>International Journal of Electrical Power & Energy Systems</i> , 148, 108946.	5.200
8.	14.200	Baiceanu, F. C., Ivanov, O., Beniuga, R. C., Neagu, B. C. , & Nemes, C. M. (2023). A Continuous Multistage Load Shedding Algorithm for Industrial Processes Based on Metaheuristic Optimization. <i>Mathematics</i> , 11(12), 2684.	2.300
9.	10.111	Patel, D. H., Shah, K. P., Gupta, R., Jadav, N. K., Tanwar, S., Neagu, B. C. , ... & Tolba, A. (2023). Blockchain-Based Crop Recommendation System for Precision Farming in IoT Environment. <i>Agronomy</i> , 13(10), 2642.	3.300
10.	7.222	Patel, J., Ruparelia, A., Tanwar, S., Alqahtani, F., Tolba, A., Sharma, R., ... & Neagu, B. C. (2023). Deep Learning-Based Model for Detection of Brinjal Weed in the Era of Precision Agriculture. <i>Computers, Materials & Continua</i> , 77(1)	2.000
11.	17.483	Hathaliya Jigna, Hetav Modi, Rajesh Gupta, Sudeep Tanwar, Fayez Alqahtani, Magdy Elghatwary, Bogdan-Constantin Neagu și Maria Simona Raboaca . "Stacked Model-Based Classification of Parkinson's Disease Patients Using Imaging Biomarker Data." <i>Biosensors</i> 12, no. 8 (2022): 579.	5.743
12.	7.684	Hathaliya Jigna, Raj Parekh, Nisarg Patel, Rajesh Gupta, Sudeep Tanwar, Fayez Alqahtani, Magdy Elghatwary, Ovidiu Ivanov, Maria Simona Raboaca, and Bogdan-Constantin Neagu . "Convolutional Neural Network-Based Parkinson Disease Classification Using SPECT Imaging Data." <i>Mathematics</i> 10, no. 15 (2022): 2566.	2.592
13.	14.563	Kumar Sandeep, Shilpa Rani, Arpit Jain, Chaman Verma, Maria Simona Raboaca, Zoltán Illés, and Bogdan Constantin Neagu . "Face Spoofing, Age, Gender and Facial Expression Recognition Using Advance Neural Network Architecture-Based Biometric System." <i>Sensors</i> 22, no. 14 (2022): 5160.	3.847
14.	9.605	Sandesara Mudita, Umesh Bodkhe, Sudeep Tanwar, Mohammad Dahman Alshehri, Ravi Sharma, Bogdan-Constantin Neagu , Gheorghe Grigoras, and Maria Simona Raboaca. "Design and Experience of Mobile Applications: A Pilot Survey." <i>Mathematics</i> 10, no. 14 (2022): 2380.	2,592
15.	12.807	Kaur Manpreet, Shikha Gupta, Deepak Kumar, Chaman Verma, Bogdan-Constantin Neagu , and Maria Simona Raboaca. "Delegated Proof of Accessibility (DPoAC): A Novel Consensus Protocol for Blockchain Systems." <i>Mathematics</i> 10, no. 13 (2022): 2336.	2,592
16.	9.605	Mankodiya Harsh, Dhairya Jadav, Rajesh Gupta, Sudeep Tanwar, Abdullah Alharbi, Amr Tolba, Bogdan-Constantin Neagu , and Maria Simona Raboaca.	2,592

		"XAI-Fall: Explainable AI for Fall Detection on Wearable Devices Using Sequence Models and XAI Techniques." Mathematics 10, no. 12 (2022): 1990.	
17.	12.743	Tanwar Sudeep, Aparna Kumari, Darshan Vekaria, Maria Simona Raboaca, Fayeze Alqahtani, Amr Tolba, Bogdan-Constantin Neagu , and Ravi Sharma. "GrAb: A deep learning-based data-driven analytics scheme for energy theft detection." Sensors 22, no. 11 (2022): 4048.	3,847
18.	9.605	Kalariya Vasu, Pushpendra Parmar, Patel Jay, Sudeep Tanwar, Maria Simona Raboaca, Fayeze Alqahtani, Amr Tolba, and Bogdan-Constantin Neagu . "Stochastic Neural Networks-Based Algorithmic Trading for the Cryptocurrency Market." Mathematics 10, no. 9 (2022): 1456.	2,592
19.	16.352	Grigoraș Gheorghe, Bogdan-Constantin Neagu , Ovidiu Ivanov, Bogdan Livadariu, and Florina Scarlatache. "A New SQP Methodology for Coordinated Transformer Tap Control Optimization in Electric Networks Integrating Wind Farms." Applied Sciences 12, no. 3 (2022): 1129.	2,838
20.	19.700	Jasim Ali M., Basil H. Jasim, Bogdan-Constantin Neagu , and Bilal Naji Alhasnawi. "Coordination Control of a Hybrid AC/DC Smart Microgrid with Online Fault Detection, Diagnostics, and Localization Using Artificial Neural Networks." Electronics 12, no. 1 (2022): 187.	2,690
21.	15.370	Jasim, Ali M., Basil H. Jasim, Bogdan-Constantin Neagu , and Bilal Naji Alhasnawi. "Efficient Optimization Algorithm-Based Demand-Side Management Program for Smart Grid Residential Load." Axioms 12, no. 1 (2022): 33.	1,824
22.	26.267	Jasim, Ali M., Basil H. Jasim, and Bogdan-Constantin Neagu . "A new decentralized PQ control for parallel inverters in grid-tied microgrids propelled by SMC-based buck–boost converters." Electronics 11, no. 23 (2022): 3917.	2,690
23.	10.220	Kakkar Riya, Rajesh Gupta, Smita Agrawal, Sudeep Tanwar, Ravi Sharma, Ahmed Alkhayyat, Bogdan-Constantin Neagu , and Maria Simona Raboaca. "A Review on Standardizing Electric Vehicles Community Charging Service Operator Infrastructure." Applied Sciences 12, no. 23 (2022): 12096.	2,838
24.	11.420	Munshi Manushi, Manan Patel, Fayeze Alqahtani, Amr Tolba, Rajesh Gupta, Nilesh Kumar Jadav, Sudeep Tanwar, Bogdan-Constantin Neagu , and Alin Dragomir. "Artificial Intelligence and Exploratory-Data-Analysis-Based Initial Public Offering Gain Prediction for Public Investors." Sustainability 14, no. 20 (2022): 13406.	3,889
25.	8.538	Mankodiya Harsh, Priyal Palkhiwala, Rajesh Gupta, Nilesh Kumar Jadav, Sudeep Tanwar, Bogdan-Constantin Neagu , Gheorghe Grigoras, Fayeze Alqahtani, and Ahmed M. Shehata. "A Real-Time Crowdsensing Framework for Potential COVID-19 Carrier Detection Using Wearable Sensors." Mathematics 10, no. 16 (2022): 2927.	2,592
26.	14.032	Ovidiu Ivanov; Bogdan-Constantin Neagu ; Gheorghe Grigoras; Scarlatache, Florina; Gavrilas, Mihai, A Metaheuristic Algorithm for Flexible Energy Storage Management in Residential Electricity Distribution Grids. Mathematics 2021, 9, 2375. WOS:000628360103201	2.258
27.	14.032	Gheorghe Grigoras, Bogdan-Constantin Neagu , Florina Scarlatache, Livia Noroc, Ecaterina Chelaru, Bi-Level Phase Load Balancing Methodology with Clustering-Based Consumers' Selection Criterion for Switching Device Placement in Low Voltage Distribution Networks, Mathematics, vol. 9, nr. 5, 542, 2021, Accession Number: WOS:000628360100001	2.258
28.	10.02	Gheorghe Grigoras, Livia Noroc, Ecaterina Chelaru, Florina Scarlatache, Bogdan-Constantin Neagu , Ovidiu Ivanov, Mihai Gavrilas, Coordinated Control of Single-Phase End-Users for Phase Load Balancing in Active Electric Distribution Networks, Mathematics, vol. 9, nr. 21, 2662, 2021, Accession Number: WOS:000719474900001 (Q1)	2.258
29.	15.39	Alexandru Kriukov, Mihai Gavrilas, Ovidiu Ivanov, Gheorghe Grigoras, Bogdan-Constantin Neagu , Florina Scarlatache, Novel Decentralized Voltage-Centered EV Charging Control Algorithm Using DSRC System in Low Voltage Distribution Networks, IEEE Access (Early Access), Decembrie 2021, doi: 10.1109/ACCESS.2021.3132419 (Q2)	3.367
30.	18.235	Ovidiu Ivanov, Bogdan-Constantin Neagu , Mihai Gavrilas, Gheorghe Grigoras, A Phase Generation Shifting Algorithm for Prosumer Surplus Management in Microgrids using Inverter Automated Control, Electronics, vol. 10, nr. 22, 2740, 2021, WOS:000727513800001 (Q3)	2.397
31.	39.290	Gheorghe Grigoras, Bogdan-Constantin Neagu , An Advanced Decision Support	2.679

		Platform in Energy Management to Increase Energy Efficiency for Small and Medium Enterprises, Applied Sciences, 2020, 10, 3505. Accession Number: WOS:000541440000166	
32.	14.032	Gheorghe Grigoras, Bogdan-Constantin Neagu , Mihai Gavrilaș, Ion Trîștiu, Constantin Bulac, Optimal Phase Load Balancing in Low Voltage Distribution Networks using a Smart Meter Data-based Algorithm, Mathematics, 2020, 8, 549. Accession Number: WOS: 000531824100089	2.258
33.	14.588	Florina Scarlatache, Gheorghe Grigoraș, Vlad-Andrei Scarlatache, Bogdan-Constantin Neagu , Ovidiu Ivanov, A Hybrid Methodology Based on Smart Management Energy Consumption in Irrigation Systems, Electronics, vol. 10, nr. 22, 2864, 2021, WOS:000727225500001 (Q3)	2.397
34.	18.004	Bogdan-Constantin Neagu , Ovidiu Ivanov, Gheorghe Grigoras, Mihai Gavrilaș, Marcel Istrate, New Market Model with Social and Commercial Tiers for Improved Prosumer Trading in Microgrids. Sustainability 2020, 12, 7265, WOS:000584284700001.	3.251
35.	17.540	Bogdan-Constantin Neagu , Ovidiu Ivanov, Gheorghe Grigoras, Mihai Gavrilaș, A New Vision on the Prosumers Energy Surplus Trading Considering Smart Peer-to-Peer Contracts. Mathematics, 2020, 8, 235. Accession Number: WOS:000519234000090	2.258
36.	11.693	Ovidiu Ivanov, Samiran Chattopadhyay, Soumya Banerjee, Bogdan-Constantin Neagu , Gheorghe Grigoras, Mihai Gavrilaș, A Novel Algorithm with Multiple Consumer Demand Response Priorities in Residential Unbalanced LV Electricity Distribution Networks, Mathematics, 2020, 8, 1220. Accession Number: WOS:000567310900001	2.258
37.	42.540	Gheorghe Grigoras, Bogdan-Constantin Neagu , Smart Meter Data-Based Three-Stage Algorithm to Calculate Power and Energy Losses in Low Voltage Distribution Networks. Energies 2019, 12, 3008, Accession Number: WOS:000482174800167	3.004
38.	21.270	Ovidiu Ivanov, Bogdan-Constantin Neagu , Gheorghe Grigoras, Mihai Gavrilaș, Optimal Capacitor Bank Allocation in Electricity Distribution Networks Using Metaheuristic Algorithms. Energies 2019, 12, 4239, Accession Number: WOS:000504898500017	3.004
39.	3.675	Serițan G.-C., Enache B.-A., Grigorescu S.-D., Pațurcă S. V., Cepișcă C., Vasiliu V., Porumb R., Bogdan-Constantin Neagu , Ghiculescu D., <i>Improvement of Teaching Activities in Higher Education: A Case Study</i> , Revue roumaine des sciences techniques. Série Électrotechnique et Énergétique, Tome 64, Issue 2, pp. 169-172, 2019, Accession Number: WOS:000567310900001	0.404
40.	4.166	Dandea, V., Gălbău, S., Asavei, N., Scarlatache, F., Neagu, B. C. , & Grigoraș, G. (2023, November). Assessing the Impact of Prosumers on the Low-Voltage Electrical Distribution Networks Based on a Scenarios-Based Methodology. In 2023 International Symposium on Fundamentals of Electrical Engineering (ISFEE) (pp. 1-6). IEEE.	0
41.	6.25	Chelaru Ecaterina, Livia Noroc, Gheorghe Grigoras, and Bogdan-Constantin Neagu . "Energy Losses Estimation in the Electric Distribution Networks Using Clustering-Based Selection of the Representative Feeders." In The 15th International Conference Interdisciplinarity in Engineering: Conference Proceedings, pp. 508-521. Cham: Springer International Publishing, 2022.	0
42.	4.16	Galbau, S., Grigoras, G., Bogdan-Constantin Neagu , Scarlatache, F., Lucache, D., Hustiu, V. (2022, November). Characterization of the Power Quality in the Electric Distribution Networks Using Data Mining with K-Means Clustering. In 2022 10th International Conference on Systems and Control (ICSC) (pp. 131-136). IEEE.	0
43.	6.25	Razan Garbea, Florina Scarlatache, Gheorghe Grigoras, Bogdan Constantin Neagu , Extracting the Operating Characteristics of Hydropower Plants Using a Clustering-based Efficient Methodology, 9th International Conference on Modern Power Systems (MPS2021), Cluj-Napoca, Romania, 16-17 Iunie, 2021	0
44.	6.25	Neagu, Bogdan-Constantin , Gavrilaș Mihai, Ovidiu Ivanov, and Gheorghe Grigoras. "Load Modeling Approaches in Smart Grids: An Overview." In The 15th International Conference Interdisciplinarity in Engineering: Conference Proceedings, pp. 533-561. Cham: Springer International Publishing, 2022.	0
45.	6.25	Ovidiu Ivanov, Bogdan Constantin Neagu , Andrei Nițu, Mihai Gavrilaș, "An	0

		Improved Metaheuristic Algorithm for Load Balancing in LV Distribution Networks," 2021 9th International Conference on Modern Power Systems (MPS), 2021, pp. 1-5, doi: 10.1109/MPS52805.2021.9492680	
46.	6.25	Constantin Zetu, Bogdan Constantin Neagu , Gheorghe Grigoras, Florina Scarlatache, The Risk Analysis for the Coexistence of Overhead Lines and Urban Green Areas, 9th International Conference on Modern Power Systems (MPS2021), Cluj-Napoca, Romania, 16-17 Iunie, 2021, DOI: 10.1109/MPS52805.2021.9492592	0
47.	12.5	Bogdan-Constantin Neagu , Gheorghe Grigoras, A data-mining-based methodology to identify the behavioural characteristics of prosumers within active distribution networks, International Symposium on Fundamentals of Electrical Engineering (ISFEE), 2020, Bucharest, Romania, November 5–7. DOI 10.1109/ISFEE.2020.8107089 IEEE Explore.	0
48.	6.25	Vasilica Dandea, Gheorghe Grigoras, Bogdan-Constantin Neagu , Florina Scarlatache, K-means Clustering-based Data Mining Methodology to Discover the Prosumers' Energy Features, HE 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE2021), 25-27 Martie, 2021, Bucuresti, Romania, DOI: 10.1109/ATEE52255.2021.9425237. Accession Number: WOS: 000676164800102.	0
49.	12.5	Bogdan-Constantin Neagu , Gheorghe Grigoras, A Fair Load Sharing Approach Based on Microgrid Clusters and Transactive Energy Concept, 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 25-27 Iunie, Bucuresti, 2020, Accession Number: WOS:000627393500104	0
50.	8.33	Gheorghe Grigoras, Bogdan-Constantin Neagu , Ovidiu Ivanov, <i>Aggregate Method based on Expert System for Electricity Consumption Forecasting of Small and Medium Enterprises</i> , 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucureti, Romania, 23 – 28 Mai, 2019, Accession Number: WOS:000475904500123	0
51.	8.33	Bogdan-Constantin Neagu , Gheorghe Grigoras, Ovidiu Ivanov, <i>The Influence of Harmonics on Additional Power Losses at Large Enterprises</i> , 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucureti, Romania, 23 – 28 Mai, 2019, Accession Number: WOS:000475904500097	0
52.	6.25	Ovidiu Ivanov, Bogdan-Constantin Neagu , Gheorghe Grigoras, Mihai Gavrilas, <i>Capacitor Banks Placement Optimization Improvement Using the Sperm Whale Algorithm</i> , 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 27-29 Iunie, 2019, WOS:000569985400130	0
53.	12.50	Bogdan-Constantin Neagu , Gheorghe Grigoras, <i>Uncertainty-Based Decision Making in the Planning of Electric Transmission Networks</i> , 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 27-29 Iunie, 2019, WOS:000569985400085	0
54.	8.33	Bogdan-Constantin Neagu , Gheorghe Grigoras, Ovidiu Ivanov, An Efficient Peer-to-Peer Based Blockchain Approach for Prosumers Energy Trading in Microgrids, 8th International Conference on Modern Power Systems (MPS), Cluj-Napoca, Romania, 21-23 Mai, 2019, WOS:000612401900090	0
55.	8.33	Gheorghe Grigoras, Bogdan-Constantin Neagu , Ovidiu Ivanov, An Efficient Approach for Flattening the Electricity Consumption Profile at Small and Medium Enterprises, 8th International Conference on Modern Power Systems (MPS), Cluj-Napoca, Romania, 21-23 Mai, 2019, WOS:000612401900021	0
56.	12.5	Bogdan-Constantin Neagu , Gheorghe Grigoras, Decision-Making Approach for Choosing of Electricity Supplier to Improve the Energy Efficiency, 2019 International Conference on ENERGY and ENVIRONMENT (CIEM), Timisoara, Romania, 17-18 Octombrie, 2019, Accession Number: WOS:000630902700072	0
57.	4.16	Gheorghe Grigoras, Mihai Gavrilas, Bogdan-Constantin Neagu , Ovidiu Ivanov, Ion Tristiu, Constantin Bulac, An Efficient Method to Optimal Phase Load Balancing in Low Voltage Distribution Network, 2019 International Conference on ENERGY and ENVIRONMENT (CIEM), Timisoara, Romania, 17-18 Octombrie, 2019, Accession Number: WOS:000630902700068	0
58.	6.25	Bogdan-Constantin Neagu , Mihai Gavrilas, Gheorghe Grigoras, Ovidiu Ivanov, Voltage Control in Microgrids in the Presence of Small-Scale Renewable Energy Source, 2019 International Conference on Electromechanical and Energy Systems	0

		(SIELMEN), Chisinau, Republica Moldova, 9-11 Octombrie, 2019, Accession Number: WOS:000630287500022	
59.	5	Ovidiu Ivanov, Bogdan-Constantin Neagu , Mihai Gavrilas, Gheorghe Grigoras, Calin-Viorel Sfintes, Phase Load Balancing in Low Voltage Distribution Networks Using Metaheuristic Algorithms, International Conference on Electromechanical and Energy Systems (SIELMEN), Chisinau, Republica Moldova, 9-11 Octombrie, 2019, WOS:000630287500107	0
60.	12.5	Bogdan-Constantin Neagu , Gheorghe Grigoras, Optimal Voltage Control in Power Distribution Networks Using an Adaptive On-Load Tap Changer Transformers Techniques, International Conference on Electromechanical and Energy Systems (SIELMEN), Chisinau, Republica Moldova, 9-11 Octombrie, 2019, Accession Number: WOS:000630287500111	0
61.	6.25	Bogdan-Constantin Neagu , Mihai Gavrilas, Radu Dumitru Pentiu, Eugen Hopulele, Optimal Placement of Energy Storage Systems in Microgrids Using a PSO Based Approach, IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), September 29 to October 2, 2019, Bucuresti, Romania, pp. 1-6, WOS: 000550100400114	0
62.	6.25	Eugen Hopulele, Radu Dumitru Pentiu, Mihai Gavrilas, Bogdan-Constantin Neagu , Optimizing the Operation of a Trigenation System Designed to Meet Energy Requirements for a Consumer, IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), September 29 to October 2, 2019, Bucuresti, Romania, pp. 1-6, WOS: 000550100400200	0
63.	12.5	Gheorghe Grigoras, Bogdan-Constantin Neagu , <i>Energy Consumption Forecasting to Small and Medium Enterprises Using a Hybrid Method</i> , 2018 International Symposium on Fundamentals of Electrical Engineering (ISFEE), Bucureti, Romania, 1 – 3 Noiembrie, 2018, Accession Number: WOS:000480396400064	0
64.	8.33	Bogdan-Constantin Neagu , Mihai Gavrilas, Gheorghe Ghiocel Matei, Voltage/VAR Control with Reactive Power Injection in Distribution Networks using a Proper Metaheuristic Approach, 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), Palermo, Italy, 2018, pp. 1-6, WOS:000450163702009	0
65.	8.33	Gheorghe Ghiocel Matei, Bogdan-Constantin Neagu , Mihai Gavrilas, Optimal Voltage Control Based on a Modified Line Drop Compensation Method in Distribution Systems, 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), Palermo, Italy, 2018, pp. 1-6, WOS:000450163701095.	0
66.	8.33	Gheorghe Grigoras, Bogdan-Constantin Neagu , Florina Scarlatache, <i>Influence of Sampling Size in Profiling Process of Electricity Consumption at Small and Medium Enterprises</i> , 10th International Conference and Exposition on Electrical and Power Engineering (EPE2018), Iasi, Romania, pp. 743 – 748, 2018, Accession Number: WOS:000458752200145	0
67.	8.33	Bogdan Constantin Neagu, Gheorghe Grigoras , Florina Scarlatache, <i>Influence of Outliers on Transformer Power Losses Estimation Using a Statistical Based Data Mining Approach</i> , 10th Edition Electronics, Computers and Artificial Intelligence (ECAI 2018), 28 June -30 June, 2018, Iasi, Romania, Accession Number: WOS:000467734100072	0
68.	6.25	Mihai Gavrilas, Bogdan-Constantin Neagu , Radu Dumitru Pentiu, Eugen Hopulele, Overview on Distributed Generation Integration in Distribution Systems, 2018 International Conference and Exposition on Electrical and Power Engineering (EPE), Iasi, Romania, 2018, pp. 1063-1069, WOS:000458752200208.	0
69.	6.25	Nicutor Toma, Ovidiu Ivanov, Bogdan-Constantin Neagu , Mihai Gavrilas, A PSO Algorithm for Phase Load Balancing in Low Voltage Distribution Networks, 2018 International Conference and Exposition on Electrical and Power Engineering (EPE), Iasi, Romania, 2018, pp. 857-862, WOS:000458752200167.	
70.	8.33	Ovidiu Ivanov, Gheorghe Grigoras, Bogdan-Constantin Neagu , <i>Smart Metering based Approaches to Solve the Load Phase Balancing Problem in Low Voltage Distribution Networks</i> , 2018 International Symposium on Fundamentals of Electrical Engineering (ISFEE), Bucureti, Romania, 1 – 3 Noiembrie, 2018,	0

		Accession Number: WOS:000480396400007	
71.	6.25	Florina Scarlatache, Gheorghe Grigoraş, Bogdan-Constantin Neagu , Romeo Ciobanu, <i>Aided decision making for hybrid energy systems planning in micro-grids</i> , 2018 Smart City Symposium Prague (SCSP), Praga, Republica Cehă, 24 – 25 Mai, 2018. Accession Number: WOS:000443451800033	0
72.	8.33	Ovidiu Ivanov, Bogdan-Constantin Neagu , Mihai Gavrilas, "Voltage profile improvement in electricity distribution networks — A genetic algorithm benchmark study," 2017 International Conference on Electromechanical and Power Systems (SIELMEN), Iasi, 2017, pp. 560-564, WOS:000426906000107.	0
73.	8.33	Bogdan-Constantin Neagu , Ovidiu Ivanov, Mihai Gavrilas, A comprehensive solution for optimal capacitor allocation problem in real distribution networks," 2017 International Conference on Electromechanical and Power Systems (SIELMEN), 2017, pp. 565-570, WOS:000426906000108.	0
74.	8.33	Gheorghe Grigoraş, Florina Scarlatache, Bogdan-Constantin Neagu , <i>Analysis of energy saving solutions based on replacement of distribution transformers</i> , 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), Brasov, Romania, pp. 66 – 71, 2017 Accession Number: WOS:000426909600009	0
75.	6.25	Gheorghe Grigoraş, Florina Scarlatache, Daniela Comanescu, Bogdan-Constantin Neagu , <i>Expert system for optimal power allocation in hydropower dispatchable units</i> , 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), Brasov, Romania, pp. 605 – 610, 2017 Accession Number: WOS:000426909600091	0
76.	8.33	Bogdan-Constantin Neagu , Gheorghe Grigoraş, Florina Scarlatache, <i>Effects of outliers on calculation of load profile factors</i> , 2017 International Conference on Modern Power Systems (MPS), Cluj-Napoca, Romania, 6 – 9 Iunie, 2017 Accession Number: WOS:000428462600009	0
77.	5	Gheorghe Grigoraş, Bogdan-Constantin Neagu , Florina Scarlatache, Cristina Schreiner, Romeo Ciobanu, <i>Identification of pilot nodes for secondary voltage control using K-means clustering algorithm</i> , 2017 IEEE 26th International Symposium on Industrial Electronics (ISIE), Edinburgh, UK, pp. 106 – 110, 2017 Accession Number: WOS:000426794000015	0
78.	5	Bogdan-Constantin Neagu , Gheorghe Grigoraş, Florina Scarlatache, Cristina Schreiner, Romeo Ciobanu, <i>Patterns discovery of load curves characteristics using clustering based data mining</i> , 2017 11th IEEE International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), Cadiz, Spain, pp. 83 – 87, 2017 WOS:000406491800013	0
79.	5	Florina Scarlatache, Gheorghe Grigoraş, Bogdan-Constantin Neagu , Cristina Schreiner, Romeo Ciobanu, <i>Influence of hybrid energy systems on micro-grids control</i> , 2017 11th IEEE International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), Cadiz, Spain, pp. 313 – 317, 2017 WOS:000406491800050	0
80.	8.33	Bogdan-Constantin Neagu , Gheorghe Grigoraş, Florina Scarlatache, <i>Outliers discovery from Smart Meters data using a statistical based data mining approach</i> , 2017 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucureşti, Romania, pp. 555 -558, 2017, WOS:000403399400108	0
81.	8.33	Gheorghe Grigoraş, Bogdan-Constantin Neagu , Florina Scarlatache, <i>Smart metering based approach for phase balancing in low voltage distribution systems</i> , 2017 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucureşti, Romania, pp. 551 -554, 2017, WOS:000403399400107	0
82.	8.33	Florina Scarlatache, Gheorghe Grigoraş, Bogdan-Constantin Neagu , <i>Clustering Based Data Mining in Wind Power Production</i> , ECAI 2017 - International Conference – 9th Edition Electronics, Computers and Artificial Intelligence, 29 June -01 July, 2017, Targoviste, Romania, Accession Number: WOS:000425865900119.	0
83.	8.33	Oidiu Ivanov, Bogdan-Constantin Neagu , Mihai Gavrilas, "A parallel PSO approach for optimal capacitor placement in electricity distribution networks," 2017 International Conference on Modern Power Systems (MPS), 2017, pp. 1-5, WOS: 000428462600018	0

84.	8.33	Bogdan-Constantin Neagu , Oidiu Ivanov, Mihai Gavrilas, "Voltage profile improvement in distribution networks using the whale optimization algorithm," 2017 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Targoviste, 2017, pp. 1-6. WOS:000425865900081	0
85.	8.33	Oidiu Ivanov, Bogdan-Constantin Neagu , Mihai Gavrilas, "Voltage profile improvement in electricity distribution networks — A genetic algorithm benchmark study," 2017 International Conference on Electromechanical and Power Systems (SIELMEN), Iasi, 2017, pp. 560-564. WOS:000426906000107	0
86.	8.33	Bogdan-Constantin Neagu , Oidiu Ivanov, Mihai Gavrilas, A comprehensive solution for optimal capacitor allocation problem in real distribution networks. In 2017 International Conference on Electromechanical and Power Systems (SIELMEN), pp. 565-570, WOS: 000426906000108	0
87.	8.33	Bogdan-Constantin Neagu , Gheorghe Grigoraş, Florina Scarlatache, <i>Power losses estimation in harmonic polluted LV distribution networks with a fuzzy approach</i> , 2016 8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Ploiesti, Romania, 2016, WOS:000402541200042	0
88.	8.33	Florina Scarlatache, Gheorghe Grigoraş, Bogdan-Constantin Neagu , <i>Decision making methodology based on fuzzy logic in optimal DG location</i> , 2016 8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Ploiesti, Romania, 2016, WOS:000402541200117	0
89.	8.33	Gheorghe Grigoraş, Bogdan Constantin Neagu , Florina Scarlatache, <i>Estimation of energy losses in distribution transformers using a fuzzy approach</i> , 2016 International Symposium on Fundamentals of Electrical Engineering (ISFEE), Bucureşti, Romania, 2016, WOS:000392434400035	0
90.	8.33	Bogdan-Constantin Neagu , Gheorghe Grigoraş, Florina Scarlatache, <i>The influence of harmonics on power losses in urban distribution networks</i> , 016 International Symposium on Fundamentals of Electrical Engineering (ISFEE), Bucureşti, Romania, 2016, WOS:000392434400036	0
91.	8.33	Bogdan-Constantin Neagu , Gheorghe Georgescu, Ovidiu Ivanov, The impact of harmonic current flow on additional power losses in low voltage distribution networks, 2016 International Conference and Exposition on Electrical and Power Engineering (EPE 2016), pp.719-722, Iaşi, România, 20-22 Oct. 2016, WOS:000390706300143	0
92.	8.33	Bogdan-Constantin Neagu , Ovidiu Ivanov, Gheorghe Georgescu, Reactive power compensation in distribution networks using the bat algorithm, 2016 International Conference and Exposition on Electrical and Power Engineering (EPE 2016), pp.711-714, Iasi, 20-22 Oct. 2016, România, WOS:000390706300141	0
93.	12.5	Bogdan-Constantin Neagu , Gheorghe Grigoraş, <i>Assessment of slow voltage variations from the electric distribution systems with fuzzy techniques</i> , 2015 7th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Bucureşti, Romania, pp. 61 – 66, 2015, WOS:000370971100118	
94.	12.5	Bogdan-Constantin Neagu , Gheorghe Georgescu, Wind Farm Cable Route Optimization Using a Simple Approach, 8th International Conference and Exposition on Electrical and Power Engineering, EPE 2014, p. 1004-1009, Iaşi, România, 16-18 October 2014, WOS: 000353565300183.	0
95.	12.5	Bogdan-Constantin Neagu , Gheorghe Georgescu, Aspects regarding the monitoring possibilities and steady-state analysis of electric energy repartition networks, 8th International Conference and Exposition on Electrical and Power Engineering, EPE 2014, pag. 1000-1003, Iaşi, România, WOS: 000353565300182.	0
96.	5	Alexandru Kriukov, Gheorghe Grigoraş, Mihai Gavrilas, Florina Scarlatache, Bogdan-Constantin Neagu , <i>An analyze of slow voltage variations from the electric distribution systems with a clustering based approach</i> , 2014 16th International Conference on Harmonics and Quality of Power (ICHQP), Bucureşti, Romania, pp. 689 – 693, 2014, WOS:000343776100142	0
97.	5	Bogdan Vicol, Mihai Gavrilas, Ovidiu Ivanov, Bogdan-Constantin Neagu , Gheorghe Grigoraş, <i>Synchrophasor measurement method for overhead line parameters estimation in MV distribution networks</i> , 2014 16th International Conference on Harmonics and Quality of Power (ICHQP), Bucureşti, Romania, pp. 862 – 865, 2014, WOS:000343776100177	0

98.	8.33	Ovidiu Ivanov, Mihai Gavrilas, Bogdan-Constantin Neagu , Intelligent Monitoring and Control in Transmission and Distribution Networks, Proc. of 14th International Conference on Optimization of Electrical and Electronic Equipment OPTIM 2014, pag. 185-191, Braşov, România, 22-24 May 2014, Accession Number: WOS:000343551300027	0
99.	8.33	Gheorghe Georgescu, Bogdan-Constantin Neagu , Daniela Astărăstoae, Reactive Power Sources Management in Public Repartition and Distribution Systems with the Purpose of Power Quality Improvement, The 7th International Conference on Electrical and Power Engineering, Iaşi, pp. 259 - 264, 2012, WOS:000324685300049	0
100.	8.33	Gheorghe Georgescu, Bogdan-Constantin Neagu , Pinteana Anca, Aspects Regarding the Power and Energy Losses Evaluation from Public Electricity Repartition Systems, The 7th International Conference on Electrical and Power Engineering, Iaşi, pp. 253 - 258, 2012, WOS:000324685300048.	0
101.	12.5	Bogdan-Constantin Neagu , Gheorghe Georgescu, The Optimization of Reactive Power Sources Placement in Public Repartition and Distribution Systems for Power Quality Improvement, 12th International Conference on Optimization of Electrical and Electronic Equipment - OPTIM 2012, Brasov, Romania, p. 200-207, WOS:000398866700030	0
102.	8.33	Bogdan-Constantin Neagu , Gheorghe Georgescu, Astrid Elges, Monitoring System of Electric Energy Consumption to Users, International Conference and Exposition on Electrical and Power Engineering (EPE), pag. 265-270, Iaşi, România, 25-27 October 2012, Accession Number: WOS:000324685300049.	0
	1113.979		

2.2. Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale

Nr crt	Rezultate (punctaje)	Autorii, titlul lucrării, revista, pag (de la – pana la), vol....,
1.	3.33	B.-C. Neagu , M. -A. Luca, M. Gavrilas, G. Grigoras, O. Ivanov and F. Scarlatache, "Leveraging Energy Storage Systems and Virtual Power Lines to Minimize Curtailment in Future Distribution Grids," 2024 IEEE International Conference and Exposition On Electric And Power Engineering (EPEi), Iasi, Romania, 2024, pp. 495-500, doi: 10.1109/EPEi63510.2024.10758096.
2.	4	F. Scarlatache, G. Grigoras, V. A. Scarlatache, B. -C. Neagu and M. -A. Baci, "Using Hybrid PV-Hydrogen Storage Systems in Optimal Planning of Microgrids," 2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi), Iasi, Romania, 2024, pp. 556-559, doi: 10.1109/EPEi63510.2024.10758028
3.	6.67	F Gălbău, Ş., Grigoras, G., & Neagu, B. C. (2024, October). Voltage Quality Pattern Recognition in Microgrids Using a Data-Driven Machine Learning-Based Methodology. In 2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi) (pp. 450-455). IEEE
4.	3.33	Livadariu, B., Grigoras, G., Neagu, B. C. , Ivanov, O., Scarlatache, F., & Gavrilas, M. (2024, October). Optimal Power Flow with the Clustering-Improved Fuzzy Models for Uncertainty Sources of Wind Power and Nodal Loads. In 2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi) (pp. 484-489). IEEE
5.	5	Bondar, C., Neagu, B.C. , Grigoras, G., & Simo, A. (2024, October). Optimal Recloser Placement in Distribution Networks to Improve Power Quality Indicators. In 2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi) (pp. 456-461). IEEE
6.	5	Despa, C. N., Gugiuman, A. A., Neagu, B. C. , & Grigoras, G. (2024, October). Impact of Electrical Vehicle Charging on Developing Cities Power System in Near-Future Scenarios. In International Conference Interdisciplinarity in Engineering (pp. 494-505). Cham: Springer Nature Switzerland.
7.	6.67	Livadariu, R., Grigoras, G., & Neagu, B. C. (2024, October). Internet of Things and Data Mining: A Comprehensive Analysis of Applications in Energy Consumption Management. In International Conference Interdisciplinarity in Engineering (pp. 467-480). Cham: Springer Nature Switzerland.

8.	5	Livadariu, R., Grigoraș, G., Scarlatache, F., & Neagu, B. C. (2024, June). Robust Methodology to Extract the Electricity Consumption Patterns of End-Users Using Data Mining Techniques. In 2024 16th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) (pp. 1-6). IEEE..
9.	5	Luca, M. A., Gavrilas, M., Ivanov, O., & Neagu, B. C. (2023, June). Efficient Operation Approach of Microgrids Enriched with Prosumers and Storage Systems. In 2023 10th International Conference on Modern Power Systems (MPS) (pp. 1-5). IEEE.
10.	5	Pricop, A. I., Gavrilas, M., Salceanu, A., & Neagu, B. C. (2023, June). Power systems resilience against cyber-attacks. A systematic analysis. In 2023 10th International Conference on Modern Power Systems (MPS) (pp. 1-7). IEEE.
11.	5	Livadariu, B., Grigoras, G., Scarlatache, F., & Neagu, B. C. (2023, June). Voltage Control in Electric Networks with Wind Farms Connected Using a Scenario-Based Optimization Framework. In 2023 10th International Conference on Modern Power Systems (MPS) (pp. 1-6). IEEE
12.	6.67	Grigoras, G., Neagu, B. C., & Dandea, V. (2023, June). Two-Stage Framework for Steady-State Analysis of Low Voltage Electric Distribution Networks Integrating Photovoltaic Prosumers. In 2023 15th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) (pp. 01-06). IEEE
13.	6.67	Neagu, B. C. , Grigoras, G., & Livadariu, R. (2023, June). Additional Power Losses Estimation in Harmonic Polluted LV Distribution Grid using a Ward's Hierarchical Clustering Method. In 2023 15th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) (pp. 1-5). IEEE
14.	6.67	Livadariu, B., Grigoras, G., & Neagu, B. C. (2023, October). Assessing the Trend of Power Quality Indicators in the Electric Distribution Networks Using a Regression Models-Based Approach. Case Study in Romania. In International Conference Interdisciplinarity in Engineering (pp. 561-583). Cham: Springer Nature Switzerland
15.	4	Neagu, B. C. , Grigoras, G., Gavrilas, M., Porumb, R., & Tristiu, I. (2023, October). Technical Losses Estimation in Low Voltage Distribution Network Using Deterministic Methods. In International Conference Interdisciplinarity in Engineering (pp. 546-560). Cham: Springer Nature Switzerland
16.	5	Gheorghe Grigoras, Vasilica Dandea, Bogdan-Constantin Neagu , Florina Scarlatache, Load Estimation with the Clustering-Based Selection of the Electric Distribution Substations Integrated in SCADA System, 10th International Conference on ENERGY and ENVIRONMENT (CIEM), 14 – 15 Octombrie, 2021, Bucuresti, Romania. DOI: 10.1109/CIEM52821.2021.9614718 (IEEE Xplore)
17.	5	Constantin Zetu, Bogdan-Constantin Neagu , Gheorghe Grigoras, Florina Scarlatache, A New Approach for the Coexistence Study of Urban Buildings Near High Voltage Overhead Lines, 10th International Conference on ENERGY and ENVIRONMENT (CIEM), 14 – 15 Octombrie, 2021, Bucuresti, Romania. DOI: 10.1109/CIEM52821.2021.9614825 (IEEE Xplore)
18.	5	Ovidiu Ivanov, Bogdan-Constantin Neagu , Andrei Cibotărică și Mihai Gavrilas, Multiobjective Prosumer Surplus Management for Optimal Microgrid Operation, 2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM), 2021, pp. 1-5, doi: 10.1109/CIEM52821.2021.9614729 (IEEE Xplore).
19.	4	Ecaterina Chelaru, Gheorghe Grigoraș, Livia Noroc, Bogdan-Constantin Neagu , and Florina Scarlatache, Influence of the Prosumers on the Replacement Strategies of the Aged Transformers from the Electric Distribution Networks, 13th Interantional Conference on Electromechanical and Energy Systems (SIELMEN), 7 -8 Octombrie, 2021, Chisinau, Rep. Moldova. DOI: 10.1109/SIELMEN53755.2021.9600425 (IEEE Xplore)
20.	4	Mihai-Andrei Luca, Bogdan-Constantin Neagu , Ovidiu Ivanov, Mihai Gavrilas, Gheorghe Grigoras, A Deeper Analysis about the Impact of Prosumers on Power Losses in Low Voltage Microgrids, 13th Interantional Conference on Electromechanical and Energy Systems (SIELMEN), 7 -8 Octombrie, 2021, Chisinau, Rep. Moldova. DOI: 10.1109/SIELMEN53755.2021.9600366 (IEEE Xplore)
21.	5	Bogdan-Constantin Neagu , Constantin Zetu, Gheorghe Grigoras, Ovidiu Ivanov, Theories about Mechanical Calculus in the Context of Coexistence between Overhead Power Lines and Buildings from Outskirts of Cities, 13th Interantional Conference on Electromechanical and Energy Systems (SIELMEN), 7 -8 Octombrie, 2021, Chisinau, Rep. Moldova. DOI: 10.1109/SIELMEN53755.2021.9600329 (IEEE Xplore)
22.	3.33	Mihai Tirsu, Nicolae Covalenco, Dimitrii Zaitsev, Ion Negura, Mihai Gavrilas și

		Bogdan-Constantin Neagu , "Photovoltaic-Thermal System for Trigenerating Electricity, Hot Water and Cold," 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), 2021, pp. 092-096, doi: 10.1109/SIELMEN53755.2021.9600378. (IEEE Xplore).
23.	5	Vasilica Dandea, Gheorghe Grigoras, Bogdan-Constantin Neagu și Florina Scarlatache A Clustering-based Knowledge Extraction Methodology for Prosumers' Classification and Injected Power Profiles Grouping, 13th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2021, 1 – 3 Iulie, 2021, Pitesti, Romania, DOI: 10.1109/ECAI52376.2021.9515042 (IEEE Xplore)
24.	5	Razvan Garbea, Florina Scarlatache, Gheorghe Grigoras, Bogdan-Constantin Neagu , Integration of Data Mining Techniques in SCADA System for Optimal Operation of Hydropower Plants, 13th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2021, 1 – 3 Iulie, 2021, Pitesti, Romania, SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-85115080303&origin=resultslist
25.	2.85	Rajawat Anand Singh, S. B. Goyal, Pradeep Bedi, Shilpa Malik, Bogdan Constantin Neagu , Maria Simona Raboaca, and Chaman Verma. "Visual Cryptography and Blockchain for Protecting Against Phishing Attacks on Electronic Voting Systems." In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), pp. 663-666. IEEE, 2022.
26.	3.33	Ivanov, Ovidiu, Bogdan-Constantin Neagu , Nicușor-Constantin Toma, Gheorghe Grigoras, Paul-Daniel Ghilan, and Mihai Gavrilas. "Metaheuristic Approaches for Distributed Generation Placement Optimization in Electrical Grids: A comparison between PSO, Tiki-Taka and Archimedes Optimzation Algorithms." In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), pp. 208-212. IEEE, 2022.
27.	4	Ravi Renjith V., S. B. Goyal, Bogdan Constantin Neagu, Maria Simona Raboaca, and Chaman Verma. "A Low-Cost Industrial Automation System Using IoT and Cloud Computing." In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), pp. 649-653. IEEE, 2022.
28.	2.85	Rajawat, Anand Singh, S. B. Goyal, Pradeep Bedi, Traian Candin Mihaltan, Bogdan-Constantin Neagu, Maria Simona Raboaca, and Chaman Verma. "Electrical Fault Detection for Industry 4.0 using Fusion deep Learning Algorithm." In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), pp. 658-662. IEEE, 2022.
29.	5	Vornicu, Silviu, Eduard Lunca, Bogdan Constantin Neagu, and Florin Constantin Baiceanu. "Assessment of Extremely Low-Frequency Magnetic Field from Multiple High-Voltage Overhead Power Lines in Parallel Configuration." In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), pp. 723-726. IEEE, 2022.
30.	4	Noroc, Livia, Gheorghe Grigoras, Vasilica Dandea, Ecaterina Chelaru, and Bogdan-Constantin Neagu. "An Efficient Voltage Control Methodology in LV Networks Integrating PV Prosumers Using Distribution Transformers with OLTC." In 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC), pp. 150-155. IEEE, 2022.
31.	4	Baiceanu, Florin-Constantin, Cosmin-Florin Acsinte, Ovidiu Ivanov, Ciprian-Mircea Nemes, and Bogdan-Constantin Neagu. "A Load Shedding Approach for Islanded Operation in Industrial Electrical Systems." In 2022 14th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-6. IEEE, 2022.
32.	4	Chelaru, Ecaterina, Gheorghe Grigoras, Livia Noroc, Bogdan-Constantin Neagu, and Ovidiu Ivanov. "An efficient integration strategy of the prosumers in the active electric distribution networks." In 2022 14th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-6. IEEE, 2022.
33.	2.85	Pradeep, S., Yogesh Kumar Sharma, Chaman Verma, Neagu Bogdan Constantin, Zoltán Illés, Maria Simona Raboaca, and Traian Candin Mihaltan. "Utilizing WSN and Artificial Intelligence to Detect Fires." In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), pp. 424-428. IEEE, 2022.
34.	2.85	Chouhan, Robin Singh, Anand Singh Rajawat, S. B. Goyal, Pradeep Bedi, Neagu Bogdan Constantin, Maria Simona Raboaca, and Chaman Verma. "Experimental Analysis for Position Estimation using Trilateration and RSSI in Industry 4.0." In 2022 11th International Conference on System Modeling & Advancement in Research

		Trends (SMART), pp. 904-908. IEEE, 2022.
35.	3.33	Rajawat, Anand Singh, S. B. Goyal, Pradeep Bedi, Neagu Bogdan Constantin, Maria Simona Raboaca, and Chaman Verma. "Cyber-Physical System for Industrial Automation Using Quantum Deep Learning." In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), pp. 897-903. IEEE, 2022.
36.	2.85	Pant, Piyush, Anand Singh Rajawat, S. B. Goyal, Deepmala Singh, Neagu Bogdan Constantin, Maria Simona Raboaca, and Chaman Verma. "Using Machine Learning for Industry 5.0 Efficiency Prediction Based on Security and Proposing Models to Enhance Efficiency." In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), pp. 909-914. IEEE, 2022.
37.	2.85	Pradeep, S., Yogesh Kumar Sharma, Chaman Verma, Neagu Bogdan Constantin, Zoltán Illés, Maria Simona Raboaca, and Traian Candin Mihaltan. "Smart Factory Setting Awareness by Noise-Pattern Analysis." In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), pp. 880-890. IEEE, 2022.
38.	2.5	Pant, Piyush, Anand Singh Rajawat, S. B. Goyal, Amol Potgantwar, Pradeep Bedi, Maria Simona Raboaca, Neagu Bogdan Constantin, and Chaman Verma. "AI based Technologies for International Space Station and Space Data." In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), pp. 19-25. IEEE, 2022.
39.	2.85	Rajawat, Anand Singh, S. B. Goyal, Pradeep Bedi, Abhudaya Shrivastava, Neagu Bogdan Constantin, Maria Simona Raboaca, and Chaman Verma. "Security Analysis for Threats to Patient Data in the Medical Internet of Things." In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), pp. 248-253. IEEE, 2022.
40.	3.33	Chelaru, Ecaterina, Gheorghe Grigoraș, Livia Noroc, Ștefania Gălbău, Bogdan-Constantin Neagu, and Ovidiu Ivanov. "Assessing the Modernization Process of a Transformer Fleet in the Electric Distribution Networks. Case Study in Romania." In The 16th International Conference Interdisciplinarity in Engineering: Inter-Eng 2022 Conference Proceedings, pp. 631-648. Cham: Springer International Publishing, 2022.
41.	4	Zetu, Constantin, Bogdan-Constantin Neagu, Gheorghe Grigoras, Ovidiu Ivanov, and Mihai Gavrilas. "Overhead Transmission Lines Capacity Management Based on Different Weather Conditions." In The 16th International Conference Interdisciplinarity in Engineering: Inter-Eng 2022 Conference Proceedings, pp. 660-681. Cham: Springer International Publishing, 2022.
42.	3.33	Ravi, Renjith V., S. B. Goyal, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma, and Vladimir Kustov. "Monitoring and Control of Electrical Sub Station Using IoT and Cloud." In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), pp. 654-657. IEEE, 2022.
43.	5	Vasilica Dandea, Gheorghe Grigoraș, Bogdan-Constantin Neagu , Florina Scarlatache, K-means Clustering-based Data Mining Methodology to Discover the Prosumers' Energy Features, HE 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE2021), 25-27 Martie, 2021, Bucuresti, Romania, DOI: 10.1109/ATEE52255.2021.9425237.SCOPIUS https://www.scopus.com/record/display.uri?eid=2-s2.0-85115116046&origin=resultslist
44.	10	Gheorghe Grigoraș, Bogdan-Constantin Neagu , Regression Analysis-Based Load Modelling for Electric Distribution Networks, Numerical Methods for Energy Applications, Springer International Publishing, Switzerland, Capitolul 28, 2021, ISBN: 978-3-030-62190-2, SCOPUS, https://www.scopus.com/record/display.uri?eid=2-s2.0-85103271248&origin=resultslist
45.	6.66	Eduard Lunca, Bogdan-Constantin Neagu , Silviu Vornicu, Finite Element Analysis of Electromagnetic Fields Emitted by Overhead High-Voltage Power Lines, Numerical Methods for Energy Applications, Springer International Publishing, Switzerland, Capitolul 29, 2021, ISBN: 978-3-030-62190-2, SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-85103240736&origin=resultslist
46.	5	Bogdan-Constantin Neagu , Ovidiu Ivanov, Gheorghe Grigoraș, Mihai Gavrilas, Short-term Load Forecast Approach Based on Artificial Neural Networks, Buletinul Institutului Politehnic din Iasi, Secția: Electrotehnică, Energetică, Electronică, Volumul 65 (69), Fasc. 2, pp. 9-22, 2019, ISSN 1223-8139 (Index Copernicus, getCITED, Ulrich's), cod CNCSIS: 87 http://www.bulipi-eee.tuiasi.ro/archive/2019/fasc.2/p1_f2_2019.pdf .

47.	6.66	Gheorghe Grigoraș, Bogdan-Constantin Neagu , Alexandra Adăscăliței, On the Assessment of Slow Voltage Variations in Electric Distribution Networks using K-Means Clustering Algorithm, 2nd IMEKO TC4 International Symposium & 20th International Workshop on ADC Modelling and Testing, Iași, Romania, September 14-15, 2017 SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-85046495777&origin=resultslist
48.	10	Bogdan-Constantin Neagu , Gheorghe Grigoraș, Detection of Irregular Consumption to Load Monitoring in Smart Grids, 2nd IMEKO TC4 International Symposium & 20th International Workshop on ADC Modelling and Testing, Iași, Romania, September 14-15, 2017 SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-85046399670&origin=resultslist .
49.	10	Bogdan-Constantin Neagu , Gheorghe Grigoraș, The Assessment of Power Quality in Electric Distribution Systems from Romania, Advances in Energy Research, vol. 28, pp. 157 – 211, 2017, ISBN: 978-1-53612-699-0 (Scopus). https://www.scopus.com/record/display.uri?eid=2-s2.0-85044542098&origin=resultslist
50.	10	Bogdan-Constantin Neagu , Gheorghe Grigoraș, An Efficient Metaheuristic Algorithm for Optimal Capacitor Allocation in Electric Distribution Networks, 2017 2nd International Conference on Software, Multimedia and Communication Engineering (SMCE 2017), Shanghai, China, pp. 327- 332, 2017 (EI Compendex) 10.12783/dtcse/smce2017/12448
51.	6.66	Nicutor Toma, Mihai Gavrilăș, Bogdan-Constantin Neagu , Application of smart metering systems for energy losses assessment and forecasting in distribution systems, Prace Naukowe Politechniki Śląskiej. Elektryka, Wydawnictwo Politechniki Śląskiej, nr. 1, pp. 51-57, Polonia, 2018, (Index Copernicus, getCITED, Ulrich's).
52.	6.66	Vladut Birjar, Bogdan-Constantin Neagu , Mugurel Rotariu, A Load Flow Comparative Analysis using Commercial Power Systems Tools, Buletinul Institutului Politehnic din Iași, secția Electrotehnică. Energetică. Electronică, Vol. 64 (68), No. 4, 2018, ISSN 1223-8139, p. 139-148 (CNCSIS B+, Index Copernicus, Ulrich's), http://www.bulipi-eee.tuiasi.ro/archive/2018/fasc.4/2018f4contents.pdf .
53.	10	Bogdan-Constantin Neagu , Mugurel Rotariu, An Intelligent Solution for Power Losses Minimization in Electric Distribution Systems, Buletinul Institutului Politehnic din Iași, secția Electrotehnică. Energetică. Electronică, Vol. 63 (67), No. 4, 2017, ISSN 1223-8139, p. 79-92 (CNCSIS B+, Index Copernicus, Ulrich's), http://www.bulipi-eee.tuiasi.ro/archive/2016/fasc.2/2017f4contents.pdf
54.	6.66	Bogdan-Constantin Neagu , Gheorghe Georgescu, Ovidiu Ivanov, Determining Additional Power and Energy Losses in Low Voltage Electricity Distribution Networks Operated in Distorted and Unbalanced Operation States, Buletinul Institutului Politehnic din Iași, secția Electrotehnică. Energetică. Electronică, Vol. 63 (67), No. 1, 2017, ISSN 1223-8139, pp. 97-110 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), http://www.bulipi-eee.tuiasi.ro/archive/2017/fasc.2/p8_f1_2017.pdf .
55.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Ovidiu Ivanov, The Evaluation of Active Power Losses in Low Voltage Distribution Systems Operated in Distorting Steady State, Buletinul Institutului Politehnic din Iași, secția Electrotehnică. Energetică. Electronică, Vol. 62 (66), No. 2, 2016, ISSN 1223-8139, p. 97-109 (CNCSIS B+, Index Copernicus), http://www.bulipi-eee.tuiasi.ro/archive/2016/fasc.2/2016f2contents.pdf
56.	6.66	Bogdan-Constantin Neagu , Gheorghe Georgescu, Ovidiu Ivanov, Voltage Quality Analysis in Low Voltage Public Electric Distribution Networks Operated in Distorted and Unbalanced Conditions, Buletinul Institutului Politehnic din Iași, secția Electrotehnică. Energetică. Electronică, Vol. 62 (66), No. 2, 2016, p. 81-95 (CNCSIS B+, Index Copernicus), http://www.bulipi-eee.tuiasi.ro/archive/2016/fasc.2/2016f2contents.pdf
57.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, Aspecte privind funcționarea rețelelor electrice de distribuție de joasă tensiune în regim permanent nesinusoidal, Revista Energetica, nr. 2, pp. 60-64, 2016 (CNCSIS B+, Index Copernicus), http://ire.ro/assets/Resources/2016/Numarul%202/energetica-02-2016.pdf .
58.	10	Gheorghe Grigoraș, Bogdan-Constantin Neagu , Market Clearing Price Forecasting in Deregulated Electricity Markets Using a Fuzzy Approach, Acta Electrotehnica, Vo. 56, Nr. 3, pp. 113-116, 2015, ISSN : 1841-3323 (EBSCO) - cod CNCSIS: 576.
59.	10	Bogdan-Constantin Neagu , Gheorghe Grigoraș, Data Mining Tools in Electricity Distribution Systems, Acta Electrotehnica, Vol. 56, Nr. 3, pp. 209-212, 2015, ISSN : 1841-3323 (EBSCO) - cod CNCSIS: 576.
60.	10	Mugurel Rotariu, Bogdan-Constantin Neagu , Human Factor Modelling Using Markov

		Method, Buletinul Institutului Politehnic din Iași, Tomul LXI (LXV), Fasc. 4, pp. 117-132, 2015. (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2015/fasc.4/p10_f4.pdf .
61.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Influence of the Thermal Power Plant Withdrawal on 110 kV Network Steady State, Buletinul Institutului Politehnic din Iași, Tomul LXI (LXV), Fasc. 2, pp. 103-115, 2015. (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), http://www.bulipi-eee.tuiasi.ro/archive/2015/fasc.2/p10_f
62.	10	Razvan Pricope, Bogdan-Constantin Neagu , Optimal Reconfiguration of a Wind Farm Power Distribution Network, Buletinul Institutului Politehnic din Iași, Tomul LXI (LXV), Fasc. 2, pp. 91-102, 2015. (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2015/fasc.2/p9_f2_2015.pdf .
63.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Mathematic Model and Application for Harmonic Steady-State of the Power Transmission Line, Buletinul Institutului Politehnic din Iași, Tomul LXI (LXV), Fasc. 1, pp. 79-98, 2015. (CNCSIS B+, Index Copernicus), http://www.bulipi-eee.tuiasi.ro/archive/2015/fasc.1/p8_f1_2015.pdf .
64.	6.66	Bogdan-Constantin Neagu , Gheorghe Grigoraș, Florina Scarlatache, Managementul sarcinii în contextul integrării contorizării inteligente în rețelele electrice de distribuție, Revista Energetica, nr. 4, vol. 71, pp. 82-88, 2015, ISSN 1453-2360 (CNCSIS B+, Index Copernicus),
65.	6.66	Florina Scarlatache, Gheorghe Grigoraș, Bogdan-Constantin Neagu , Impactul generarii distribuite asupra reglajului de tensiune in rețelele electrice de distributie, Revista Energetica, Vol. 62, ISSN: 1453-2360, nr. 3, pp. 105-110, 2014 (CNCSIS B+, Index Copernicus).
66.	20	Bogdan-Constantin Neagu , Power Flow Optimization Using Booster Transformers in High Voltage Distribution Networks, Buletinul Institutului Politehnic din Iași, Tomul LX (LXIV), Fasc. 3, pp. 95-105, 2014. (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2014/fasc.1/p9_f3_2014.pdf .
67.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Monitoring Possibilities and Steady-State Analysis of Electric Energy Repartition Networks, Buletinul Institutului Politehnic din Iași, Tomul LX (LXIV), Fasc. 2, pp. 93-109, 2014. (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), http://www.bulipi-eee.tuiasi.ro/archive/2014/fasc.2/p6_f22014.pdf .
68.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, Possibilities of Load Curves Modelling in Electric Energy Distribution Networks, Buletinul Institutului Politehnic din Iași, Tomul LX (LXIV), Fasc. 1, pp. 89-102, 2014. (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), http://www.bulipi-eee.tuiasi.ro/archive/2014/fasc.1/p8_f1_2014.pdf .
69.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, A Comparative Study Regarding the Efficiency of Technical Losses Evaluation Methods in Low Voltage Electricity Networks, The 4th International Symposium on Electrical Engineering and Energy Converters – WESC 2012, Suceava, Buletinul AGIR nr. 3, pp. 603-610, 2012 (Index Copernicus, getCITED) http://www.agir.ro/buletine/1443.pdf .
70.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, Optimization possibilities for radial electric energy distribution network routes, Buletinul Institutului Politehnic din Iași, Tomul LIX (LXIII), Fasc. 1, pp.133-142, 2013 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), http://www.bulipi-eee.tuiasi.ro/archive/2013/fasc.1/p12_f1_2013.pdf .
71.	6.66	Bogdan-Constantin Neagu , Gheorghe Georgescu, Mircea Dan Gușă, Aspecte privind o serie de modele matematice și programe de calcul destinate evaluării în exploatare a pierderilor tehnice în elementele rețelelor publice de distribuție în regimurile simetrice, Revista Tehnologiile Energiei. Producerea, transportul și distribuția energiei electrice, nr. 7, pp. 7-17, 2013 (CNCSIS B+, Index Copernicus), http://www.icemenerg.ro/RevistaTehnologiileEnergiei/RevTE%20rezrom%202013.htm .
72.	6.66	Gheorghe Georgescu, Bogdan-Constantin Neagu , Eduard Pavelescu, The Economic Usability Factor Analysis of Power Transformer from Electric Energy Repartition Systems, Bul. Instit. Politehnic din Iași, Tomul LIX (LXIII), Fasc. 1, pp. 119-132, 2013 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2013/fasc.2/p7_f2_2013.pdf .
73.	6.66	Gheorghe Georgescu, Bogdan-Constantin Neagu , Eduard Pavelescu, The Economic

		Usability Factor Analysis of 110 kV Lines from Electric Energy Repartition Systems, Buletinul Institutului Politehnic din Iași, Tomul LIX (LXIII), Fasc. 2, pp.75-92, 2013 (CNCSIS B+, INSPEC, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2013/fasc.1/p11_f1_2013.pdf .
74.	6.66	Bogdan-Constantin Neagu , Gheorghe Georgescu, Ovidiu Ivanov, A New Approach for Electric Energy Distribution Network Routes Optimization, Buletinul Institutului Politehnic din Iași, Tomul LIX (LXIII), Fasc. 3, 2013, ISSN 1223-8139, p. 129-140 (ISI, INSPEC) http://www.bulipi-eee.tuiasi.ro/archive/2013/fasc.3/2013f3sumar.pdf
75.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, A Comparative Study Regarding the Efficiency of Technical Losses Evaluation Methods in Low Voltage Electricity Networks, The 4th International Symposium on Electrical Engineering and Energy Converters – WESC 2012, Suceava, Buletinul AGIR nr. 3, pp. 603-610, 2012 (CNCSIS B+, Index Copernicus) – (www.buletinulagir.agir.ro/articol.php?id=1443).
76.	6.66	Bogdan-Constantin Neagu , Gheorghe Georgescu, Mircea Dan Gușă, Distorting State Analysis in Electric Energy Distribution Networks, Buletinul Institutului Politehnic din Iași, Tomul LVIII (LXII), Fasc. 4, pp. 97-108, 2012 (ISI, Index Copernicus), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2012/fasc.4/p10_f4_2012.pdf .
77.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Power Quality and Reactive Power Sources Management from Distribution Dispatch Point of View at Distribution Operator Level, Buletinul Institutului Politehnic din Iași, Tomul LVIII (LXII), F. 1, pp. 125-138, 2012 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2012/fasc.1/p12_f1_2012.pdf
78.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Aspects Regarding the Power Quality in Electric Energy Repartition and Distribution Systems, Buletinul Institutului Politehnic din Iași, Tomul LVIII (LXII), Fasc. 3, pp. 265-270, 2012 (CNCSIS B+, Index Copernicus), http://www.bulipi-eee.tuiasi.ro/archive/2012/fasc.3/p14_f3_2012.pdf .
79.	6.66	Bogdan-Constantin Neagu , Gheorghe Georgescu, Mircea Dan Gușă, Mathematical Methods for Technical Active Power and Energy Loss Evaluation in Operation Using Typical Load Profiles of the Consumers from Repartition Systems, 4th International Conference on Modern Power Systems – MPS 2011, pp. 139-142, 2011 (Ulrich's) https://ie.utcluj.ro/files/a/2011/Number5/Cuprins%20Proceedings%20MPS%202011.pdf .
80.	6.66	Bogdan-Constantin Neagu , Gheorghe Georgescu, Mircea Dan Gușă, Load Curves Characteristics of Consumers Supplied from Electricity Repartition and Distribution Public Systems, Buletinul Institutului Politehnic din Iași, Tomul LVII (LXI), F. 1, 2011, pp. 141-157 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2011/fasc.1/p12_f1_2011.pdf .
81.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, Issues of Load Forecast and Consumption Profiling Process in Electricity Repartition and Distribution Systems, The 4th International Symposium on Electrical Engineering and Energy Converters – ELS 2011, Suceava, pp. 215-220 (Index Copernicus), http://www.agir.ro/buletine/1071.pdf
82.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Opportunities Evaluation in Operation of the Technical Losses Under Load from Low Voltage Networks in Symmetric State, Buletinul Institutului Politehnic din Iași, Tomul LVII (LXI), F. 5, pp. 159-174, 2011, (Index Copernicus), www.bulipi-eee.tuiasi.ro/archive/2011/fasc.2/p12_f2_2011.pdf .
83.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, The Load Curves Profiling and their Parameters of Different Consumer Categories Supplied from Electric Energy Repartition and Distribution Systems, Bul.Instit. Polit. Iași, Tomul LVII, F. 4, 2011, pp. 167-178 (Index Copernicus), http://www.bulipi-eee.tuiasi.ro/archive/2011/fasc.4/p18_f4_2011.pdf .
84.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Some Aspects Concerning the Mathematical Models and Software Application for Evaluation of Technical Losses in Operation of Medium Voltage Public Distribution Networks, Buletinul Institutului Politehnic din Iași, Tomul LVII (LXI), F. 5, pp.129-144, 2011 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2011/fasc.5/p15_f5_2011.pdf .
85.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Aspects Regarding the Improvement of Supply Quality in Public Electricity Distribution Systems, Buletinul Institutului Politehnic din Iași, Tomul LVI (LX), F. 3, pp. 83-94, 2010 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-

		eee.tuiasi.ro/archive/2010/fasc.3/en/r9_f3_2010.pdf
86.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, Load and Energy Forecast on a Proximate, Medium and Long Horizon in Public Electricity Repartition and Distribution Systems, Buletinul Institutului Politehnic din Iași, Tomul LVI (LX), Fasc. 3, 2010, pp. 71-82 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2010/fasc.3/en/r8f3_2010en.pdf .
87.	6.66	Viorel Varvara, Gheorghe Georgescu, Bogdan-Constantin Neagu , Analysis of the Distortion State in Public Electrical Power Supply Systems, The International Conference on Engineering of Modern Electric Systems - EMES'09, Analele Universității din Oradea, Fascicula de energetică, vol.15, pp. 148-153, 2009 (CNCSIS B+, Index Copernicus, EBSCO), http://www.energy-cie.ro/archives/2009/p1-29.pdf .
88.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , The Pollution with Harmonics in Public Electric Energy Repartition and Distribution Systems, The 3rd International Symposium on Electrical Engineering and Energy Converters – ELS2009, Suceava, pp. 245-250, 2009, (CNCSIS B+, Index Copernicus, EBSCO) http://www.els.usv.ro/pagini/past_editions/ELS%202009/E1.05_GEORGESCU%20Gheorghe%20(2).pdf .
89.	10	Gheorghe Georgescu, Bogdan-Constantin Neagu , Possibilities of Surveying Electric Load and Daily Load Curves for the Profiling of Consumption in Public Energy Repartition and Distribution Systems, The 3rd International Symposium on Electrical Engineering and Energy Converters – ELS2009, Suceava, pp. 245-250, 2009, (Index Copernicus,) http://www.els.usv.ro//ELS2009/E1.05_GEORGESCU%20Gheorghe%20(1).pdf
90.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, Some Aspects Regarding the Distortion State in Public Power Distribution Systems, The 4th edition of Interdisciplinarity in Engineering International Conference – Inter-Eng 2009, Târgu Mureș, 2009, pp. 25-30 ((CNCSIS B+, Index Copernicus, EBSCO www.inter-eng.upm.ro/2009/files/proceedings/papers/paper4.pdf).
91.	10	Bogdan-Constantin Neagu , Gheorghe Georgescu, Remarks on Power Flow Optimization in Public Electricity Repartition Systems, The 4th edition of the Interdisciplinary in Engineering International Conference – Inter-Eng 2009, Târgu Mureș, 2009, pp. 31-36, (CNCSIS B+, Index Copernicus, EBSCO www.inter-eng.upm.ro/2009/files/proceedings/papers/paper5.pdf).
92.	6.66	Gheorghe Georgescu, Viorel Varvara, Bogdan-Constantin Neagu , The Estimation of the Voltage Level in Public Electric Energy Repartition Networks Using Artificial Neuronal Networks, Buletinul Institutului Politehnic din Iași, Tomul LV (LIX), F. 3, pp. 111-122, 2009 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2009/fasc.3/en/r10f3_2009en.pdf
93.	6.66	Gheorghe Georgescu, Viorel Varvara, Bogdan-Constantin Neagu , The Estimation and Time Evolution of the Distortion State in Public Electric Energy Repartition and Distribution Systems, Buletinul Institutului Politehnic din Iași, Tomul LV (LIX), F. 4, pp. 99-111, 2009 (CNCSIS B+, Index Copernicus), ISSN 1223-8139, http://www.bulipi-eee.tuiasi.ro/archive/2009/fasc.4/en/r9_f42009_en.pdf .
TOTAL	629.99	

2.4. Granturi/proiecte castigate prin competiție

Nr. Crt.	Subcategorii (National / International)	Rezultate (punctaje)	Titlul proiectului	Calitate (director/membru in echipa)	Valoare (RON)	Valoare (EUR)
0	1	2	3	4	5	6
1.	National	1 x 10 = 10	<i>Platformă software inovativă pentru managementul energetic al consumatorilor finali în vederea creșterii eficienței energetice și a reducerii emisiilor de carbon, Grant PN-III-P2-2.1-CI-2018-1017, Contract nr. 174CI din 04/07/2018</i>	Director /Responsabil proiect	49990	10891
2.	National	1 x 10 = 10	<i>Management inteligent a centralelor electrice virtuale cu ajutorul</i>	Director /Responsabil	49750	10839

Nr. Crt.	Subcategorii (National / International)	Rezultate (punctaje)	Titlul proiectului	Calitate (director/membru în echipă)	Valoare (RON)	Valoare (EUR)
0	1	2	3	4	5	6
			platformelor software bazate pe inteligența artificială, în contextul competitivității energetice Europene, Grant PN-III-P2-2.1-CI-2018-1011, Contract nr. 173CI din 02/07/2018	proiect		
3.	International	4 x 2 = 8	2SOFT/1.2/66, din cadrul programului "Joint Operational Programme Romania – Republic of Moldova 2014 – 2020" finanțat prin ENI CBC, cu titlul "Research and promotion of highly efficient energy generation through trigeneration by using solar renewable resources for getting electricity, heat and cold and purchasing of equipment" 2020-2022	Membru	48979	9796
4.	National	2 x 3 = 6	Holistica impactului surselor regenerabile de energie asupra mediului și climei-HORESEC, Grant PN-III-P1-1.2-PCCDI-2017-0404 / 31PCCDI, 2018-2021	Membru	5287500	1079081
5.	National	1 x 2 = 2	Platforma software de asistare a deciziilor în proiectarea ecologică optimă a instalațiilor electrice cu producere și stocare locală a energiei, în contextul creșterii eficienței energetice, Grant PN-III-P2-2.1-CI-2018-1128, Contract 192CI/25.07.2018	Membru	50000	10893
6.	International	4 x 2 = 8	COFUND-MANUNET III-AniConFilm 18/2018 Manufacturing technology of nanostructured anisotropic conductive films with tailored architecture under electromagnetic field for electronics and biomedical applications, 2018-2020	Membru	492100	98420
7.	International	4 x 2 = 8	COFUND-MANUNET III-STEWART 22/2018, SorTing system for dEmolition Waste based on advanced RoboTics, 2018-2020	Membru	485137	97027
8.	International	4 x 2 = 8	COFUND-MANUNET III- PRINTPoC 17/2018, Improving PRINTing manufacturing technologies for affordable PoC self-testing analysis systems, 2018-2020	Membru	382700	76540
9.	National	1 x 2 = 2	Platforma de management și control integrat al fluxurilor purtătorilor de energie în scopul creșterii eficienței energetice la IMM-uri, Grant PN-III-P2-2.1-CI-2017-0190, Contract 105CI /25.07.2017	Membru	50000	10893
10.	International	4 x 3 = 12	Terapie Hipertermo-chemoterapica combinată pentru controlul tumorilor hepatice, bazată pe activarea cu microunde a unor nanostructuri funcționalizate imobilizate subendotelioan, Colab PN III ERA NET 4-002/2012, beneficiar Universitatea Tehnică „Gheorghe Asachi” din Iași, durata contractului 2012-2014	Membru	790350	158070
11.	International	4 x 4 = 16	PN III ERA NET Contract nr. 50/2016 – Nanoterminale și arhitecturi inovatoare pentru aplicații integrate	Membru	447750	89550

Nr. Crt.	Subcategorii (National / International)	Rezultate (punctaje)	Titlul proiectului	Calitate (director/membru in echipa)	Valoare (RON)	Valoare (EUR)
0	1	2	3	4	5	6
			de captare a energiei piezoelectrice, 2016-2019			
12.	International	4 x 3 = 12	PN III ERA NET Contract nr. 84/2016 - SMART URBAN ISLE- Smart bioclimatic low-carbon urban areas as innovative energy isles in the sustainable city, 2016-2018	Membru	710968	142194
13.	National	1 x 2 = 2	Instrument software pentru gestiunea tranzactiilor pe piata de energie electrica, Grant PN-III-P2-2.1-CI-2017-0328, Contract 45CI/25.07.2017	Membru	50000	10893
14.	National	3 x 2 = 6	Contract nr. 9/2015 Senzori integrati cu caracteristici microfluidice folosind tehnologia LTCC, 2014-2017	Membru	281750	56350
15.	National	3 x 2 = 6	Tehnologii inovative de asamblare – dezasamblare a componentelor nemetalice industriale, bazate pe adezivi electro - activi nano-structurați, Contract de cercetare nr. 7-042/09.05.2011 (MAGBOND), beneficiar Universitatea Tehnică „Gheorghe Asachi” din Iași, durata contractului 2011-2012	Membru	628919	125784
16.	National	3 x 2 = 6	Dezvoltarea de bio-senzori prin intermediul unei tehnologii inovative de electro - acoperire a structurilor carbonice cu polimeri activi. Contract de cercetare nr. 7-038/13.05.2011 (CARBIOSENSE), beneficiar Universitatea Tehnică „Gheorghe Asachi” din Iași, durata contractului 2011-2013	Membru	381281	76256
Total		122				

2.5. Contracte de cercetare / consultanță (valoare echivalentă de minim 2000 EUR)

Nr. Crt.	Subcategorii (National / International)	Rezultate (punctaje)	Titlul proiectului	Calitate (director/membru in echipa)	Valoare (RON)	Valoare (EUR)
0	1	2	3	4	5	6
1.						
2.	National	2 x 1 = 2	Determinarea anuală și/sau trimestrială a Prognozei de Consum Propriu Tehnologic, pentru rețeaua de energie electrică din zona de activitate DEGR pentru fiecare an cuprins în perioada 2023- 2028 aferenta judetelor Bacau, Botosani, Iasi, Neamt, Suceava si Vaslui, contract nr. 48734/19.12.2022, valoarea 11128 Euro, lei.	Membru	55640	11130
3.	National	2 x 1 = 2	Determinarea anuală și/sau trimestrială a prognozei de consum propriu tehnologic pentru rețeaua de energie electrica din zona de activitate a Delgaz Grid. S.A. pentru anul 2019 Contract nr. 1350P / 14.02.2019	Membru	35000	7000
4.	National	2 x 2 = 4	Determinarea anuală și/sau trimestrială a prognozei de consum propriu tehnologic pentru rețeaua de energie electrica din zona de activitate a Delgaz Grid. S.A. pentru anul 2018 Contract nr. 3105P / 14.02.2018	Membru	46500	9981
5.	National	2 x 2 = 4	Determinarea anuală și/sau trimestrială a prognozei de consum propriu tehnologic	Membru	44888	9887

			<i>pentru rețeaua de energie electrică din zona de activitate a Delgaz Grid. S.A.Contract nr. 448P/15.03.2017</i>			
6.	National	1 x 2 = 2	<i>Prestări servicii cercetare: prelucrare MST instantanee și stabilire locații MST 1 zi, Contract nr. 12697/05.07.2017, beneficiar: Delgaz Grid S.A</i>	Membru	9783	2000
7.	National	2 x 2 = 4	<i>Elaborare studiu - Servicii de consultanță de specialitate în proiectul EON Moldova Distribuție de reducere a pierderilor tehnice în rețelele de distribuție a energiei electrice pentru perioada 2016; Contract nr. 684P / 21.04.2016; beneficiar: EON Distribuție Romania S.A. - Membru</i>	Membru	60000	13483
8.	National	2 x 2 = 4	<i>Elaborare studiu - Servicii de consultanță de specialitate în proiectul EON Moldova Distribuție de reducere a pierderilor tehnice în rețelele de distribuție a energiei electrice pentru perioada 2014-2015, Contract nr. 1398P / 08.10.2014, beneficiar: E.ON Moldova Distribuție S.A. - Membru</i>	Membru	19400 0	43654
9.	National	1 x 2 = 2	<i>Servicii de consultanță privitoare la conformitatea întocmirii normei de consum propriu tehnologic în rețelele de distribuție pentru anul 2013, Contract nr. 26 /2014, beneficiar: E.ON Moldova Distribuție S.A. - Membru</i>	Membru	10000	2000
TOTAL		24				

3. RECUNOASTERE SI IMPACTUL ACTIVITATII (A3)

3.1 Citări în reviste și volumele conferințelor indexate WOS/BDI

Nr. crt.	Nr. citări	Lucrarea citată	Nr. autori	461.78	Punctaj
	L1	Patel, Jigna, Anand Ruparelia, Sudeep Tanwar, Fayez Alqahtani, Amr Tolba, Ravi Sharma, Maria Simona Raboaca, and Bogdan Constantin Neagu. "Deep Learning-Based Model for Detection of Brinjal Weed in the Era of Precision Agriculture." <i>Computers, Materials & Continua</i> 77, no. 1 (2023).	8	0.63	5
		Lucrarea care citează	Tip		
1	1	García-Navarrete, Oscar Leonardo, Adriana Correa-Guimaraes, and Luis Manuel Navas-Gracia. "Application of Convolutional Neural Networks in Weed Detection and Identification: A Systematic Review." <i>Agriculture</i> 14, no. 4 (2023): 568.	ISI		5
		Lucrarea citată	Nr. autori		
	L2	Banu, Ioan Viorel, Fadila Barkat, Marcel Istrate, Josep M. Guerrero, George Culea, Petru Livinti, Justina G. Motas, Bogdan Neagu, and Dragos Andrioaia. "Passive anti-Islanding protection for Three-Phase Grid-Connected photovoltaic power systems." <i>International Journal of Electrical Power & Energy Systems</i> 148 (2023): 108946.	9	2.22	20
		Lucrarea care citează	TIP		
2	1	Maghami, Mohammad Reza, Jagadeesh Pasupuleti, and Janaka Ekanayake. "Energy storage and demand response as hybrid mitigation technique for photovoltaic grid connection: Challenges and future trends." <i>Journal of Energy Storage</i> 88 (2023): 111680.	ISI		5
3	2	Abo-Khalil, Ahmed G., Maaza Abdalla, Ramesh C. Bansal, and Nsilulu T. Mbungu. "A critical assessment of islanding detection methods of solar photovoltaic systems." <i>Case Studies in Thermal Engineering</i> 52 (2023): 103681.	ISI		5
4	3	Rizvi, Syed Muhammad, Ahmed Abu-Siada, Narottam Das, Md Fatin Ishraque, and Sk A. Shezan. "Active power sharing method for microgrids with multiple dispatchable generation units using modified FFC and IFC mode controller." <i>IEEE Access</i> (2023).	ISI		5
5	4	Seguin Batadi, Eduardo Marcelo, Maximiliano Martínez, and Marcelo	ISI		5

		Gustavo Molina. "Bayesian Entropy Methodology: A Novel Approach to Setting Anti-Islanding Protections with Enhanced Stability and Sensibility." Energies 17, no. 3 (2023): 693.			
		Lucrarea citată	Nr. autori		
	L3	Jasim, Ali M., Basil H. Jasim, Bogdan-Constantin Neagu, and Simo Attila. "Electric Vehicle Battery-Connected Parallel Distribution Generators for Intelligent Demand Management in Smart Microgrids." Energies 16, no. 6 (2023): 2570.	4	2.50	10
		Lucrarea care citează	TIP		
6	1	Thankachamb, Dolly, Senthamizh Selvi Ranganathan, Praba Devi Pachamuthu, Vasanth Ravi, Geethalakshmi Manickam, and Manjunathan Alagarsamy. "Deep Learning-Enabled Holistic Control and Prediction System for Building Energy Consumption and Distribution Optimization." Electric Power Components and Systems (2023): 1-15.	ISI		5
7	2	Xu, Chenhui, and Yunkai Huang. "Integrated Demand Response in Multi-Energy Microgrids: A Deep Reinforcement Learning-Based Approach." Energies 16, no. 12 (2023): 4769.	ISI		5
		Lucrarea citată	Nr. autori		
	L4	Jasim, Ali M., Basil H. Jasim, Florin-Constantin Baiceanu, and Bogdan-Constantin Neagu. "Optimized sizing of energy management system for off-grid hybrid solar/wind/battery/biogasifier/diesel microgrid system." Mathematics 11, no. 5 (2023): 1248.	4	10.00	40
		Lucrarea care citează	TIP		
8	1	Tajjour, Salwan, and Shyam Singh Chandel. "A comprehensive review on sustainable energy management systems for optimal operation of future-generation of solar microgrids." Sustainable Energy Technologies and Assessments 58 (2023): 103377.	ISI		5
9	2	Żołądek, Maciej, Rafał Figaj, Alexandros Kafetzis, and Kyriakos Panopoulos. "Energy-economic assessment of self-sufficient microgrid based on wind turbine, photovoltaic field, wood gasifier, battery, and hydrogen energy storage." International Journal of Hydrogen Energy 52 (2023): 728-744.	ISI		5
10	3	Güven, Aykut Fatih, N. U. R. A. N. Yörükeren, Elsayed Tag-Eldin, and Mohamed Mahmoud Samy. "Multi-objective optimization of an islanded green energy system utilizing sophisticated hybrid metaheuristic approach." IEEE Access (2023).	ISI		5
11	5	Raeisi, H. A., and S. M. Sadeghzadeh. "Energy?Economic?Environmental Analysis of On?Grid Solar System for Electricity and Hydrogen Production at Homemade Scale: Effect of Different Shades." International Transactions on Electrical Energy Systems 2023, no. 1 (2023): 3345533.	ISI		5
12	8	Kunatsa, Tawanda, Herman C. Myburgh, and Allan De Freitas. "Optimal Power Flow Management for a Solar PV-Powered Soldier-Level Pico-Grid." Energies 17, no. 2 (2023): 459.	ISI		5
13	10	Jarraya, Imen, Fatma Abdelhedi, and Nassim Rizoug. "An Innovative Power Management Strategy for Hybrid Battery–Supercapacitor Systems in Electric Vehicle." Mathematics 12, no. 1 (2023): 50.	ISI		5
14	11	Hussein Farh, Hassan M. "Neural Network Algorithm with Reinforcement Learning for Microgrid Techno-Economic Optimization." Mathematics 12, no. 2 (2023): 280.	ISI		5
15	16	Abdali, LAYTH MOHAMMED, MUATAZ NAJIM Al-maliki, RASHID HAMEED Hejeejo, HAYDER ABDULSAHIB Issa, BORIS A. Yakimovich, SERGEY E. Shcheklein, VLADIMIR I. Velkin, and VLADIMIR V. Kuvshinov. "COMBINED ENERGY SYSTEMS BASED ON RENEWABLE ENERGY SOURCES." (2023): 7131-7135.	ISI		5
		Lucrarea citată	Nr. autori		
	L5	Parekh, Raj, Nisarg Patel, Rajesh Gupta, Nilesh Kumar Jadav, Sudeep Tanwar, Abdullah Alharbi, Amr Tolba, Bogdan-Constantin Neagu, and Maria Simona Raboaca. "Gefl: Gradient encryption-aided privacy preserved federated learning for autonomous vehicles." IEEE Access 11 (2023): 1825-1839.	9	4.44	40
		Lucrarea care citează	TIP		

16	1	Sirohi, Deepika, Neeraj Kumar, Prashant Singh Rana, Sudeep Tanwar, Rahat Iqbal, and Mohammad Hijji. "Federated learning for 6G-enabled secure communication systems: a comprehensive survey." Artificial Intelligence Review 56, no. 10 (2023): 11297-11389.	ISI		5
17	3	Khan, Rabia, Amjad Mehmood, Carsten Maple, Kevin Curran, and Houbing Herbert Song. "Performance analysis of blockchain-enabled security and privacy algorithms in connected and autonomous vehicles: a comprehensive review." IEEE Transactions on Intelligent Transportation Systems (2023).	ISI		5
18	4	Xu, Wenchao, Haozhao Wang, Zhaoyi Lu, Cunqing Hua, Nan Cheng, and Song Guo. "Mobile collaborative learning over opportunistic internet of vehicles." IEEE Transactions on Mobile Computing 23, no. 4 (2023): 3187-3199.	ISI		5
19	5	Prokop, Katarzyna, and Dawid Połap. "Heuristic-based image stitching algorithm with automation of parameters for smart solutions." Expert Systems with Applications 241 (2023): 122792.	ISI		5
20	6	Zhang, Shiyong, Jun Li, Long Shi, Ming Ding, Dinh C. Nguyen, Wuzheng Tan, Jian Weng, and Zhu Han. "Federated Learning in Intelligent Transportation Systems: Recent Applications and Open Problems." IEEE Transactions on Intelligent Transportation Systems (2023).	ISI		5
21	8	Padaria, AliAsgar, Aryan Alpesh Mehta, Nilesh Kumar Jadav, Sudeep Tanwar, Deepak Garg, Anupam Singh, Giovanni Pau, and Gulshan Sharma. "Traffic Sign Classification for Autonomous Vehicles Using Split and Federated Learning Underlying 5G." IEEE Open Journal of Vehicular Technology (2023).	ISI		5
22	12	Bhatt, Harsh, Nilesh Kumar Jadav, Aparna Kumari, Rajesh Gupta, Sudeep Tanwar, Zdzislaw Polkowski, Amr Tolba, and Azza S. Hassanein. "Artificial neural network-driven federated learning for heart stroke prediction in healthcare 4.0 underlying 5G." Concurrency and Computation: Practice and Experience 36, no. 3 (2023): e7911.	ISI		5
23	14	Adel, Kareem, Ahmed Elhakeem, and Mohamed Marzouk. "Blockchain and Artificial Intelligence: Scientometric Analysis and Visualization." IEEE Access (2023).	ISI		5
		Lucrarea citată	Nr. autori		
	L6	Grigoraș, Gheorghe, Maria Simona Raboaca, Catalin Dumitrescu, Daniela Lucia Manea, Traian Candin Mihaltan, Violeta-Carolina Niculescu, and Bogdan Constantin Neagu. "Contributions to power Grid system analysis based on clustering techniques." Sensors 23, no. 4 (2023): 1895.	7	0.71	5
		Lucrarea care citează	TIP		
24	2	Yumbla, Jairo, Juan M. Home-Ortiz, Tiago Pinto, João PS Catalão, and José RS Mantovani. "Optimal Operational Planning of Distribution Systems: A Neighborhood Search-based Matheuristic Approach." Sustainable Energy, Grids and Networks (2023): 101330.	ISI		5
		Lucrarea citată	Nr. autori		
	L7	Jasim, Ali M., Basil H. Jasim, Bogdan-Constantin Neagu, and Bilal Naji Alhasnawi. "Coordination control of a hybrid AC/DC smart microgrid with online fault detection, diagnostics, and localization using artificial neural networks." Electronics 12, no. 1 (2022): 187.	4	8.75	35
		Lucrarea care citează	TIP		
25	1	Alhasnawi, Bilal Naji, Basil H. Jasim, Vladimír Bureš, Bishoy E. Sedhom, Arshad Naji Alhasnawi, Rabeh Abbassi, Majid Razaq Mohamed Alsemawai, Pierluigi Siano, and Josep M. Guerrero. "A novel economic dispatch in the stand-alone system using improved butterfly optimization algorithm." Energy Strategy Reviews 49 (2023): 101135.	ISI		5
26	3	Jasim, Ali M., Basil H. Jasim, Flah Aymen, Hossam Kotb, and Ahmed Althobaiti. "Consensus-Based Intelligent Distributed Secondary Control for Multiagent Islanded Microgrid." International Transactions on Electrical Energy Systems 2023, no. 1 (2023): 6812351.	ISI		5
27	4	Jasim, Ali M., Basil H. Jasim, Soheil Mohseni, and Alan C. Brent. "Energy internet-based load shifting in smart microgrids: an experimental study." Energies 16, no. 13 (2023): 4957.	ISI		5
28	5	Jasim, Ali M., Basil H. Jasim, Bilal Naji Alhasnawi, Aymen Flah, and Habib Kraiem. "Coordinated Control and Load Shifting-Based Demand Management of a Smart Microgrid Adopting Energy Internet." International	ISI		5

		Transactions on Electrical Energy Systems 2023, no. 1 (2023): 6615150.			
29	6	Jeong, Sunwoo, Akeem Bayo Kareem, Sungwook Song, and Jang-Wook Hur. "ANN-Based Reliability Enhancement of SMPS Aluminum Electrolytic Capacitors in Cold Environments." Energies 16, no. 16 (2023): 6096.	ISI		5
30	7	Monteiro, Vitor, and Joao L. Afonso. "The Future of Electrical Power Grids: A Direction Rooted in Power Electronics." Energies 16, no. 13 (2023): 4929.	ISI		5
31	9	Wu, Po, Jiangnan Zhang, Shengyao Luo, Yanlou Song, Jiawei Zhang, and Yi Wang. "A Fusion Adaptive Cubature Kalman Filter Approach for False Data Injection Attack Detection of DC Microgrids." Electronics 13, no. 9 (2023): 1612.	ISI		5
		Lucrarea citată	Nr. autori		
	L8	Jasim, Ali M., Basil H. Jasim, Bogdan-Constantin Neagu, and Bilal Naji Alhasnawi. "Efficient optimization algorithm-based demand-side management program for smart grid residential load." Axioms 12, no. 1 (2022): 33.	4	15.00	60
		Lucrarea care citează	TIP		
32	1	Jasim, Ali M., Basil H. Jasim, Aymen Flah, Vadim Bolshev, and Lucian Mihet-Popa. "A new optimized demand management system for smart grid-based residential buildings adopting renewable and storage energies." Energy Reports 9 (2023): 4018-4035.	ISI		5
33	2	Shaikh, Abdul Khaliq, Amrii Nazir, Nadia Khaliq, Abdul Salam Shah, and Naresh Adhikari. "A new approach to seasonal energy consumption forecasting using temporal convolutional networks." Results in Engineering 19 (2023): 101296.	ISI		5
34	5	Elazab, Rasha, Ahmed T. Abdelnaby, H. E. Keshta, and A. A. Ali. "Optimal techno-economic feasibility analysis of a grid-tied microgrid considering demand response strategy." Electric Power Systems Research 224 (2023): 109768.	ISI		5
35	6	Jasim, Ali M., Basil H. Jasim, Soheil Mohseni, and Alan C. Brent. "Energy internet-based load shifting in smart microgrids: an experimental study." Energies 16, no. 13 (2023): 4957.	ISI		5
36	7	Jasim, Ali M., Basil H. Jasim, Bilal Naji Alhasnawi, Aymen Flah, and Habib Kraiem. "Coordinated Control and Load Shifting-Based Demand Management of a Smart Microgrid Adopting Energy Internet." International Transactions on Electrical Energy Systems 2023, no. 1 (2023): 6615150.	ISI		5
37	9	Kampik, Marian, Marcin Fice, Adam Piłśniak, Krzysztof Bodzek, and Anna Piaskowy. "An analysis of energy consumption in small-and medium-sized buildings." Energies 16, no. 3 (2023): 1536.	ISI		5
38	10	Tigane, Samir, Fayçal Guerrouf, Nadia Hamani, Laid Kahloul, Mohamed Khalgui, and Masood Ashraf Ali. "Dynamic timed automata for reconfigurable system modeling and verification." Axioms 12, no. 3 (2023): 230.	ISI		5
39	11	Elazab, Rasha, Ahmed T. Abdelnaby, and A. A. Ali. "A comparative study of advanced evolutionary algorithms for optimizing microgrid performance under dynamic pricing conditions." Scientific Reports 14, no. 1 (2023): 4548.	ISI		5
40	12	Ahakonye, Love Allen Chijioke, Cosmas Ifeanyi Nwakanma, Jae-Min Lee, and Dong-Seong Kim. "Low computational cost convolutional neural network for smart grid frequency stability prediction." Internet of Things 25 (2023): 101086.	ISI		5
41	13	Kumar, Manoj, Bharatiraja Chokkalingam, and S. Devakirubakaran. "Demand side management using optimization strategies for efficient electric vehicle load management in modern power grids." Plos one 19, no. 3 (2023): e0300803.	ISI		5
42	14	Sornalakshmi, M., J. Jude Moses Anto Devakanth, R. Rajalakshmi, and P. Velmurugadass. "An energy-aware heart disease prediction system using ESMO and optimal deep learning model for healthcare monitoring in IoT." Journal of Biomolecular Structure and Dynamics (2023): 1-15.	ISI		5
43	17	Kang, Ti, Huaqing Li, and Lifeng Zheng. "Aggregative Game for Distributed Charging Strategy of PEVs in a Smart Charging Station." Axioms 12, no. 2 (2023): 186.	ISI		5
		Lucrarea citată	Nr. autori		
	L9	Robin Singh Chouhan, Anand Singh Rajawat, SB Goyal, Pradeep Bedi, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma. "	7	0.71	5

		Experimental Analysis for Position Estimation using Trilateration and RSSI in Industry 4.0" In 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 904-908, IEEE (2022)			
		Lucrarea care citează	TIP		
44	3	Cieřkowski, Maciej, and Rafał Kociszewski. "Fast 50 Hz Updated Static Infrared Positioning System Based on Triangulation Method." Sensors 24, no. 5 (2023): 1389.	ISI		5
		Lucrarea citată	Nr. autori		
	L10	Anand Singh Rajawat, SB Goyal, Pradeep Bedi, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma. "Cyber-physical system for industrial automation using quantum deep learning" In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 897-903, IEEE (2022)	6	0.83	5
		Lucrarea care citează	TIP		
45	5	Han, Huimin, Jun Yao, Yujun Wu, Yingyan Dou, and Jingjuan Fu. "Quantum communication based cyber security analysis using artificial intelligence with IoT." Optical and Quantum Electronics 56, no. 4 (2023): 565.	ISI		5
		Lucrarea citată	Nr. autori		
	L11	Piyush Pant, Anand Singh Rajawat, SB Goyal, Deepmala Singh, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma, "Using machine learning for Industry 5.0 efficiency prediction based on security and proposing models to enhance efficiency" In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 909-914, IEEE (2022)	7	0.71	5
		Lucrarea care citează	TIP		
46	2	Pant, Piyush, Anand Singh Rajawat, S. B. Goyal, Prasun Chakrabarti, Pradeep Bedi, and Ayodeji Olalekan Salau. "Machine learning-based approach to predict ice meltdown in glaciers due to climate change and solutions." Environmental Science and Pollution Research (2023): 1-12.	ISI		5
		Lucrarea citată	Nr. autori		
	L12	Piyush Pant, Anand Singh Rajawat, SB Goyal, Amol Potgantwar, Pradeep Bedi, Maria Simona Raboaca, Neagu Bogdan Constantin, Chaman Verma, "AI based technologies for international space station and space data" In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 19-25, IEEE (2022)	8	0.63	5
		Lucrarea care citează	TIP		
47	2	Pant, Piyush, Anand Singh Rajawat, S. B. Goyal, Prasun Chakrabarti, Pradeep Bedi, and Ayodeji Olalekan Salau. "Machine learning-based approach to predict ice meltdown in glaciers due to climate change and solutions." Environmental Science and Pollution Research (2023): 1-12.	ISI		5
		Lucrarea citată	Nr. autori		
	L13	Anand Singh Rajawat, SB Goyal, Pradeep Bedi, Abhodaya Shrivastava, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma, "Security analysis for threats to patient data in the medical internet of things" In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 248-253, IEEE (2022)	7	0.71	5
		Lucrarea care citează	TIP		
48	1	Czekster, Ricardo M., Paul Grace, Cesar Marcon, Fabiano Hessel, and Silvio C. Cazella. "Challenges and opportunities for conducting dynamic risk assessments in medical IoT." Applied Sciences 13, no. 13 (2023): 7406.	ISI		5
		Lucrarea citată	Nr. autori		
	L14	Jasim, Ali M., Basil H. Jasim, and Bogdan-Constantin Neagu. "A new decentralized PQ control for parallel inverters in grid-tied microgrids propelled by SMC-based buck-boost converters." Electronics 11, no. 23 (2022): 3917.	3	10.00	30
		Lucrarea care citează	TIP		

49	1	El Mezdi, Karim, Abdelmounime El Magri, Aziz Watil, Ilyass El Myasse, Lhoucine Bahatti, Rachid Lajouad, and Hassan Ouabi. "Nonlinear control design and stability analysis of hybrid grid-connected photovoltaic-Battery energy storage system with ANN-MPPT method." Journal of Energy Storage 72 (2023): 108747.	ISI		5
50	3	Jasim, Ali M., Basil H. Jasim, Flah Aymen, Hossam Kotb, and Ahmed Althobaiti. "Consensus-Based Intelligent Distributed Secondary Control for Multiagent Islanded Microgrid." International Transactions on Electrical Energy Systems 2023, no. 1 (2023): 6812351.	ISI		5
51	4	Jasim, Ali M., Basil H. Jasim, Soheil Mohseni, and Alan C. Brent. "Energy internet-based load shifting in smart microgrids: an experimental study." Energies 16, no. 13 (2023): 4957.	ISI		5
52	5	Jasim, Ali M., Basil H. Jasim, Bilal Naji Alhasnawi, Aymen Flah, and Habib Kraiem. "Coordinated Control and Load Shifting-Based Demand Management of a Smart Microgrid Adopting Energy Internet." International Transactions on Electrical Energy Systems 2023, no. 1 (2023): 6615150.	ISI		5
53	6	Jasim, Ali M., Basil H. Jasim, Bogdan-Constantin Neagu, and Simo Attila. "Electric Vehicle Battery-Connected Parallel Distribution Generators for Intelligent Demand Management in Smart Microgrids." Energies 16, no. 6 (2023): 2570.	ISI		5
54	8	Al-Baidhani, Humam, Fabio Corti, Alberto Reatti, and Marian K. Kazmierczuk. "Robust Sliding-Mode Control Design of DC-DC Zeta Converter Operating in Buck and Boost Modes." Mathematics 11, no. 17 (2023): 3791.	ISI		5
		Lucrarea citată	Nr. autori		
	L15	Kakkar, Riya, Rajesh Gupta, Smita Agrawal, Sudeep Tanwar, Ravi Sharma, Ahmed Alkhayyat, Bogdan-Constantin Neagu, and Maria Simona Raboaca. "A Review on Standardizing Electric Vehicles Community Charging Service Operator Infrastructure." Applied Sciences 12, no. 23 (2022): 12096.	8	1.88	15
		Lucrarea care citează	TIP		
55	1	Horváth, Gábor, Attila Bai, Sándor Szegedi, István Lázár, Csongor Máthé, László Huzsvai, Máté Zakar, Zoltán Gabnai, and Tamás Tóth. "A Comprehensive Review of the Distinctive Tendencies of the Diffusion of E-Mobility in Central Europe." Energies 16, no. 14 (2023): 5421.	ISI		5
56	2	Chmielewski, Adrian, Piotr Piórkowski, Jakub Możaryn, and Stepan Ozana. "Sustainable Development of Operational Infrastructure for Electric Vehicles: A Case Study for Poland." Energies 16, no. 11 (2023): 4528.	ISI		5
57	3	Lukočius, Robertas, Žilvinas Nakutis, Andrius Vilkauskas, Ramūnas Deltuva, and Lukas Romikaitis. "Analysis of Coil Systems with Non-Symmetrical Fe Backings for Electrical Vehicle Wireless Charging Applications." Applied Sciences 14, no. 4 (2023): 1380.	ISI		5
		Lucrarea citată	Nr. autori		
	L16	Renjith V Ravi, SB Goyal, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma, Vladimir Kustov, " Monitoring and Control of Electrical Sub Station Using IoT and Cloud" In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), 654-657, IEEE (2022)	6	0.83	5
		Lucrarea care citează	TIP		
58	2	Xia, Sheng, Peizhou Yu, Renchao Xu, and Jihui Yang. "A Review of Environmental Control for Substation Facilities." In 2023 2nd Asian Conference on Frontiers of Power and Energy (ACFPE), pp. 557-563. IEEE, 2023.	ISI		5
		Lucrarea citată	Nr. autori		
	L17	Livia Noroc, Gheorghe Grigoras, Ecaterina Chelaru, Vasilica Dandea, Bogdan-Constantin Neagu, " Voltage Control Strategy Using the Rule-Based Reasoning in LV Distribution Networks with PV Penetration Integrating OLTC-Fitted Transformer" In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), 354-359, IEEE (2022)	5	1.00	5
		Lucrarea care citează	TIP		
59	1	Dandea, Vasilica, and Gheorghe Grigoras. "Expert system integrating rule-	ISI		5

		based reasoning to voltage control in photovoltaic-systems-rich low voltage electric distribution networks: A review and results of a case study." Applied Sciences 13, no. 10 (2023): 6158.			
60	2	Dandea, Vasilica, and Gheorghe Grigoras. "Expert System Integrating Rule-Based Reasoning to Voltage Control in PV-Rich Low Voltage Electric Distribution Networks." (2023).	ISI		0
		Lucrarea citată	Nr. autori		
	L18	Renjith V Ravi, SB Goyal, Bogdan Constantin Neagu, Maria Simona Raboaca, Chaman Verma, " A low-cost industrial automation system using IoT and cloud computing" In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), 649-653, IEEE (2022)	5	2.00	10
		Lucrarea care citează	TIP		
61	1	Mateoiu, Ana-Maria, Adrian Korodi, Anka Stoianovici, and Radu Tira. "Supervisory Monitoring and Control Solution on Android Mobile Devices for the Water Industry 4.0." Sustainability 15, no. 22 (2023): 16022.	ISI		5
62	3	Randhawa, Rajneesh, and Madhvi Verma. "A Comprehensive Review on Recent Advancements in the Field of Internet of Things, Its Challenges and Future Scope." Optoelectronics, Instrumentation and Data Processing 59, no. 1 (2023): 137-147.	ISI		5
		Lucrarea citată	Nr. autori		
	L19	Livia Noroc, Gheorghe Grigoras, Vasilica Dandea, Ecaterina Chelaru, Bogdan-Constantin Neagu, " An efficient voltage control methodology in LV networks integrating PV prosumers using distribution transformers with OLTC" In 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC), 150-155, IEEE (2022)	5	2.00	10
		Lucrarea care citează	TIP		
63	1	Dandea, Vasilica, and Gheorghe Grigoras. "Expert system integrating rule-based reasoning to voltage control in photovoltaic-systems-rich low voltage electric distribution networks: A review and results of a case study." Applied Sciences 13, no. 10 (2023): 6158.	ISI		5
64	3	Dandea, Vasilica, and Gheorghe Grigoras. "Expert System Integrating Rule-Based Reasoning to Voltage Control in PV-Rich Low Voltage Electric Distribution Networks." (2023).	ISI		5
		Lucrarea citată	Nr. autori		
	L20	Mankodiya, Harsh, Priyal Palkhiwala, Rajesh Gupta, Nilesh Kumar Jadav, Sudeep Tanwar, Bogdan-Constantin Neagu, Gheorghe Grigoras, Faye Alqahtani, and Ahmed M. Shehata. "A real-time crowdsensing framework for potential COVID-19 carrier detection using wearable sensors." Mathematics 10, no. 16 (2022): 2927.	9	1.11	10
		Lucrarea care citează	TIP		
65	1	Liu, Yang, Yong Li, Wei Cheng, Weiguang Wang, and Junhua Yang. "A Reputation-Based Collaborative User Recruitment Algorithm in Edge-Aided Mobile Crowdsensing." Applied Sciences 13, no. 10 (2023): 6040.	ISI		5
66	2	Jiang, Zhihan, Vera Van Zoest, Weipeng Deng, Edith CH Ngai, and Jiangchuan Liu. "Leveraging Machine Learning for Disease Diagnoses based on Wearable Devices: A Survey." IEEE Internet of Things Journal (2023).	ISI		5
		Lucrarea citată	Nr. autori		5
	L21	Hathaliya, Jigna, Hetav Modi, Rajesh Gupta, Sudeep Tanwar, Faye Alqahtani, Magdy Elghatwary, Bogdan-Constantin Neagu, and Maria Simona Raboaca. "Stacked Model-Based Classification of Parkinson's Disease Patients Using Imaging Biomarker Data." Biosensors 12, no. 8 (2022): 579.	8	0.63	5
		Lucrarea care citează	TIP		
67	2	Zadoo, Sheerin, Yashwant Singh, and Pradeep Kumar Singh. "Automated Parkinson's Disease Detection: A Review of Techniques, Datasets, Modalities, and Open Challenges." International Journal on Smart Sensing and Intelligent Systems 17, no. 1.	ISI		5

		Lucrarea citată	Nr. autori		
	L22	Hathaliya, Jigna, Raj Parekh, Nisarg Patel, Rajesh Gupta, Sudeep Tanwar, Fayeze Alqahtani, Magdy Elghatwary, Ovidiu Ivanov, Maria Simona Raboaca, and Bogdan-Constantin Neagu. "Convolutional neural network-based Parkinson disease classification using SPECT imaging data." Mathematics 10, no. 15 (2022): 2566.	9	4.44	40
		Lucrarea care citează	TIP		
68	1	Patel, Yogesh, Sudeep Tanwar, Pronaya Bhattacharya, Rajesh Gupta, Turki Alsuwian, Innocent Ewean Davidson, and Thokozile F. Mazibuko. "An improved dense cnn architecture for deepfake image detection." IEEE Access 11 (2023): 22081-22095.	ISI		5
69	2	Jimenez-Mesa, Carmen, Juan E. Arco, Francisco Jesus Martinez-Murcia, John Suckling, Javier Ramirez, and Juan Manuel Gorriz. "Applications of machine learning and deep learning in SPECT and PET imaging: General overview, challenges and future prospects." Pharmacological Research 197 (2023): 106984.	ISI		5
70	3	Yadav, Harshwardhan, Param Shah, Neel Gandhi, Tarjni Vyas, Anuja Nair, Shivani Desai, Lata Gohil et al. "Cnn and bidirectional gru-based heartbeat sound classification architecture for elderly people." Mathematics 11, no. 6 (2023): 1365.	ISI		5
71	4	Patel, Nihar, Nakul Vasani, Rajesh Gupta, Nilesh Kumar Jadav, Sudeep Tanwar, Fayeze Alqahtani, Amr Tolba, and Maria Simona Raboaca. "Convolutional neural network and unmanned aerial vehicle-based public safety framework for human life protection." International Journal of Communication Systems (2023): e5545.	ISI		5
72	5	Khachnaoui, Hajer, Belkacem Chikhaoui, Nawres Khelifa, and Rostom Mabrouk. "Enhanced Parkinson's Disease Diagnosis Through Convolutional Neural Network Models Applied to SPECT DaTSCAN Images." IEEE Access (2023).	ISI		5
73	6	Budenkotte, Thomas, Ivayla Apostolova, Roland Opfer, Julia Krüger, Susanne Klutmann, and Ralph Buchert. "Automated identification of uncertain cases in deep learning-based classification of dopamine transporter SPECT to improve clinical utility and acceptance." European Journal of Nuclear Medicine and Molecular Imaging 51, no. 5 (2023): 1333-1344.	ISI		5
74	7	Şenol, Ali, Tarık Talan, and Cemal Aktürk. "A new hybrid feature reduction method by using MCMSTClustering algorithm with various feature projection methods: a case study on sleep disorder diagnosis." Signal, Image and Video Processing (2023): 1-15.	ISI		5
75..	8	Zadoo, Sheerin, Yashwant Singh, and Pradeep Kumar Singh. "Automated Parkinson's Disease Detection: A Review of Techniques, Datasets, Modalities, and Open Challenges." International Journal on Smart Sensing and Intelligent Systems 17, no. 1.	ISI		5
		Lucrarea citată	Nr. autori		
	L23	Kumar, Sandeep, Shilpa Rani, Arpit Jain, Chaman Verma, Maria Simona Raboaca, Zoltán Illés, and Bogdan Constantin Neagu. "Face spoofing, age, gender and facial expression recognition using advance neural network architecture-based biometric system." Sensors 22, no. 14 (2022): 5160.	7	2.86	20
		Lucrarea care citează	TIP		
76	1	Kumar, Sandeep, Shilpa Choudhary, Arpit Jain, Karan Singh, Ali Ahmadian, and Mohd Yazid Bajuri. "Brain tumor classification using deep neural network and transfer learning." Brain topography 36, no. 3 (2023): 305-318.	ISI		5
77	11	Borra, Subba Reddy, B. Premalatha, G. Divya, B. Srinivasarao, D. Eshwar, V. Reddy, and Pala Mahesh Kumar. "Deep hashing with multilayer CNN-based biometric authentication for identifying individuals in transportation security." Journal of Transportation Security 17, no. 1 (2023): 1-28.	ISI		5
78	19	Narayanrao, Purude Vaishali, Kshiraja Kohirker, Tadakamalla Shyam Preeth, and P. Lalitha Surya Kumari. "Depression Symptom Identification Through Acoustic Speech Analysis: A Transfer Learning Approach." Traitement du Signal 41, no. 1 (2023).	ISI		5
79	67	Yang, Jing. "Multimedia Identification and Analysis Algorithm of Piano Performance Music Based on Deep Learning." J. Electrical Systems 19, no. 4 (2023): 196-210.	ISI		5

		Lucrarea citată	Nr. autori		
	L24	Sandesara, Mudita, Umesh Bodkhe, Sudeep Tanwar, Mohammad Dahman Alshehri, Ravi Sharma, Bogdan-Constantin Neagu, Gheorghe Grigoras, and Maria Simona Raboaca. "Design and experience of mobile applications: a pilot survey." Mathematics 10, no. 14 (2022): 2380.	8	3.75	30
		Lucrarea care citează	TIP		
80	1	Joshua, Salaki Reynaldo, Wasim Abbas, Je-Hoon Lee, and Seong Kun Kim. "Trust components: An analysis in the development of type 2 diabetic mellitus mobile application." Applied Sciences 13, no. 3 (2023): 1251.	ISI		5
81	3	Lewis, Kadriye O., Howard W. Kilbride, Carl Bose, and David J. Burchfield. "Fundamentals of designing high-quality surveys: revisiting neonatal perinatal medicine survey applications." Journal of Perinatology (2023): 1-8.	ISI		5
82	4	Kim, Seongho, Hyuk-Jun Kwon, and Hyeob Kim. "Mobile Banking Service Design Attributes for the Sustainability of Internet-Only Banks: A Case Study of KakaoBank." Sustainability 15, no. 8 (2023): 6428.	ISI		5
83	5	Alam, Syed, Siti Abdullah, Husam Kokash, Saif Ahmed, and Nor Omar. "Consumer's acceptance of retail service robots: mediating role of pleasure and arousal." Journal of Decision Systems (2023): 1-27.	ISI		5
84	6	Kurniawan, Andreas. "The Impact of Golden Ratio Application on User Satisfaction: A Study on Horizontal Scrolling in User Interface (UI) Design." International Journal of Human-Computer Interaction (2023): 1-7.	ISI		5
85	8	Duriguez, Helen S., and Thelma D. Palaoag. "UX Design of Augmented Reality-Based AT using Design Thinking Approach." International Journal of Intelligent Systems and Applications in Engineering 12, no. 12s (2023): 624-630.	ISI		5
		Lucrarea citată	Nr. autori		
	L25	Kaur, Manpreet, Shikha Gupta, Deepak Kumar, Chaman Verma, Bogdan-Constantin Neagu, and Maria Simona Raboaca. "Delegated proof of accessibility (DPoAC): a novel consensus protocol for blockchain systems." Mathematics 10, no. 13 (2022): 2336.	6	5.83	35
		Lucrarea care citează	TIP		
86	1	Deng, Weichu, Teng Huang, and Haiyang Wang. "A review of the key technology in a blockchain building decentralized trust platform." Mathematics 11, no. 1 (2022): 101.	ISI		5
87	2	Nagpal, Diana, Shikha Gupta, Deepak Kumar, Zoltán Illés, Chaman Verma, and Barnali Dey. "goldenAGER: A personalized feature fusion activity recognition model for elderly." IEEE Access 11 (2023): 56766-56784.	ISI		5
88	3	Alghamdi, Saleh, Aiiad Albeshri, and Ahmed Alhusayni. "Enabling a Secure IoT Environment Using a Blockchain-Based Local-Global Consensus Manager." Electronics 12, no. 17 (2023): 3721.	ISI		5
89	4	Kakkar, Riya, Rajesh Gupta, Smita Agrawal, Pronaya Bhattacharya, Sudeep Tanwar, Maria Simona Raboaca, Fayeze Alqahtani, and Amr Tolba. "Blockchain and double auction-based trustful evs energy trading scheme for optimum pricing." Mathematics 10, no. 15 (2022): 2748.	ISI		5
90	6	Aponte-Novoa, Fredy Andres, and Ricardo Villanueva-Polanco. "On proof-of-accuracy consensus protocols." Mathematics 10, no. 14 (2022): 2504.	ISI		5
91	7	Perera, Lavan, Pasika Ranaweera, Sachitha Kusalahdharma, Shen Wang, and Madhusanka Liyanage. "A Survey on Blockchain for Dynamic Spectrum Sharing." IEEE Open Journal of the Communications Society (2023).	ISI		5
92	9	Tai, Yali, Anand Singh Rajawat, S. B. Goyal, Pradeep Bedi, and Constance Amannah. "Internet of things-enabled intelligent systems for remote chronic disease monitoring." Transactions on Emerging Telecommunications Technologies 35, no. 4 (2023): e4919.	ISI		5
		Lucrarea citată	Nr. autori		
	L26	Mankodiya, Harsh, Dhairya Jadav, Rajesh Gupta, Sudeep Tanwar, Abdullah Alharbi, Amr Tolba, Bogdan-Constantin Neagu, and Maria Simona Raboaca. "Xai-fall: Explainable ai for fall detection on wearable devices using sequence models and xai techniques." Mathematics 10, no. 12 (2022): 1990.	8	3.13	25
		Lucrarea care citează	TIP		
93	1	Saraswat, Deepti, Pronaya Bhattacharya, Ashwin Verma, Vivek Kumar Prasad, Sudeep Tanwar, Gulshan Sharma, Pitshou N. Bokoro, and Ravi	ISI		5

		Sharma. "Explainable AI for healthcare 5.0: opportunities and challenges." IEEE Access 10 (2022): 84486-84517.			
94	2	Kim, Jeong-Kyun, Kangbok Lee, and Sang Gi Hong. "Detection of important features and comparison of datasets for fall detection based on wrist-wearable devices." Expert Systems with Applications 234 (2023): 121034.	ISI		5
95	4	Rathod, Tejal, Nilesh Kumar Jadav, Sudeep Tanwar, Zdzislaw Polkowski, Nagendar Yamsani, Ravi Sharma, Fayez Alqahtani, and Amr Gafar. "AI and Blockchain-Based Secure Data Dissemination Architecture for IoT-Enabled Critical Infrastructure." Sensors 23, no. 21 (2023): 8928.	ISI		5
96	6	Raval, Jay, Pronaya Bhattacharya, Nilesh Kumar Jadav, Sudeep Tanwar, Gulshan Sharma, Pitshou N. Bokoro, Mitwalli Elmorsy, Amr Tolba, and Maria Simona Raboaca. "Raksha: A trusted explainable lstm model to classify fraud patterns on credit card transactions." Mathematics 11, no. 8 (2023): 1901.	ISI		5
97	7	Campanella, Sara, Alaa Alnasef, Laura Falaschetti, Alberto Belli, Paola Pierleoni, and Lorenzo Palma. "A Novel Embedded Deep Learning Wearable Sensor for Fall Detection." IEEE Sensors Journal (2023).	ISI		5
		Lucrarea citată	Nr. autori		
	L27	Tanwar Sudeep, Aparna Kumari, Darshan Vekaria, Maria Simona Raboaca, Fayez Alqahtani, Amr Tolba, Bogdan-Constantin Neagu, and Ravi Sharma. "GrAb: A deep learning-based data-driven analytics scheme for energy theft detection." Sensors 22, no. 11 (2022): 4048.	8	5.00	40
		Lucrarea care citează	TIP		
98	2	Stracqualursi, Erika, Antonello Rosato, Gianfranco Di Lorenzo, Massimo Panella, and Rodolfo Araneo. "Systematic review of energy theft practices and autonomous detection through artificial intelligence methods." Renewable and Sustainable Energy Reviews 184 (2023): 113544.	ISI		5
99	3	Park, Soohyun, Hankyul Baek, and Joongheon Kim. "Quantum Reinforcement Learning for Spatio-Temporal Prioritization in Metaverse." IEEE Access (2023).	ISI		5
100	4	Ramnath, Gaikwad Sachin, S. M. Muyeen, and Ketan Kotecha. "Household electricity consumer classification using novel clustering approach, review, and case study." Electronics 11, no. 15 (2022): 2302.	ISI		5
101	6	Aoufi, Souhila, Abdelouahid Derhab, Mohamed Guerroumi, Hanane Guemmouma, and Halla Lazali. "LITE-FORT: Lightweight three-stage energy theft detection based on time series forecasting of consumption patterns." Electric Power Systems Research 225 (2023): 109840.	ISI		5
102	10	Shi, Jing, Renjuan Chen, Yonghong Ma, Yancheng Feng, and Ke Men. "The Analysis of Nutrition Toxicology Detection Based on Big Data and Deep Learning." IEEE Access 11 (2023): 135106-135119.	ISI		5
103	11	Krishnamoorthy, Mahendran, and Johnny Renoald Albert. "Electricity theft detection in IoT-based smart grids using a parameter-tuned bidirectional LSTM with pre-trained feature learning mechanism." Electrical Engineering (2023): 1-15.	ISI		5
104	13	Xue, Chen, Zhongliang Deng, Shuo Wang, Enwen Hu, Yao Zhang, Wangwang Yang, and Yiming Wang. "GLSFF: Global-local specific feature fusion for cross-modality pedestrian re-identification." Computer Communications 215 (2023): 157-168.	ISI		5
105	16	Kumari, Dimf Greagory Prema, Parasuraman Kumar, and Smitha Jolakula Asoka. "Smart grid electricity theft prediction using cascaded R-CNN and hybrid metaheuristic optimization." Electrical Engineering (2023): 1-17.	ISI		5
		Lucrarea citată	Nr. autori		
	L28	Kalariya, Vasu, Pushpendra Parmar, Patel Jay, Sudeep Tanwar, Maria Simona Raboaca, Fayez Alqahtani, Amr Tolba, and Bogdan-Constantin Neagu. "Stochastic neural networks-based algorithmic trading for the cryptocurrency market." Mathematics 10, no. 9 (2022): 1456.	8	1.88	15
		Lucrarea care citează	TIP		
106	2	Blasco, Txus, J. Salvador Sánchez, and Vicente García. "A survey on uncertainty quantification in deep learning for financial time series prediction." Neurocomputing 576 (2023): 127339.	ISI		5
107	3	Fu, Ning, Mingu Kang, Joongi Hong, and Suntae Kim. "Enhanced Genetic-Algorithm-Driven Triple Barrier Labeling Method and Machine Learning	ISI		5

		Approach for Pair Trading Strategy in Cryptocurrency Markets." Mathematics 12, no. 5 (2023): 780.			
108	4	Khurana, Surinder Singh, Parvinder Singh, and Naresh Kumar Garg. "OG-CAT: A Novel Algorithmic Trading Alternative to Investment in Crypto Market." Computational Economics (2023): 1-22.	ISI		5
		Lucrarea citată	Nr. autori		
	L29	Grigoraș, Gheorghe, Bogdan-Constantin Neagu, Ovidiu Ivanov, Bogdan Livadariu, and Florina Scarlatache. "a new SQP methodology for coordinated transformer tap control optimization in electric networks integrating wind farms." Applied Sciences 12, no. 3 (2022): 1129.	5	1.00	5
		Lucrarea care citează	TIP		
109	1	Bhatt, Pramod Kumar, and Narayan Prasad Patidar. "Intelligent transformer tap controller for harmonic elimination in photovoltaic interfaced micro-grid network." Engineering Optimization 55, no. 7 (2023): 1149-1167.	ISI		5
		Lucrarea citată	Nr. autori		
	L30	Kriukov, Alexandru, Mihai Gavrilas, Ovidiu Ivanov, Gheorghe Grigoraș, Bogdan-Constantin Neagu, and Florina Scarlatache. "Novel decentralized voltage-centered EV charging control algorithm using DSRC system in low voltage distribution networks." IEEE Access 9 (2021): 164779-164800.	6	5.83	35
		Lucrarea care citează	TIP		
110	1	Polat, Hakan, Farzad Hosseinabadi, Md Mahamudul Hasan, Sajib Chakraborty, Thomas Geury, Mohamed El Baghdadi, Steven Wilkins, and Omar Hegazy. "A review of dc fast chargers with bess for electric vehicles: Topology, battery, reliability oriented control and cooling perspectives." Batteries 9, no. 2 (2023): 121.	ISI		5
111	2	Chinoracky, Roman, Natalia Stalmasekova, and Tatiana Corejova. "Trends in the Field of Electromobility—From the Perspective of Market Characteristics and Value-Added Services: Literature Review." Energies 15, no. 17 (2022): 6144.	ISI		5
112	3	Srithapon, Chitchai, and Daniel Månsson. "Predictive control and coordination for energy community flexibility with electric vehicles, heat pumps and thermal energy storage." Applied Energy 347 (2023): 121500.	ISI		5
113	4	Xiao, Zhao-Xia, Jia-Ning Cao, Hong-Chi Zhu, Pan Li, Hao-Fei Xue, Guo-Xi Zheng, and Jiang-Wei Jia. "Parallel Power Sharing Control of Multi-Controllable Rectifiers in a High-Power DC Fast Charging Station." World Electric Vehicle Journal 14, no. 7 (2023): 193.	ISI		5
114	5	Fang, Xin, Juan Li, Yubo Yuan, and Xiaodong Yuan. "Decentralized Control Strategy for Participation of Electric Vehicles in Distribution Voltage Control." Processes 11, no. 9 (2023): 2552.	ISI		5
115	8	Feng, Yunzhao, Liangyu Long, and Jiayue Qian. "Monthly Probability Theoretical Line Loss Calculation Method of Low Voltage Distribution Network Based on Simultaneous Power and Electricity." IEEE Access (2023).	ISI		5
116	11	Li, Jianping, Heyang Yu, Yingning Huo, Chuanzi Xu, Xinyu Xiang, and Guangchao Geng. "Coordinated Charging of Electric Vehicle Group Using Smart Meters." In 2023 IEEE/IAS Industrial and Commercial Power System Asia (I&CPS Asia), pp. 1148-1153. IEEE, 2023.	ISI		5
		Lucrarea citată	Nr. autori		
	L31	Scarlatache, Florina, Gheorghe Grigoras, Vlad-Andrei Scarlatache, Bogdan-Constantin Neagu, and Ovidiu Ivanov. "A hybrid methodology based on smart management energy consumption in irrigation systems." Electronics 10, no. 22 (2021): 2864.	5	2.00	10
		Lucrarea care citează	TIP		
117	1	Quimbita, Wilmer, Edison Toapaxi, and Jacqueline Llanos. "Smart irrigation system considering optimal energy management based on model predictive control (MPC)." Applied Sciences 12, no. 9 (2022): 4235.	ISI		5
118	2	Mao, Ting, Wenhe Chen, Liqun Fu, Qifeng Yao, and Longsheng Cheng. "Fault diagnosis of complex hydraulic system based on fast Mahalanobis classification system with high-dimensional imbalanced data." Measurement 214 (2023): 112773.	ISI		5

		Lucrarea citată	Nr. autori		
	L32	Ivanov, Ovidiu, Bogdan-Constantin Neagu, Mihai Gavrilaș, and Gheorghe Grigoras. "A Phase Generation Shifting Algorithm for Prosumer Surplus Management in Microgrids Using Inverter Automated Control." Electronics 10, no. 22 (2021): 2740.	4	1.25	5
		Lucrarea care citează	TIP		
119	1	Laayati, Oussama, Hicham El Hadraoui, Mostafa Bouzi, Ali El-Alaoui, Ahmed Kousta, and Ahmed Chebak. "Smart energy management system: Blockchain-based smart meters in microgrids." In 2022 4th Global Power, Energy and Communication Conference (GPECOM), pp. 580-585. IEEE, 2022.	ISI		5
		Lucrarea citată	Nr. autori		
	L33	Grigoraș, Gheorghe, Livia Noroc, Ecaterina Chelaru, Florina Scarlatache, Bogdan-Constantin Neagu, Ovidiu Ivanov, and Mihai Gavrilaș. "Coordinated control of single-phase end-users for phase load balancing in active electric distribution networks." Mathematics 9, no. 21 (2021): 2662.	7	1.43	10
		Lucrarea care citează	TIP		
120	1	Dandea, Vasilica, and Gheorghe Grigoras. "Expert system integrating rule-based reasoning to voltage control in photovoltaic-systems-rich low voltage electric distribution networks: A review and results of a case study." Applied Sciences 13, no. 10 (2023): 6158.	ISI		5
121	2	Dandea, Vasilica, and Gheorghe Grigoras. "Expert System Integrating Rule-Based Reasoning to Voltage Control in PV-Rich Low Voltage Electric Distribution Networks." (2023).	ISI		5
		Lucrarea citată	Nr. autori		
	L34	Ovidiu Ivanov, Bogdan-Constantin Neagu, Andrei Cibotărică, Mihai Gavrilaș, " Multiobjective Prosumer Surplus Management for Optimal Microgrid Operation" In 2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM), 1-5, IEEE (2021)	4	2.50	10
		Lucrarea care citează	TIP		
122	1	Picioara, Irina, Madalina Luca, Andrei Tudose, Dorian Sidea, Mircea Eremia, and Constantin Bulac. "Resilience-Driven Optimal Sizing of Energy Storage Systems in Remote Microgrids." Sustainability 15, no. 22 (2023): 16002.	ISI		5
123	2	Lauri, Andrea, Tommaso Caldognetto, Davide Biadene, Hossein Abedini, and Paolo Mattavelli. "Per-phase power controller for smooth islanded transitions in three-phase three-wire systems." Energies 16, no. 2 (2023): 672.	ISI		5
		Lucrarea citată	Nr. autori		
	L35	Neagu, Bogdan-Constantin, Gavrilaș Mihai, Ovidiu Ivanov, and Gheorghe Grigoras. "Load Modeling Approaches in Smart Grids: An Overview." In International Conference Interdisciplinarity in Engineering, pp. 533-561. Cham: Springer International Publishing, 2021.	4	1.25	5
		Lucrarea care citează	TIP		
124	1	Li, Yalou, Shanhua Hu, Xing Zhang, and Pengfei Tian. "Dynamic equivalent of inverter-based distributed generations for large voltage disturbances." Energy Reports 8 (2022): 14488-14497.	ISI		5
		Lucrarea citată	Nr. autori		
	L36	Tirsu, Mihai, Nicolae Covalenco, Dmitrii Zaitsev, Ion Negura, Mihai Gavrilaș, and Bogdan Constantin Neagu. "Photovoltaic-Thermal System for Trigenerating Electricity, Hot Water and Cold." In 2021 International Conference on Electromechanical and Energy Systems (SIEMEN), pp. 092-096. IEEE, 2021.	6	0.83	5
		Lucrarea care citează	TIP		
125	1	Al-Aasam, Anwer B., Adnan Ibrahim, Kamaruzzaman Sopian, Bassam Abdulsahib, and Mojtaba Dayer. "Enhancing the Performance of	ISI		5

		Photovoltaic Thermal Solar Collectors using Twisted Absorber Tubes and Nanofluids with Optimal Design Parameters." International Journal of Renewable Energy Research (IJRER) 13, no. 3 (2023): 1277-1284.			
		Lucrarea citată	Nr. autori		
	L37	Bogdan Constantin Neagu, Constantin Zetu, Gheorghe Grigoras, Ovidiu Ivanov, " Theories about Mechanical Calculus in the Context of Coexistence between Overhead Power Lines and Buildings from Outskirts of Cities" In 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), 159-162, IEEE (2021)	4	1.25	5
		Lucrarea care citează	TIP		
126	1	Romanov, A. M., Gyrichidi, N., Volkova, M. A., Eroshenko, S. A., Matrenin, P. V., & Khalyasmaa, A. I. Automated mission planning for aerial large-scale power plant thermal inspection. Journal of Field Robotics.	ISI		5
		Lucrarea citată	Nr. autori		
	L38	Ivanov, Ovidiu, Bogdan-Constantin Neagu, Gheorghe Grigoras, Florina Scarlatache, and Mihai Gavrilas. "A metaheuristic algorithm for flexible energy storage management in residential electricity distribution grids." Mathematics 9, no. 19 (2021): 2375.	5	9.00	45
		Lucrarea care citează	TIP		
127	1	Nadimi-Shahraki, Mohammad H., Ali Fatahi, Hoda Zamani, Seyedali Mirjalili, Laith Abualigah, and Mohamed Abd Elaziz. "Migration-based moth-flame optimization algorithm." Processes 9, no. 12 (2021): 2276.	ISI		5
128	2	Nadimi-Shahraki, Mohammad H., Ali Fatahi, Hoda Zamani, Seyedali Mirjalili, and Laith Abualigah. "An improved moth-flame optimization algorithm with adaptation mechanism to solve numerical and mechanical engineering problems." Entropy 23, no. 12 (2021): 1637.	ISI		5
129	3	Chreim, Bashar, Moez Essegheir, and Leila Merghem-Boulahia. "Recent sizing, placement, and management techniques for individual and shared battery energy storage systems in residential areas: A review." Energy Reports 11 (2023): 250-260.	ISI		5
130	4	Grisales-Noreña, L. F., Brandon Cortés-Caicedo, Oscar Danilo Montoya, J. C. Hernández, and G. Alcalá. "A battery energy management system to improve the financial, technical, and environmental indicators of Colombian urban and rural networks." Journal of Energy Storage 65 (2023): 107199.	ISI		5
131	5	Qaraad, Mohammed, Souad Amjad, Nazar K. Hussein, and Mostafa A. Elhosseini. "An innovative quadratic interpolation salp swarm-based local escape operator for large-scale global optimization problems and feature selection." Neural Computing and Applications 34, no. 20 (2022): 17663-17721.	ISI		5
132	6	Montoya, Oscar Danilo, Diego Armando Giral-Ramírez, and Jesus C. Hernández. "Efficient integration of pv sources in distribution networks to reduce annual investment and operating costs using the modified arithmetic optimization algorithm." Electronics 11, no. 11 (2022): 1680.	ISI		5
133	7	Salek, Farhad, Aydin Azizi, Shahaboddin Resalati, Paul Henshall, and Denise Morrey. "Mathematical modelling and simulation of second life battery pack with heterogeneous state of health." Mathematics 10, no. 20 (2022): 3843.	ISI		5
134	9	Niccolai, Alessandro, Gaia Gianna Taje, Davide Mosca, Fabrizio Trombello, and Emanuele Ogliari. "Industrial Demand-Side Management by Means of Differential Evolution Considering Energy Price and Labour Cost." Mathematics 10, no. 19 (2022): 3605.	ISI		5
135	10	Ban, Zixiao, Fei Teng, Huifeng Zhang, Shuo Li, Geyang Xiao, and Yajuan Guan. "Distributed Fixed-Time Energy Management for Port Microgrid Considering Transmissive Efficiency." Mathematics 11, no. 17 (2023): 3674.	ISI		5
		Lucrarea citată	Nr. autori		
	L39	Razvan Garbea, Florina Scarlatache, Gheorghe Grigoras, Bogdan-Constantin Neagu, " Integration of Data Mining techniques in SCADA system for optimal operation of hydropower plants" In 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 1-6, IEEE (2021)	4	2.50	10

		Lucrarea care citează	TIP		
136	1	Nasab, Morteza Azimi, Mohammad Zand, Sanjeevikumar Padmanaban, Mahajan Sagar Bhaskar, and Josep M. Guerrero. "An efficient, robust optimization model for the unit commitment considering renewable uncertainty and pumped-storage hydropower." Computers and Electrical Engineering 100 (2022): 107846.	ISI		5
137	2	Pepe, Crescenzo, and Silvia Maria Zanoli. "Digitalization, Industry 4.0, Data, KPIs, Modelization and Forecast for Energy Production in Hydroelectric Power Plants: A Review." Energies 17, no. 4 (2023): 941.	ISI		5
		Lucrarea citată	Nr. autori		
	L40	Ovidiu Ivanov, Bogdan-Constantin Neagu, Andrei-Ioan Nițu, Mihai Gavrilaș, "An Improved Metaheuristic Algorithm for Load Balancing in LV Distribution Networks" In 2021 9th International Conference on Modern Power Systems (MPS), 1-5, IEEE (2021)	4	1.25	5
		Lucrarea care citează	TIP		
138	1	Lauri, Andrea, Tommaso Caldognetto, Davide Biadene, Hossein Abedini, and Paolo Mattavelli. "Per-phase power controller for smooth islanded transitions in three-phase three-wire systems." Energies 16, no. 2 (2023): 672.	ISI		5
		Lucrarea citată	Nr. autori		
	L41	Răzvan Gârbea, Florina Scarlatache, Gheorghe Grigoraș, Bogdan Constantin Neagu, "Extracting the Operating Characteristics of Hydropower Plants Using a Clustering-based Efficient Methodology" In 2021 9th International Conference on Modern Power Systems (MPS), 1-4, IEEE (2021)	4	1.25	5
		Lucrarea care citează	TIP		
139	1	Hajimohammadali, Fatemeh, Nunzia Fontana, Mauro Tucci, and Emanuele Crisostomi. "Autoencoder-based Fault Diagnosis for Hydropower Plants." In 2023 IEEE Belgrade PowerTech, pp. 01-06. IEEE, 2023.	ISI		5
		Lucrarea citată	Nr. autori		
	L42	Vasilica Dandea, Gheorghe Grigoras, Bogdan-Constantin Neagu, Florina Scarlatache, "K-means clustering-based data mining methodology to discover the prosumers' energy features" In 2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 1-4, IEEE (2021)	4	1.25	5
		Lucrarea care citează	TIP		
140	1	Aksan, Fachrizal, Michał Jasiński, Tomasz Sikorski, Dominika Kaczorowska, Jacek Rezmer, Vishnu Suresh, Zbigniew Leonowicz, Paweł Kostyla, Jarosław Szymańda, and Przemysław Janik. "Clustering methods for power quality measurements in virtual power plant." Energies 14, no. 18 (2021): 5902.	ISI		5
		Lucrarea citată	Nr. autori		
	L43	Grigoraș Gheorghe, Bogdan-Constantin Neagu, Florina Scarlatache, Livia Noroc, and Ecaterina Chelaru. "Bi-level phase load balancing methodology with clustering-based consumers' selection criterion for switching device placement in low voltage distribution networks." Mathematics 9, no. 5 (2021): 542.	5	4.00	20
		Lucrarea care citează	TIP		
141	1	Montalvo-Navarrete, Juan M., and Ana P. Lasso-Palacios. "Energy access sustainability criteria definition for Colombian rural areas." Renewable and Sustainable Energy Reviews 189 (2023): 113922.	ISI		5
142	2	Hashmi, Md Umar, David Brummund, Rickard Lundholm, Arpan Koirala, and Dirk Van Hertem. "Consensus based phase connectivity identification for distribution network with limited observability." Sustainable Energy, Grids and Networks 34 (2023): 101070.	ISI		5
143	3	Liu, Shengyuan, Zhenzhi Lin, Jiaqiao Li, Fushuan Wen, Yi Ding, Qin Wang, Feng Lu, and Li Yang. "Bi-level optimal placement model of phase switch devices for mitigating three-phase unbalance in low-voltage areas." IEEE	ISI		5

		Transactions on Power Systems 37, no. 4 (2022): 3149-3152.			
144	4	Mtolo, Dumisani, David Dorrell, and Rudiren Pillay Carpanen. "Balancing of Low-Voltage Supply Network with a Smart Utility Controller Leveraging Distributed Customer Energy Sources." Energies 16, no. 23 (2023): 7707.	ISI		5
		Lucrarea citată	Nr. autori		
	L44	Eduard Lunca, Bogdan Constantin Neagu, Silviu Vornicu, " Finite Element Analysis of Electromagnetic Fields Emitted by Overhead High-Voltage Power Lines" In Numerical Methods for Energy Applications, 795-821, Springer International Publishing (2021)	3	3.33	10
		Lucrarea care citează	TIP		
145	1	Boukabou, Issam, and Naima Kaabouch. "Electric and magnetic fields analysis of the safety distance for UAV inspection around extra-high voltage transmission lines." Drones 8, no. 2 (2023): 47.	ISI		5
146	2	Lunca, Eduard, Silviu Vornicu, and Alexandru Sălceanu. "Numerical and Analytical Analysis of the Low-Frequency Magnetic Fields Generated by Three-Phase Underground Power Cables with Solid Bonding." Applied Sciences 13, no. 10 (2023): 6328.	ISI		5
		Lucrarea citată	Nr. autori		
	L45	Bogdan Constantin Neagu, Gheorghe Grigoraș, " A data-mining-based methodology to identify the behavioural characteristics of prosumers within active distribution networks" In 2020 International Symposium on Fundamentals of Electrical Engineering (ISFEE), 1-6, IEEE (2020)	2	2.50	5
		Lucrarea care citează	TIP		
147	1	Ostrowska, Anna, Tomasz Sikorski, Alessandro Burgio, and Michał Jasiński. "Modern Use of Prosumer Energy Regulation Capabilities for the Provision of Microgrid Flexibility Services." Energies 16, no. 1 (2023): 469.	ISI		5
		Lucrarea citată	Nr. autori		
	L46	Neagu, Bogdan-Constantin, Ovidiu Ivanov, Gheorghe Grigoras, Mihai Gavrilas, and Dumitru-Marcel Istrate. "New market model with social and commercial tiers for improved prosumer trading in microgrids." Sustainability 12, no. 18 (2020): 7265.	5	11.00	55
		Lucrarea care citează	TIP		
148	1	Strielkowski, Wadim, Lubomír Civiň, Elena Tarkhanova, Manuela Tvaronavičienė, and Yelena Petrenko. "Renewable energy in the sustainable development of electrical power sector: A review." Energies 14, no. 24 (2021): 8240.	ISI		5
149	2	Kumar, A. Ashok, and N. Amutha Prabha. "A comprehensive review of DC microgrid in market segments and control technique." Heliyon 8, no. 11 (2022).	ISI		5
150	3	Jasiński, Jakub, Mariusz Kozakiewicz, and Maciej Sołtysik. "Determinants of energy cooperatives' development in rural areas—Evidence from Poland." Energies 14, no. 2 (2021): 319.	ISI		5
151	4	Mucha-Kuś, Karolina, Maciej Sołtysik, Krzysztof Zamasz, and Katarzyna Szczepańska-Woszczyna. "Coopetitive nature of energy communities—The energy transition context." Energies 14, no. 4 (2021): 931.	ISI		5
152	5	Casquijo, Manuel, Bruno Mataloto, Joao C. Ferreira, Vitor Monteiro, Joao L. Afonso, and Jose A. Afonso. "Blockchain and internet of things for electrical energy decentralization: A review and system architecture." Energies 14, no. 23 (2021): 8043.	ISI		5
153	6	Tryndina, Nicole, Jaehyung An, Igor Varyash, Oleg Litvishko, Lyubov Khomyakova, Sergey Barykin, and Olga Kalinina. "Renewable energy incentives on the road to sustainable development during climate change: A review." Frontiers in Environmental Science 10 (2022).	ISI		5
154	7	Mikhaylov, Alexey, Tsangyao Chang, Aigul Mukhanova, Akmaral Bukharbayeva, and Zuleima Karpyn. "Applying theorem of ross to transition probability matrix in energy options pricing after political tensions and Russia-Ukraine conflict." Energy Exploration & Exploitation (2023): 01445987241237152.	ISI		5
155	8	Montakhabi, Mehdi, Ine Van Zeeland, and Pieter Ballon. "Barriers for prosumers' open business models: A resource-based view on assets and	ISI		5

		data-sharing in electricity markets." Sustainability 14, no. 9 (2022): 5705.			
156	9	Rejeb, Abderahman, Karim Rejeb, Imen Zrelli, Edit Süle, and Mohammad Iranmanesh. "Blockchain technology in the renewable energy sector: A co-word analysis of academic discourse." Heliyon 10, no. 8 (2023).	ISI		5
157	10	Orejon-Sanchez, Rami David, Jose Ramon Andres-Diaz, and Alfonso Gago-Calderon. "Autonomous photovoltaic LED urban street lighting: Technical, economic, and social viability analysis based on a case study." Sustainability 13, no. 21 (2021): 11746.	ISI		5
158	14	Maniam, Thiagaletchumi V., Christina May May Chin, and Novita Sakundarini. "Preliminary Study of Stakeholders' Perspectives on Peer-to-Peer (P2P) Energy Trading Implementation in Malaysia." In 2022 5th Asia Conference on Energy and Electrical Engineering (ACEEE), pp. 168-172. IEEE, 2022.	ISI		5
		Lucrarea citată	Nr. autori		
	L47	Ivanov, Ovidiu, Samiran Chattopadhyay, Soumya Banerjee, Bogdan-Constantin Neagu, Gheorghe Grigoras, and Mihai Gavrilas. "A Novel Algorithm with Multiple Consumer Demand Response Priorities in Residential Unbalanced LV Electricity Distribution Networks." Mathematics 8, no. 8 (2020): 1220.	6	2.50	15
		Lucrarea care citează	TIP		
159	1	Bielecki, Sławomir, Tadeusz Skoczowski, Lidia Sobczak, Janusz Buchoski, Łukasz Maciąg, and Piotr Dukat. "Impact of the lockdown during the COVID-19 pandemic on electricity use by residential users." Energies 14, no. 4 (2021): 980.	ISI		5
160	2	Mochi, Pratik, Kartik Pandya, Joao Soares, and Zita Vale. "Optimizing power exchange cost considering behavioral intervention in local energy community." Mathematics 11, no. 10 (2023): 2367.	ISI		5
161	3	Niccolai, Alessandro, Gaia Gianna Taje, Davide Mosca, Fabrizio Trombello, and Emanuele Ogliari. "Industrial Demand-Side Management by Means of Differential Evolution Considering Energy Price and Labour Cost." Mathematics 10, no. 19 (2022): 3605.	ISI		5
		Lucrarea citată	Nr. autori		
	L48	Bogdan-Constantin Neagu, Gheorghe Grigoraş, "A fair load sharing approach based on microgrid clusters and transactive energy concept" In 2020 12th international conference on electronics, computers and artificial intelligence (ECAI), 1-4, IEEE (2020)	2	5.00	10
		Lucrarea care citează	TIP		
162	1	Machele, Ipeleng L., Adeiza J. Onumanyi, Adnan M. Abu-Mahfouz, and Anish M. Kurien. "Interconnected Smart Transactive Microgrids—A Survey on Trading, Energy Management Systems, and Optimisation Approaches." Journal of Sensor and Actuator Networks 13, no. 2 (2023): 20.	ISI		5
163	2	Aksan, Fachrizal, Michał Jasiński, Tomasz Sikorski, Dominika Kaczorowska, Jacek Rezmer, Vishnu Suresh, Zbigniew Leonowicz, Paweł Kostyla, Jarosław Szymańda, and Przemysław Janik. "Clustering methods for power quality measurements in virtual power plant." Energies 14, no. 18 (2021): 5902.	ISI		5
		Lucrarea citată	Nr. autori		
	L49	Grigoraş Gheorghe, and Bogdan-Constantin Neagu. "An advanced decision support platform in energy management to increase energy efficiency for small and medium enterprises." Applied Sciences 10, no. 10 (2020): 3505.	2	2.50	5
		Lucrarea care citează	TIP		
164	2	Herce, Carlos, Chiara Martini, Claudia Toro, Enrico Biele, and Marcello Salvio. "Energy Efficiency Policies for Small and Medium-Sized Enterprises: A Review." Sustainability 16, no. 3 (2023): 1023.	ISI		5
		Lucrarea citată	Nr. autori		
	L50	Grigoraş, Gheorghe, Bogdan-Constantin Neagu, Mihai Gavrilas, Ion Triştiu, and Constantin Bulac. "Optimal phase load balancing in low voltage distribution networks using a smart meter data-based algorithm."	5	11.00	55

		Mathematics 8, no. 4 (2020): 549.			
		Lucrarea care citează	TIP		
165	1	Antić, Tomislav, Tomislav Capuder, and Martin Bolfek. "A comprehensive analysis of the voltage unbalance factor in PV and EV rich non-synthetic low voltage distribution networks." <i>Energies</i> 14, no. 1 (2020): 117.	ISI		5
166	2	Garrido-Arévalo, Víctor M., Walter Gil-González, Oscar Danilo Montoya, Harold R. Chamorro, and Jorge Mírez. "Efficient Allocation and Sizing the PV-STATCOMs in Electrical Distribution Grids Using Mixed-Integer Convex Approximation." <i>Energies</i> 16, no. 20 (2023): 7147.	ISI		5
167	3	Montoya, Oscar Danilo, Alexander Molina-Cabrera, Luis Fernando Grisales-Noreña, Ricardo Alberto Hincapié, and Mauricio Granada. "Improved genetic algorithm for phase-balancing in three-phase distribution networks: A master-slave optimization approach." <i>Computation</i> 9, no. 6 (2021): 67.	ISI		5
168	4	Toghranegar, Sina, Abbas Rabiee, and Alireza Soroudi. "Enhancing the unbalanced distribution network's hosting capacity for DERs via optimal load re-phasing." <i>Sustainable Cities and Society</i> 87 (2022): 104243.	ISI		5
169	5	Ullah, Ibrar, Irshad Hussain, Khalid Rehman, Piotr Wróblewski, Wojciech Lewicki, and Balasubramanian Prabhu. "Exploiting the moth-flame optimization algorithm for optimal load management of the university campus: A viable approach in the academia sector." <i>Energies</i> 15, no. 10 (2022): 3741.	ISI		5
170	6	Cortés-Cañedo, Brandon, Laura Sofía Avellaneda-Gómez, Oscar Danilo Montoya, Lázaro Alvarado-Barrios, and César Álvarez-Arroyo. "An improved crow search algorithm applied to the phase swapping problem in asymmetric distribution systems." <i>Symmetry</i> 13, no. 8 (2021): 1329.	ISI		5
171	7	Alhמוד, Lina, Qosai Nawafleh, and Waled Merri. "Three-phase feeder load balancing based optimized neural network using smart meters." <i>Symmetry</i> 13, no. 11 (2021): 2195.	ISI		5
172	9	Mtolo, Dumisani, David Dorrell, and Rudiren Pillay Carpanen. "Balancing of Low-Voltage Supply Network with a Smart Utility Controller Leveraging Distributed Customer Energy Sources." <i>Energies</i> 16, no. 23 (2023): 7707.	ISI		5
173	12	Noroc, Livia, and Gheorghe Grigoras. "Performance assessment of the hierarchical clustering methods in classification of electric distribution networks considering unbalance degree." In <i>2020 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)</i> , pp. 1-4. IEEE, 2020.	ISI		5
174	13	Alanis-Tamez, Mariana Dayanara, Cuauhtémoc López-Martín, and Yenny Villuendas-Rey. "Particle swarm optimization for predicting the development effort of software projects." <i>Mathematics</i> 8, no. 10 (2020): 1819.	ISI		5
175	15	Razo-Hernandez, Jose Roberto, Ismael Urbina-Salas, Guillermo Tapia-Tinoco, Juan Pablo Amezcua-Sanchez, Martin Valtierra-Rodriguez, and David Granados-Lieberman. "Improved performance of M-class PMUs based on a magnitude compensation model for wide frequency deviations." <i>Mathematics</i> 8, no. 8 (2020): 1361.	ISI		5
		Lucrarea citată	Nr. autori		
	L51	Neagu, Bogdan-Constantin, Ovidiu Ivanov, Gheorghe Grigoras, and Mihai Gavrilas. "A new vision on the prosumers energy surplus trading considering smart peer-to-peer contracts." <i>Mathematics</i> 8, no. 2 (2020): 235.	4	22.50	90
		Lucrarea care citează	TIP		
176	1	Capper, Timothy, Anna Gorbacheva, Mustafa A. Mustafa, Mohamed Bahloul, Jan Marc Schwidtal, Ruzanna Chitchyan, Merlinda Andoni et al. "Peer-to-peer, community self-consumption, and transactive energy: A systematic literature review of local energy market models." <i>Renewable and Sustainable Energy Reviews</i> 162 (2022): 112403.	ISI		5
177	2	Schwidtal, Jan Marc, Proadpran Piccini, Matteo Troncia, Ruzanna Chitchyan, Mehdi Montakhabi, Christina Francis, Anna Gorbacheva et al. "Emerging business models in local energy markets: A systematic review of peer-to-peer, community self-consumption, and transactive energy models." <i>Renewable and Sustainable Energy Reviews</i> 179 (2023): 113273.	ISI		5
178	3	Javed, Haseeb, Muhammad Irfan, Moazzam Shehzad, Hafiz Abdul Muqet, Jumshed Akhter, Vishal Dagar, and Josep M. Guerrero. "Retraction: Recent Trends, Challenges, and Future Aspects of P2P Energy Trading Platforms in Electrical-Based Networks Considering Blockchain Technology: A Roadmap Toward Environmental Sustainability." <i>Frontiers in Energy Research</i> 10 (2022): 810395.	ISI		5

179	4	Kim, Hyun Joong, Yun Sik Chung, Seong Joong Kim, Hyung Tae Kim, Young Gyu Jin, and Young Tae Yoon. "Pricing mechanisms for peer-to-peer energy trading: Towards an integrated understanding of energy and network service pricing mechanisms." Renewable and Sustainable Energy Reviews 183 (2023): 113435.	ISI		5
180	5	Das, Arnob, Susmita Datta Peu, Md Abdul Mannan Akanda, and Abu Reza Md Towfiqul Islam. "Peer-to-Peer energy trading pricing mechanisms: towards a comprehensive analysis of energy and network service pricing (NSP) mechanisms to get sustainable enviro-economical energy sector." Energies 16, no. 5 (2023): 2198.	ISI		5
181	6	Zafar, Bassam, and Sami Ben Slama. "Energy internet opportunities in distributed peer-to-peer energy trading reveal by blockchain for future smart grid 2.0." Sensors 22, no. 21 (2022): 8397.	ISI		5
182	7	Ali, Liaqat, M. Imran Azim, Jan Peters, Vivek Bhandari, Anand Menon, Vinod Tiwari, Jemma Green, and S. M. Mueen. "Blockchain-based local energy market enabling P2P trading: An Australian collated case study on energy users, retailers and utilities." IEEE Access 10 (2022): 124429-124447.	ISI		5
183	9	Bhawna, Priya Gupta, Pratibha Rai, and Ajay Chauhan. "Blockchain application in consumer services: A review and future research agenda." International Journal of Consumer Studies 47, no. 6 (2023): 2417-2450.	ISI		5
184	10	Kakkar, Riya, Rajesh Gupta, Smita Agrawal, Pronaya Bhattacharya, Sudeep Tanwar, Maria Simona Raboaca, Fayez Alqahtani, and Amr Tolba. "Blockchain and double auction-based trustful evs energy trading scheme for optimum pricing." Mathematics 10, no. 15 (2022): 2748.	ISI		5
185	11	Mochi, Pratik, Kartik Pandya, Ricardo Faia, and Joao Soares. "Six-Segment Strategy for Prosumers' Financial Benefit Maximization in Local Peer-to-Peer Energy Trading." Mathematics 11, no. 18 (2023): 3933.	ISI		5
186	12	Ali, Liaqat, M. Imran Azim, Jan Peters, Vivek Bhandari, Anand Menon, Vinod Tiwari, and Jemma Green. "A win-win local energy market for participants, retailers, and the network operator: A peer-to-peer trading-driven case study." In 2022 IEEE 20th International Conference on Industrial Informatics (INDIN), pp. 175-179. IEEE, 2022.	ISI		5
187	13	Capper, Timothy, Anna Gorbacheva, Mustafa A. Mustafa, Mohamed Bahloul, Jan Marc Schwidtal, Ruzanna Chitchyan, Merlinda Andoni et al. "A systematic literature review of peer-to-peer, community self-consumption, and transactive energy market models." Community Self-Consumption, and Transactive Energy Market Models (November 9, 2021) (2021).	ISI		5
188	15	Niccolai, Alessandro, Gaia Gianna Taje, Davide Mosca, Fabrizio Trombello, and Emanuele Ogliari. "Industrial Demand-Side Management by Means of Differential Evolution Considering Energy Price and Labour Cost." Mathematics 10, no. 19 (2022): 3605.	ISI		5
189	16	Li, Xianshan, Mingfang Lu, Fei Li, Wei Xiong, and Zhenxing Li. "Prosumer energy-storage trading feasibility evaluation and price bundling." Energy 239 (2022): 122163.	ISI		5
190	17	Bhattacharya, Sandipa, Mitali Sarkar, Biswajit Sarkar, and Lakshmi Thangavelu. "Exploring Sustainability and Economic Growth through Generation of Renewable Energy with Respect to the Dynamical Environment." Mathematics 11, no. 19 (2023): 4064.	ISI		5
191	19	Rahman, Md Masudur, Shuvra Prokash Biswas, Md Rabiul Islam, Kashem M. Muttaqi, and S. M. Mueen. "Design of a High Performance Resonant Controller for Improved Stability and Robustness of Islanded Three-Phase Microgrids." IEEE Access 10 (2022): 119206-119220.	ISI		5
192	20	Mussadiq, Usman, Saeed Ahmed, Noor Gul, Junsu Kim, and Su Min Kim. "Priority-Based Energy Sharing and Management Among Prosumers in Smart Grids." IEEE Access 10 (2022): 12179-12190.	ISI		5
193	24	Sen, Diptangshu, and Arnob Ghosh. "Design and Analysis of Incentive Mechanisms for Prosumers under the lens of Prospect Theory." In 2021 European Control Conference (ECC), pp. 842-847. IEEE, 2021.	ISI		5
		Lucrarea citată	Nr. autori		
	L52	Neagu, Bogdan Constantin, Gheorghe Grigoraş, and Ovidiu Ivanov. "The optimal operation of active distribution networks with smart systems." Advanced Communication and Control Methods for Future Smartgrids 3 (2019).	3	5.00	15
		Lucrarea care citează	TIP		
194	1	Saldaña-González, Antonio E., Andreas Sumper, Mònica Aragüés-Peñalba,	ISI		5

		and Miha Smolnikar. "Advanced distribution measurement technologies and data applications for smart grids: A review." <i>Energies</i> 13, no. 14 (2020): 3730.			
195	2	Li, Qiyue, Haochen Tang, Zhi Liu, Jie Li, Xiaobing Xu, and Wei Sun. "Optimal resource allocation of 5G machine-type communications for situation awareness in active distribution networks." <i>IEEE Systems Journal</i> 16, no. 3 (2021): 4187-4197.	ISI		5
196	3	Li, Qiyue, Hong Cheng, Yangzhao Yang, Haochen Tang, Junbo Wang, Guojun Luo, and Wei Sun. "Deep Reinforcement Learning-based Resource Allocation for 5G Machine-type Communication in Active Distribution Networks with Time-varying Interference." <i>Mobile Networks and Applications</i> 27, no. 6 (2022): 2264-2279.	ISI		5
		Lucrarea citată	Nr. autori		
	L53	Ivanov, Ovidiu, Bogdan-Constantin Neagu, Gheorghe Grigoras, and Mihai Gavrilas. "Optimal capacitor bank allocation in electricity distribution networks using metaheuristic algorithms." <i>Energies</i> 12, no. 22 (2019): 4239.	4	12.50	50
		Lucrarea care citează	TIP		
197	1	Ahmadi, Seyed Ehsan, S. Mahdi Kazemi-Razi, Mousa Marzband, Augustine Ikpehai, and Abdullah Abusorrah. "Multi-objective stochastic techno-economic-environmental optimization of distribution networks with G2V and V2G systems." <i>Electric Power Systems Research</i> 218 (2023): 109195.	ISI		5
198	2	Martins, Antônio Sobrinho Campolina, Leandro Ramos de Araujo, and Débora Rosana Ribeiro Penido. "Sensibility analysis with genetic algorithm to allocate distributed generation and capacitor banks in unbalanced distribution systems." <i>Electric Power Systems Research</i> 209 (2022): 107962.	ISI		5
199	3	Liu, Huaiqin, Qinghe Yu, and Qu Wu. "PID control model based on back propagation neural network optimized by adversarial learning-based grey wolf optimization." <i>Applied Sciences</i> 13, no. 8 (2023): 4767.	ISI		5
200	4	Gil-González, Walter, Alexander Molina-Cabrera, Oscar Danilo Montoya, and Luis Fernando Grisales-Noreña. "An mi-sdp model for optimal location and sizing of distributed generators in dc grids that guarantees the global optimum." <i>Applied Sciences</i> 10, no. 21 (2020): 7681.	ISI		5
201	7	Yang, Kun, and Kan Yang. "Short-Term Hydro Generation Scheduling of the Three Gorges Hydropower Station Using Improver Binary-coded Whale Optimization Algorithm." <i>Water Resources Management</i> 35 (2021): 3771-3790.	ISI		5
202	8	Rajput, Shailendra, Ido Amiel, Moshe Sitbon, Ilan Aharon, and Moshe Averbukh. "Control the Voltage Instabilities of Distribution Lines using Capacitive Reactive Power." <i>Energies</i> 13, no. 4 (2020): 875.	ISI		5
203	9	Mahfoud, Rabea Jamil, Nizar Faisal Alkayem, Yonghui Sun, Hassan Haes Alhelou, Pierluigi Siano, and Mimmo Parente. "Improved hybridization of evolutionary algorithms with a sensitivity-based decision-making technique for the optimal planning of shunt capacitors in radial distribution systems." <i>Applied Sciences</i> 10, no. 4 (2020): 1384.	ISI		5
204	10	Arab, Meraa, and Waleed Fadel. "Optimal Reactive Power Flow of AC-DC Power System with Shunt Capacitors Using Backtracking Search Algorithm." <i>Energies</i> 17, no. 3 (2023): 749.	ISI		5
205	11	Yang, Minsheng, Jianqi Li, Rui Du, Jianying Li, Jian Sun, Xiaofang Yuan, Jiazhu Xu, and Shifu Huang. "Reactive Power Optimization Model for Distribution Networks Based on the Second-Order Cone and Interval Optimization." <i>Energies</i> 15, no. 6 (2022): 2235.	ISI		5
206	12	Četković, D., S. Vlahinić, D. Franković, and Vitomir Komen. "Analysis of justification for using capacitor banks in distribution networks with low power demand." In 2020 43rd International Convention on Information, Communication and Electronic Technology (MIPRO), pp. 923-927. IEEE, 2020.	ISI		5
		Lucrarea citată	Nr. autori		
	L54	Bogdan Constantin Neagu, Gheorghe Grigoras, "Decision-making approach for choosing of electricity supplier to improve the energy efficiency" In 2019 International Conference on ENERGY and ENVIRONMENT (CIEM), 343-347, IEEE (2019)	2	2.50	5
		Lucrarea care citează	TIP		
207	1	Dong, Siliang, Zhixin Zeng, and Yining Liu. "FPETD: Fault-Tolerant and	ISI		5

		Privacy-Preserving Electricity Theft Detection." Wireless Communications and Mobile Computing 2021, no. 1 (2021): 6650784.			
		Lucrarea citată	Nr. autori		
	L55	Gheorghe Grigoras, Mihai Gavrilas, Bogdan-Constantin Neagu, Ovidiu Ivanov, Ion Triștiu, Constantin Bulac, " An efficient method to optimal phase load balancing in low voltage distribution network" In 2019 International Conference on ENERGY and ENVIRONMENT (CIEM), 323-327, IEEE (2019)	6	3.33	20
		Lucrarea care citează	TIP		
208	1	Jimenez, Victor A., Adrian LE Will, and Diego F. Lizondo. "Phase reassignment for load balance in low-voltage distribution networks." International Journal of Electrical Power & Energy Systems 137 (2022): 107691.	ISI		5
209	2	Liu, Bin, Ke Meng, Zhao Yang Dong, Peter KC Wong, and Xuejun Li. "Load balancing in low-voltage distribution network via phase reconfiguration: An efficient sensitivity-based approach." IEEE Transactions on Power Delivery 36, no. 4 (2020): 2174-2185.	ISI		5
210	3	Liu, Bin, Ke Meng, Zhao Yang Dong, Peter KC Wong, and Tian Ting. "Unbalance mitigation via phase-switching device and static var compensator in low-voltage distribution network." IEEE Transactions on Power Systems 35, no. 6 (2020): 4856-4869.	ISI		5
211	4	Yon, Kanika, Marie-Cecile Alvarez-Herault, Bertrand Raison, Kimsrornn Khon, Vannak Vai, and Long Bun. "Microgrids planning for rural electrification." In 2021 IEEE Madrid PowerTech, pp. 1-6. IEEE, 2021.	ISI		5
		Lucrarea citată	Nr. autori		
	L56	Bogdan Constantin Neagu, Gheorghe Grigoras, " Optimal voltage control in power distribution networks using an adaptive on-load tap changer transformers techniques" In 2019 International Conference on Electromechanical and Energy Systems (SIELMEN), 1-6, IEEE (2019)	2	17.50	35
		Lucrarea care citează	TIP		
212	2	Pijarski, Paweł, Piotr Kacejko, and Marek Wancerz. "Voltage Control in MV Network with Distributed Generation—Possibilities of Real Quality Enhancement." Energies 15, no. 6 (2022): 2081.	ISI		5
213	3	Dandea, Vasilica, and Gheorghe Grigoras. "Expert system integrating rule-based reasoning to voltage control in photovoltaic-systems-rich low voltage electric distribution networks: A review and results of a case study." Applied Sciences 13, no. 10 (2023): 6158.	ISI		5
214	4	Kacejko, Piotr, and Paweł Pijarski. "Optimal voltage control in mv network with distributed generation." Energies 14, no. 2 (2021): 469.	ISI		5
215	5	Mroczek, Bartłomiej, and Paweł Pijarski. "Machine Learning in Operating of Low Voltage Future Grid." Energies 15, no. 15 (2022): 5388.	ISI		5
216	6	Bhatt, Pramod Kumar, and Narayan Prasad Patidar. "Intelligent transformer tap controller for harmonic elimination in photovoltaic interfaced micro-grid network." Engineering Optimization 55, no. 7 (2023): 1149-1167.	ISI		5
217	7	Dandea, Vasilica, and Gheorghe Grigoras. "Expert System Integrating Rule-Based Reasoning to Voltage Control in PV-Rich Low Voltage Electric Distribution Networks." (2023).	ISI		5
218	11	Kozyra, Jacek, Zbigniew Łukasik, Aldona Kuśmińska-Fijałkowska, and Paweł Kaszuba. "An analysis of remote voltage measurement in the medium voltage cable networks." Przegląd Elektrotechniczny 98 (2022).	ISI		5
		Lucrarea citată	Nr. autori		
	L57	Ovidiu Ivanov, Bogdan-Constantin Neagu, Mihai Gavrilas, Gheorghe Grigoras, Calin-Viorel Sfintes, " Phase load balancing in low voltage distribution networks using metaheuristic algorithms" In 2019 International Conference on Electromechanical and Energy Systems (SIELMEN), 1-6, IEEE (2019)	5	10.00	50
		Lucrarea care citează	TIP		
219	1	Cortés-Caicedo, Brandon, Laura Sofia Avellaneda-Gómez, Oscar Danilo Montoya, Lázaro Alvarado-Barrios, and Harold R. Chamorro. "Application of the vortex search algorithm to the phase-balancing problem in distribution	ISI		5

		systems." Energies 14, no. 5 (2021): 1282.			
220	2	El-Fergany, Attia A. "Reviews, Challenges, and Insights on Computational Methods for Network Reconfigurations in Smart Electricity Distribution Networks." Archives of Computational Methods in Engineering (2023): 1-21.	ISI		5
221	3	Hashmi, Md Umar, David Brummund, Rickard Lundholm, Arpan Koirala, and Dirk Van Hertem. "Consensus based phase connectivity identification for distribution network with limited observability." Sustainable Energy, Grids and Networks 34 (2023): 101070.	ISI		5
222	4	Jimenez, Victor A., Adrian LE Will, and Diego F. Lizondo. "Phase reassignment for load balance in low-voltage distribution networks." International Journal of Electrical Power & Energy Systems 137 (2022): 107691.	ISI		5
223	5	Vai, Vannak, and Samphors Eng. "Study of grid-connected PV system for a low voltage distribution system: A case study of Cambodia." Energies 15, no. 14 (2022): 5003.	ISI		5
224	6	Yon, Kanika, Marie-Cecile Alvarez-Herault, Bertrand Raison, Kimsrornn Khon, Vannak Vai, and Long Bun. "Microgrids planning for rural electrification." In 2021 IEEE Madrid PowerTech, pp. 1-6. IEEE, 2021.	ISI		5
225	7	Alhmoud, Lina, Qosai Nawafleh, and Waleed Merri. "Three-phase feeder load balancing based optimized neural network using smart meters." Symmetry 13, no. 11 (2021): 2195.	ISI		5
226	12	Cruz-Reyes, Jose Luis, Sergio Steven Salcedo-Marcelo, and Oscar Danilo Montoya. "Application of the hurricane-based optimization algorithm to the phase-balancing problem in three-phase asymmetric networks." Computers 11, no. 3 (2022): 43.	ISI		5
227	13	Alhmoud, Lina, and Waleed Marji. "Optimization of three-phase feeder load balancing using smart meters." IEEE Canadian Journal of Electrical and Computer Engineering 45, no. 1 (2021): 9-17.	ISI		5
228	17	Cengizer, Duhan, Berkant Can Erkanat, and Oğuzhan Ceylan. "Optimization Based Approach To Solve Phase Balancing Problem In The Distribution System." In 2023 IEEE Belgrade PowerTech, pp. 01-06. IEEE, 2023.	ISI		5
		Lucrarea citată	Nr. autori		
	L58	Grigoras, Gheorghe, and Bogdan-Constantin Neagu. "Smart Meter Data-based three-stage algorithm to calculate power and energy losses in low voltage distribution networks." Energies 12, no. 15 (2019): 3008.	2	17.50	35
		Lucrarea care citează	TIP		
229	1	Chen, Zhiyi, Ali Moradi Amani, Xinghuo Yu, and Mahdi Jalili. "Control and optimisation of power grids using smart meter data: A review." Sensors 23, no. 4 (2023): 2118.	ISI		5
230	3	Li, Haifeng, Wenzhao Liang, Yuansheng Liang, Zhikeng Li, and Gang Wang. "Topology identification method for residential areas in low-voltage distribution networks based on unsupervised learning and graph theory." Electric Power Systems Research 215 (2023): 108969.	ISI		5
231	4	Dandea, Vasilica, and Gheorghe Grigoras. "Expert system integrating rule-based reasoning to voltage control in photovoltaic-systems-rich low voltage electric distribution networks: A review and results of a case study." Applied Sciences 13, no. 10 (2023): 6158.	ISI		5
232	5	Vlasa, Ilie, Adrian Gligor, Cristian-Dragos Dumitru, and Laszlo Barna Iantovics. "Smart metering systems optimization for non-technical losses reduction and consumption recording operation improvement in electricity sector." Sensors 20, no. 10 (2020): 2947.	ISI		5
233	6	Alymov, Ivan, and Moshe Averbukh. "Monitoring Energy Flows for Efficient Electricity Control in Low-Voltage Smart Grids." Energies 17, no. 9 (2023): 2123.	ISI		5
234	7	Žarković, Mileta, and Goran Dobrić. "Artificial Intelligence for Energy Theft Detection in Distribution Networks." Energies 17, no. 7 (2023): 1580.	ISI		5
235	11	Dandea, Vasilica, and Gheorghe Grigoras. "Expert System Integrating Rule-Based Reasoning to Voltage Control in PV-Rich Low Voltage Electric Distribution Networks." (2023).	ISI		5
		Lucrarea citată	Nr. autori		
	L59	Ovidiu Ivanov, Bogdan-Constantin Neagu, Gheorghe Grigoras, Mihai Gavrilas, " Capacitor banks placement optimization improvement using the	4	3.75	15

		sperm whale algorithm" In 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 1-4, IEEE (2019)			
		Lucrarea care citează	TIP		
236	1	Soma, Gian Giuseppe. "Optimal sizing and placement of capacitor banks in distribution networks using a genetic algorithm." Electricity 2, no. 2 (2021): 187-204.	ISI		5
237	2	Jawad, Atik, Kazi Toukir Ahmed, Sk Razibul Islam, and M. Asiful Islam. "Optimal capacitor placement in northern region of Bangladesh transmission network for voltage profile improvement." Energy Reports 9 (2023): 1896-1909.	ISI		5
238	4	Wu, Huiying, Meihua Zou, Ye Ke, Wenqi Ou, Yonghong Li, and Minquan Ye. "Effect Evaluation and Intelligent Prediction of Power Substation Project Considering New Energy." CMES-Computer Modeling in Engineering & Sciences 132, no. 3 (2022).	ISI		5
		Lucrarea citată	Nr. autori		
	L60	Bogdan Constantin Neagu, Gheorghe Grigoras, " Uncertainty-Based Decision Making in the Planning of Electric Transmission Networks." In 2019/6 ECAI, 1-4 (2019)	2	2.50	5
		Lucrarea care citează	TIP		
239	1	Picioroaga, Irina I., Andrei M. Tudose, Dorian O. Sidea, and Constantin Bulac. "Supply restoration in active distribution networks based on soft open points with embedded DC microgrids." Mathematics 10, no. 2 (2022): 211.	ISI		5
		Lucrarea citată	Nr. autori		
	L61	Bogdan Constantin Neagu, Gheorghe Grigoras, Ovidiu Ivanov, " An efficient peer-to-peer based blockchain approach for prosumers energy trading in microgrids" In 2019 8th International Conference on Modern Power Systems (MPS), 1-4, IEEE (2019)	3	20.00	60
		Lucrarea care citează	TIP		
240	1	Zia, Muhammad F., Mohamed Benbouzid, Elhoussin Elbouchikhi, S. M. Mueen, Kuaanan Techato, and Josep M. Guerrero. "Microgrid transactive energy: Review, architectures, distributed ledger technologies, and market analysis." Ieee Access 8 (2020): 19410-19432.	ISI		5
241	2	Di Silvestre, Maria Luisa, Pierluigi Gallo, Josep M. Guerrero, Rossano Musca, Eleonora Riva Sanseverino, Giuseppe Sciumè, Juan C. Vásquez, and Gaetano Zizzo. "Blockchain for power systems: Current trends and future applications." Renewable and Sustainable Energy Reviews 119 (2020): 109585.	ISI		5
242	3	Esmat, Ayman, Martijn de Vos, Yashar Ghiassi-Farrokhi, Peter Palensky, and Dick Epema. "A novel decentralized platform for peer-to-peer energy trading market with blockchain technology." Applied Energy 282 (2021): 116123.	ISI		5
243	4	Tsao, Yu-Chung, and Vo-Van Thanh. "Toward sustainable microgrids with blockchain technology-based peer-to-peer energy trading mechanism: A fuzzy meta-heuristic approach." Renewable and Sustainable Energy Reviews 136 (2021): 110452.	ISI		5
244	5	Rodrigues, Stefane Dias, and Vinicius Jacques Garcia. "Transactive energy in microgrid communities: A systematic review." Renewable and Sustainable Energy Reviews 171 (2023): 112999.	ISI		5
245	6	Jayachandran, M., K. Prasada Rao, Ranjith Kumar Gatla, C. Kalaivani, C. Kalaiarasy, and C. Logasabarirajan. "Operational concerns and solutions in smart electricity distribution systems." Utilities Policy 74 (2022): 101329.	ISI		5
246	7	Cali, Umit, Murat Kuzlu, D. Jonathan Sebastian-Cardenas, Onur Elma, Manisa Pipattanasomporn, and Ramesh Reddi. "Cybersecure and scalable, token-based renewable energy certificate framework using blockchain-enabled trading platform." Electrical Engineering (2022): 1-12.	ISI		5
247	8	Roncero-Clemente, Carlos, Eva Gonzalez-Romera, Fermin Barrero-González, María Isabel Milanés-Montero, and Enrique Romero-Cadaval. "Power-flow-based secondary control for autonomous droop-controlled AC nanogrids with peer-to-peer energy trading." IEEE Access 9 (2021): 22339-22350.	ISI		5
248	9	Ehjaz, Muhammad, Muhammad Iqbal, Syed Sajjad Haider Zaidi, and Bilal Muhammad Khan. "A novel scheme for P2P energy trading considering	ISI		5

		energy congestion in microgrid." IEEE Access 9 (2021): 147649-147664.			
249	11	Mnatsakanyan, Ashot, Hamad Albeshr, Ali Almarzooqi, Christos Iraklis, and Endika Bilbao. "Blockchain mediated virtual power plant: From concept to demonstration." The Journal of Engineering 2022, no. 7 (2022): 732-738.	ISI		5
250	12	Mussadiq, Usman, Anzar Mahmood, Saeed Ahmed, Sohail Razzaq, and Insoo Koo. "Economic and Climatic Impacts of Different Peer-to-Peer Game Theoretic-Based Energy Trading Systems." IEEE Access 8 (2020): 195632-195644.	ISI		5
251	13	González-Romera, Eva, Enrique Romero-Cadaval, Carlos Roncero-Clemente, Mercedes Ruiz-Cortés, Fermín Barrero-González, María-Isabel Milanés Montero, and Antonio Moreno-Muñoz. "Secondary control for storage power converters in isolated nanogrids to allow peer-to-peer power sharing." Electronics 9, no. 1 (2020): 140.	ISI		5
		Lucrarea citată	Nr. autori		
	L62	Gheorghe Grigoras, Bogdan-Constantin Neagu, Ovidiu Ivanov, " An Efficient Approach for Flattening the Electricity Consumption Profile at Small and Medium Enterprises" In 2019 8th International Conference on Modern Power Systems (MPS), 1-4, IEEE (2019)	3	1.67	5
		Lucrarea care citează	TIP		
252	1	Pacana, Andrzej, Karolina Czerwińska, and Grzegorz Ostasz. "Analysis of the level of efficiency of control methods in the context of energy intensity." Energies 16, no. 8 (2023): 3507.	ISI		5
		Lucrarea citată	Nr. autori		
	L63	Ustun, Taha Selim. Advanced Communication and Control Methods for Future Smartgrids. IntechOpen, 2019.	3	3.33	10
		Lucrarea care citează	TIP		
253	1	Tappeta, Vinay Simha Reddy, Bhargav Appasani, Suprava Patnaik, and Taha Selim Ustun. "A review on emerging communication and computational technologies for increased use of plug-in electric vehicles." Energies 15, no. 18 (2022): 6580.	ISI		5
254	2	Chatzivasilieiadis, Spyros, Petros Aristidou, Ioannis Dassios, Tomislav Dragicevic, Daniel Gebbran, Federico Milano, Claudia Rahmann, and Deepak Ramasubramanian. "Micro-flexibility: Challenges for power system modeling and control." Electric Power Systems Research 216 (2023): 109002.	ISI		5
		Lucrarea citată	Nr. autori		
	L64	Bogdan Constantin Neagu, Mihai Gavrilas, Radu Dumitru Pentiu, Eugen Hopulele, " Optimal Placement of Energy Storage Systems in Microgrids Using a PSO based Approach" In 2019 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 1-5, IEEE (2019)	4	1.25	5
		Lucrarea care citează	TIP		
255	2	Kaiyawong, Korawitch, Chakit Plongkrathoke, and Keerati Chayakulkheeree. "Bi-level Planning Model for Optimal Battery Energy Storage Allocation Considering Optimal Daily Scheduling Using Mixed-Integer Particle Swarm Optimization." Engineering Journal 27, no. 8 (2023): 13-27.	ISI		5
		Lucrarea citată	Nr. autori		
	L65	Mihai Gavrilas, Bogdan Constanatin Neagu, Radu Dumitru Pentiu, Eugen Hopulele, "Overview on Distributed Generation Integration in Distribution Systems" In 2018 International Conference and Exposition on Electrical And Power Engineering (EPE), 1063-1069, IEEE (2018)	4	2.50	10
		Lucrarea care citează	TIP		
256	1	Bobric, Elena Crenguta, and Daniela Irimia. "Load Profile Identification using Independent Component Analysis." In 2019 International Conference on Electromechanical and Energy Systems (SIELMEN), pp. 1-4. IEEE, 2019.	ISI		5
257	2	Picioara, Irina, Andrei Tudose, Dorian Sidea, Constantin Bulac, and Lucian Toma. "POWER SUPPLY RESTORATION IN ACTIVE DISTRIBUTION NETWORKS WITH HIGH PHOTOVOLTAIC PENETRATION BASED ON SOFT OPEN POINTS." REVUE ROUMAINE	ISI		5

		DES SCIENCES TECHNIQUES—SÉRIE ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE 66, no. 3 (2021): 181-186.			
		Lucrarea citată	Nr. autori		
	L66	Nicușor Toma, Ovidiu Ivanov, Bogdan Neagu, Mihai Gavrilă, "A PSO algorithm for phase load balancing in low voltage distribution networks" In 2018 International Conference and Exposition on Electrical And Power Engineering (EPE), 0857-0862, IEEE (2018)	4	12.50	50
		Lucrarea care citează	TIP		
258	1	Cortés-Caicedo, Brandon, Laura Sofía Avellaneda-Gómez, Oscar Danilo Montoya, Lazaro Alvarado-Barrios, and Harold R. Chamorro. "Application of the vortex search algorithm to the phase-balancing problem in distribution systems." <i>Energies</i> 14, no. 5 (2021): 1282.	ISI		5
259	2	Jimenez, Victor A., Adrian LE Will, and Diego F. Lizondo. "Phase reassignment for load balance in low-voltage distribution networks." <i>International Journal of Electrical Power & Energy Systems</i> 137 (2022): 107691.	ISI		5
260	3	Montoya, Oscar Danilo, Alexander Molina-Cabrera, Luis Fernando Grisales-Noreña, Ricardo Alberto Hincapié, and Mauricio Granada. "Improved genetic algorithm for phase-balancing in three-phase distribution networks: A master-slave optimization approach." <i>Computation</i> 9, no. 6 (2021): 67.	ISI		5
261	4	Vai, Vannak, and Samphors Eng. "Study of grid-connected PV system for a low voltage distribution system: A case study of Cambodia." <i>Energies</i> 15, no. 14 (2022): 5003.	ISI		5
262	5	Yon, Kanika, Marie-Cecile Alvarez-Herault, Bertrand Raison, Kimsrornn Khon, Vannak Vai, and Long Bun. "Microgrids planning for rural electrification." In <i>2021 IEEE Madrid PowerTech</i> , pp. 1-6. IEEE, 2021.	ISI		5
263	6	Montoya, Oscar Danilo, Andres Arias-Londoño, Luis Fernando Grisales-Noreña, José Ángel Barrios, and Harold R. Chamorro. "Optimal Demand Reconfiguration in Three-Phase Distribution Grids Using an MI-Convex Model." <i>Symmetry</i> 13, no. 7 (2021): 1124.	ISI		5
264	9	Homaee, Omid, Mohammad Javad Mirzaei, Arsalan Najafi, Zbigniew Leonowicz, and Michal Jasinski. "A practical probabilistic approach for load balancing in data-scarce LV distribution systems using discrete PSO and 2 m+ 1 PEM." <i>International Journal of Electrical Power & Energy Systems</i> 135 (2022): 107530.	ISI		5
265	12	Cruz-Reyes, Jose Luis, Sergio Steven Salcedo-Marcelo, and Oscar Danilo Montoya. "Application of the hurricane-based optimization algorithm to the phase-balancing problem in three-phase asymmetric networks." <i>Computers</i> 11, no. 3 (2022): 43.	ISI		5
266	16	Cortés-Caicedo, Brandon, Luis Fernando Grisales-Noreña, and Oscar Danilo Montoya. "Optimal Selection of Conductor Sizes in Three-Phase Asymmetric Distribution Networks Considering Optimal Phase-Balancing: An Application of the Salp Swarm Algorithm." <i>Mathematics</i> 10, no. 18 (2022): 3327.	ISI		5
267	20	Syrek, Przemysław, Mikolaj Skowron, and Antoni Ciesla. "Multiphase System of Coils as Illustrated by Magnetotherapy." In <i>2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE)</i> , pp. 1-4. IEEE, 2019.	ISI		5
		Lucrarea citată	Nr. autori		
	L67	FI Scarlatache, Gh Grigoras, BC Neagu, RC Ciobanu, "Aided decision making for hybrid energy systems planning in micro-grids" In 2018 Smart City Symposium Prague (SCSP), 1-5, IEEE (2018)	4	1.25	5
		Lucrarea care citează	TIP		
268	1	Costa, Tatiane Silva, and Marcelo Gradella Villalva. "Technical evaluation of a PV-diesel hybrid system with energy storage: Case study in the Tapajós-Arapuins Extractive Reserve, Amazon, Brazil." <i>Energies</i> 13, no. 11 (2020): 2969.	ISI		5
		Lucrarea citată	Nr. autori		
	L68	Bogdan Constantin Neagu, Mihai Gavrilă, Gheorghe Ghiocel Matei, "Voltage/VAR control with reactive power injection in distribution networks using a proper metaheuristic approach" In 2018 IEEE International	3	1.67	5

		Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC/I&CPS Europe), 1-6, IEEE (2018)			
		Lucrarea care citează	TIP		
269	1	Xu, Tianrui, Tao Ding, Chenggang Mu, Yuntao Ju, Mohammad Shahidehpour, Chao Zhu, and Yiyang Zhang. "Loop Analysis and Angle Recovery Based Reactive Power Optimization for Three-Phase Unbalanced Weakly-meshed Active Distribution Networks." <i>IEEE Transactions on Power Systems</i> (2022).	ISI		5
		Lucrarea citată	Nr. autori		
	L69	Ivanov, Ovidiu, Bogdan Constantin Neagu, and Mihai Gavrilăș. "Voltage profile improvement in electricity distribution networks—A genetic algorithm benchmark study." In <i>2017 International Conference on Electromechanical and Power Systems (SIELMEN)</i> , pp. 560-564. IEEE, 2017.	3	1.67	5
		Lucrarea care citează	TIP		
270	1	Peter, Ohanu Chibuike, Ohanu Ifeanyi Benedict, and Ogbuefi Uche Chinweoke. "Power Quality Improvement of a Distribution Network for Sustainable Power Supply." <i>International Journal of Integrated Engineering</i> 14, no. 1 (2022): 363-373.	ISI		5
		Lucrarea citată	Nr. autori		
	L70	Neagu, Bogdan Constantin, Ovidiu Ivanov, and Mihai Gavrilăș. "A comprehensive solution for optimal capacitor allocation problem in real distribution networks." In <i>2017 International Conference on Electromechanical and Power Systems (SIELMEN)</i> , pp. 565-570. IEEE, 2017.	3	3.33	10
		Lucrarea care citează	TIP		
271	1	Li, Junzhi, and Ying Tan. "A comprehensive review of the fireworks algorithm." <i>ACM Computing Surveys (CSUR)</i> 52, no. 6 (2019): 1-28.	ISI		5
272	2	Smaili, Idris H., Dhaifallah R. Almalawi, Abdullah M. Shaheen, and Hany SE Mansour. "Optimizing PV Sources and Shunt Capacitors for Energy Efficiency Improvement in Distribution Systems Using Subtraction-Average Algorithm." <i>Mathematics</i> 12, no. 5 (2023): 625.	ISI		5
		Lucrarea citată	Nr. autori		
	L71	Bogdan C Neagu, Ovidiu Ivanov, Mihai Gavrilăș, "Voltage profile improvement in distribution networks using the whale optimization algorithm" In <i>2017 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)</i> , 1-6, IEEE (2017)	3	10.00	30
		Lucrarea care citează	TIP		
273	1	Gharehchopogh, Farhad Soleimanian, and Hojjat Gholizadeh. "A comprehensive survey: Whale Optimization Algorithm and its applications." <i>Swarm and Evolutionary Computation</i> 48 (2019): 1-24.	ISI		5
274	2	Rana, Nadim, Muhammad Shafie Abd Latiff, Shafi'i. Muhammad Abdulhamid, and Haruna Chiroma. "Whale optimization algorithm: a systematic review of contemporary applications, modifications and developments." <i>Neural Computing and Applications</i> 32 (2020): 16245-16277.	ISI		5
275	3	Forcan, Miodrag, and Mirjana Maksimović. "Cloud-Fog-based approach for Smart Grid monitoring." <i>Simulation Modelling Practice and Theory</i> 101 (2020): 101988.	ISI		5
276	4	Sayed, Gehad Ismail, Ashraf Darwish, and Aboul Ella Hassanien. "Binary whale optimization algorithm and binary moth flame optimization with clustering algorithms for clinical breast cancer diagnoses." <i>Journal of Classification</i> 37, no. 1 (2020): 66-96.	ISI		5
277	6	Ang, Sovann, Uthen Leeton, Thanatchai Kulworawanichpong, and Keerati Chayakulkeeree. "Multi-Objective real power loss and voltage deviation minimization for grid connected micro power system using whale optimization algorithm." <i>International Energy Journal</i> 18, no. 3 (2018).	ISI		5
278	8	Vysocky, Jan, and Stanislav Misak. "Review of trends and targets of complex systems for power system optimization." <i>Energies</i> 13, no. 5 (2020): 1079.	ISI		5

		Lucrarea citată	Nr. autori		
	L72	Gheorghe Grigoras, Bogdan-Constantin Neagu, Florina Scarlatache, Romeo Cristian Ciobanu, " Identification of pilot nodes for secondary voltage control using K-means clustering algorithm" In 2017 IEEE 26th International Symposium on Industrial Electronics (ISIE), 106-110, IEEE (2017)	4	6.25	25
		Lucrarea care citează	TIP		
279	1	Sun, Kaiqi, Huangqing Xiao, Jiuping Pan, and Yilu Liu. "VSC-HVDC interties for urban power grid enhancement." <i>IEEE Transactions on Power Systems</i> 36, no. 5 (2021): 4745-4753.	ISI		5
280	2	Sánchez-Mora, Martín M., Walter M. Villa-Acevedo, and Jesús M. López-Lezama. "Multi-Area and Multi-Period Optimal Reactive Power Dispatch in Electric Power Systems." <i>Energies</i> 16, no. 17 (2023): 6373.	ISI		5
281	3	Di Fazio, Anna Rita, Mario Russo, and Michele De Santis. "Zoning evaluation for voltage optimization in distribution networks with distributed energy resources." <i>Energies</i> 12, no. 3 (2019): 390.	ISI		5
282	5	Bouzdid, Allal El Moubarek, Bogdan Marinescu, and Guillaume Denis. "Structural Analysis and Improved Reactive Power Alignment for Secondary Voltage Control." In <i>2019 IEEE Milan PowerTech</i> , pp. 1-6. IEEE, 2019.	ISI		5
283	7	Monnet, Maxime, Carmen Cardozo, Philippe Juston, Quentin Cossart, and Julien Callec. "Revisiting the French Secondary Voltage Regulation and Assessing its Dynamic Behavior with Dynawo." In <i>2023 IEEE Belgrade PowerTech</i> , pp. 1-6. IEEE, 2023.	ISI		5
		Lucrarea citată	Nr. autori		
	L73	Ovidiu Ivanov, Bogdan Constantin Neagu, Mihai Gavrilas, " A parallel PSO approach for optimal capacitor placement in electricity distribution networks" In 2017 International Conference on Modern Power Systems (MPS), 1-5, IEEE (2017)	3	6.67	20
		Lucrarea care citează	TIP		
284	1	Li, Jian-Yu, Zhi-Hui Zhan, Run-Dong Liu, Chuan Wang, Sam Kwong, and Jun Zhang. "Generation-level parallelism for evolutionary computation: A pipeline-based parallel particle swarm optimization." <i>IEEE Transactions on Cybernetics</i> 51, no. 10 (2020): 4848-4859.	ISI		5
285	2	Gonzalo, G., A. Aguila, D. Gonzalez, and L. Ortiz. "Optimum location and sizing of capacitor banks using VOLT VAR compensation in micro-grids." <i>IEEE Latin America Transactions</i> 18, no. 03 (2020): 465-472.	ISI		5
286	6	Orege, Roy, M. Christopher Maina, and George N. Nyakoe. "Optimal Sizing and Placement of Solar Photovoltaic Based DGs in the IEEE 9 Bus System Using Particle Swarm Optimization Algorithm." In <i>2018 IEEE PES/IAS PowerAfrica</i> , pp. 1-6. IEEE, 2018.	ISI		5
287	7	Boonserm, Prasitchai, and Suchada Sitjongsataporn. "Parallel DEPSO-Scout: Data Parallelism." In <i>2018 International Electrical Engineering Congress (iEECON)</i> , pp. 1-4. IEEE, 2018.	ISI		5
		Lucrarea citată	Nr. autori		
	L74	Bogdan Constantin Neagu, Gheorghe Grigoras, Florina Scarlatache, " Effects of outliers on calculation of load profile factors" In 2017 International Conference on Modern Power Systems (MPS), 1-4, IEEE (2017)	3	0.67	2
		Lucrarea care citează	TIP		
288	1	Cernușcă, Dumitru, Radu-Dumitru Pentiu, Eugen Hopulele, and Laurențiu Dan Milici. "Distributed generation modeling in MATLAB-Simulink." In <i>2019 International Conference on Electromechanical and Energy Systems (SIEMEN)</i> , pp. 1-4. IEEE, 2019.	ISI		2
		Lucrarea citată	Nr. autori		
	L75	Gheorghe Grigoras, Florina Scarlatache, Bogdan-Constantin Neagu, " Analysis of energy saving solutions based on replacement of distribution transformers" In 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 66-71, IEEE (2017)	3	3.33	10
		Lucrarea care citează	TIP		

289	1	Chelaru, Ecaterina, and Gheorghe Grigoraş. "Decision support system to determine the replacement ranking of the aged transformers in electric distribution networks." In <i>2020 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)</i> , pp. 1-6. IEEE, 2020.	ISI		5
290	3	Lepadat, Ionel, Elena Helerea, Sorin Abagiu, and Catalin Mihai. "Losses in power supply system of industrial consumers—A technical and economic issue." In <i>2017 5th International Symposium on Electrical and Electronics Engineering (ISEEE)</i> , pp. 1-6. IEEE, 2017.	ISI		5
		Lucrarea citată	Nr. autori		
	L76	Bogdan Neagu, Gheorghe Grigoraş, Florina Scarlatache, Cristina Schreiner, Romeo Ciobanu, " Patterns discovery of load curves characteristics using clustering based data mining" In 2017 11th IEEE International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), 83-87, IEEE (2017)	5	4.00	20
		Lucrarea care citează	TIP		
291	1	Chelaru, Ecaterina, and Gheorghe Grigoraş. "Decision support system to determine the replacement ranking of the aged transformers in electric distribution networks." In <i>2020 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)</i> , pp. 1-6. IEEE, 2020.	ISI		5
292	2	Qi, Jingchen, Bo Xiao, and Yun Chen. "l-cfsdp: A robust and high accuracy clustering method based on cfsdp." In <i>2018 37th Chinese Control Conference (CCC)</i> , pp. 9124-9129. IEEE, 2018.	ISI		5
293	3	Trittenbach, Holger, Jakob Bach, and Klemens Böhm. "Understanding the effects of temporal energy-data aggregation on clustering quality." <i>it-Information Technology</i> 61, no. 2-3 (2019): 111-123.	ISI		5
294	4	Jararweh, Yaser, Mohammed A. Shehab, Qussai Yaseen, and Mahmoud Al-Ayyoub. "Improving classification and clustering techniques using GPUs." <i>Concurrency and Computation: Practice and Experience</i> 32, no. 21 (2020): e5538.	ISI		5
		Lucrarea citată	Nr. autori		
	L77	Florina Scarlatache, Gheorghe Grigoraş, Bogdan Neagu, Cristina Schreiner, Romeo Ciobanu, " Influence of hybrid energy systems on micro-grids control" In 2017 11th IEEE International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), 313-317, IEEE (2017)	5	1.00	5
		Lucrarea care citează	TIP		
295	1	Adachi, Tomonori, and Toshiaki Yachi. "Dependence of Electrical Power Leveling Characteristics on Battery Discharge Rate in a Microgrid." In <i>2018 International Conference on Smart Grid (icSmartGrid)</i> , pp. 23-27. IEEE, 2018.	ISI		5
		Lucrarea citată	Nr. autori		
	L78	Bogdan Constantin Neagu, Gheorghe Grigoraş, Florina Scarlatache, " Outliers discovery from Smart Meters data using a statistical based data mining approach" In 2017 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 555-558, IEEE (2017)	3	10.00	30
		Lucrarea care citează	TIP		
296	1	Marzal, Silvia, Robert Salas, Raúl González-Medina, Gabriel Garcerá, and Emilio Figueres. "Current challenges and future trends in the field of communication architectures for microgrids." <i>Renewable and Sustainable Energy Reviews</i> 82 (2018): 3610-3622.	ISI		5
297	2	Ge, Mouzhi, Hind Bangui, and Barbora Buhnova. "Big data for internet of things: a survey." <i>Future generation computer systems</i> 87 (2018): 601-614.	ISI		5
298	3	Chatterjee, Ishani, Mengchu Zhou, Abdullah Abusorrah, Khaled Sedraoui, and Ahmed Alabdulwahab. "Statistics-based outlier detection and correction method for amazon customer reviews." <i>Entropy</i> 23, no. 12 (2021): 1645.	ISI		5
299	4	Gonzalez, Daniel, Miguel A. Patricio, Antonio Berlanga, and Jose M. Molina. "Variational autoencoders for anomaly detection in the behaviour of the elderly using electricity consumption data." <i>Expert Systems</i> 39, no. 4 (2022): e12744.	ISI		5
300	5	de Andrade, Pedro Henrique Meira, Juan Moises Mauricio Villanueva, and	ISI		5

		Helon David de Macedo Braz. "An outliers processing module based on artificial intelligence for substations metering system." <i>IEEE Transactions on Power Systems</i> 35, no. 5 (2020): 3400-3409.			
301	7	Chatterjee, Ishani. "Statistics-Based Anomaly Detection and Correction Method for Amazon Customer Reviews." PhD diss., New Jersey Institute of Technology, 2021.	ISI		5
		Lucrarea citată	Nr. autori		
	L79	Gheorghe Grigoras, Bogdan-Constantin Neagu, Florina Scarlatache, " Smart metering based approach for phase balancing in low voltage distribution systems" In 2017 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 551-554, IEEE (2017)	3	5.00	15
		Lucrarea care citează	TIP		
302	1	Jimenez, Victor Adrian, Adrian Will, and Sebastian Rodriguez. "Phase identification and substation detection using data analysis on limited electricity consumption measurements." <i>Electric Power Systems Research</i> 187 (2020): 106450.	ISI		5
303	2	Jimenez, Victor Adrian, and Adrian Will. "A new data-driven method based on Niching Genetic Algorithms for phase and substation identification." <i>Electric Power Systems Research</i> 199 (2021): 107434.	ISI		5
304	3	Cernuşcă, Dumitru, Radu-Dumitru Pentiu, Eugen Hopulele, and Laurenşiu Dan Milici. "Distributed generation modeling in MATLAB-Simulink." In <i>2019 International Conference on Electromechanical and Energy Systems (SIELMEN)</i> , pp. 1-4. IEEE, 2019.	ISI		5
		Lucrarea citată	Nr. autori		
	L80	Bogdan Constantin Neagu, Gheorghe Georgescu, Ovidiu Ivanov, " The impact of harmonic current flow on additional power losses in low voltage distribution networks" In 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 719-722, IEEE (2016)	3	5.00	15
		Lucrarea care citează	TIP		
305	1	Kalair, A., Naeem Abas, A. Raza Kalair, Zahid Saleem, and Nasrullah Khan. "Review of harmonic analysis, modeling and mitigation techniques." <i>Renewable and Sustainable Energy Reviews</i> 78 (2017): 1152-1187.	ISI		5
306	2	Abdeljawed, Hamza Ben, and Lilia El Amraoui. "Simulation and rapid control prototyping of DC powered universal motors speed control: Towards an efficient operation in future DC homes." <i>Engineering Science and Technology, an International Journal</i> 34 (2022): 101092.	ISI		5
307	4	Muchtar, Akhyar, and Wildan Mahir Muttaqin. "Comparison between single tuned filter and c-type filter performance on the electric power distribution network." In <i>Journal of Physics: Conference Series</i> , vol. 1175, no. 1, p. 012127. IOP Publishing, 2019.	ISI		5
		Lucrarea citată	Nr. autori		
	L81	Bogdan Constantin Neagu, Ovidiu Ivanov, Gheorghe Georgescu, " Reactive power compensation in distribution networks using the bat algorithm" In 2016 International conference and exposition on electrical and power engineering (EPE), 711-714, IEEE (2016)	3	5.00	15
		Lucrarea care citează	TIP		
308	1	Shehab, Mohammad, Muhannad A. Abu-Hashem, Mohd Khaled Yousef Shambour, Ahmed Izzat Alslibi, Osama Ahmad Alomari, Jatinder ND Gupta, Anas Ratib Alsoud, Belal Abuhaija, and Laith Abualigah. "A comprehensive review of bat inspired algorithm: variants, applications, and hybridization." <i>Archives of Computational Methods in Engineering</i> 30, no. 2 (2023): 765-797.	ISI		5
309	2	Xie, Jihua, Chang Chen, and Huan Long. "A loss reduction optimization method for distribution network based on combined power loss reduction strategy." <i>Complexity</i> 2021, no. 1 (2021): 9475754.	ISI		5
310	5	Wang, Meng, Hao Yi, Zebin Yang, Ran Tao, Xiayu Liu, Fang Zhuo, and Xuekai Hu. "Comprehensive control of voltage quality in distribution network based on reactive power optimization." In <i>2020 IEEE 9th International Power Electronics and Motion Control Conference (IPEMC2020-ECCE Asia)</i> , pp. 2849-2853. IEEE, 2020.	ISI		5

		Lucrarea citată	Nr. autori		
	L82	Neagu, Bogdan-Constantin, Gheorghe Grigoras, and Florina Scarlatache. "Power losses estimation in harmonic polluted LV distribution networks with a fuzzy approach." In <i>2016 8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)</i> , pp. 1-6. IEEE, 2016.	3	1.67	5
		Lucrarea care citează	TIP		
311	1	Ali, Basit, and Abdul Attayyab Khan. "Real-time distribution system analysis and load management algorithm for minimizing harmonics." <i>REVUE ROUMAINE DES SCIENCES TECHNIQUES—SÉRIE ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE</i> 66, no. 4 (2021): 237-242.	ISI		5
		Lucrarea citată	Nr. autori		
	L83	Florina Scarlatache, Gheorghe Grigoras, Bogdan Neagu "Decision making methodology based on fuzzy logic in optimal DG location" In <i>2016 8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)</i> , 1-4, IEEE (2016)	3	1.67	5
		Lucrarea care citează	TIP		
312	1	Arunagirinathan, Paranietharan, and Ganesh K. Venayagamoorthy. "Situational awareness of power system stabilizers' performance in energy control centers." In <i>2020 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)</i> , pp. 1-8. IEEE, 2020.	ISI		5
		Lucrarea citată	Nr. autori		
	L84	Gheorghe Grigoraș, Bogdan Constantin Neagu, Florina Scarlatache, " Estimation of energy losses in distribution transformers using a fuzzy approach" In <i>2016 International Symposium on Fundamentals of Electrical Engineering (ISFEE)</i> , 1-6, IEEE (2016)	3	3.33	10
		Lucrarea care citează	TIP		
313	1	Aslan, Busra, Selami Balci, Ahmet Kayabasi, and Berat Yildiz. "The core loss estimation of a single phase inverter transformer by using adaptive neuro-fuzzy inference system." <i>Measurement</i> 179 (2021): 109427.	ISI		5
314	2	Kul, Seda, Berat Yıldız, and Suleyman Sungur Tezcan. "Estimation of core losses in three-phase dry-type transformers using adaptive-network based fuzzy inference systems (ANFIS)." <i>Electric Power Components and Systems</i> 50, no. 16-17 (2022): 1006-1013.	ISI		5
		Lucrarea citată	Nr. autori		
	L85	Bogdan C Neagu, Gheorghe Grigoraș, Florina Scarlatache, " The influence of harmonics on power losses in urban distribution networks" In <i>2016 International Symposium on Fundamentals of Electrical Engineering (ISFEE)</i> , 1-4, IEEE (2016)	3	11.67	35
		Lucrarea care citează	TIP		
315	1	Ye, Jie, Songtao Huang, Linguo Liu, Lanxin Li, Jinbang Xu, and Anwen Shen. "Accurate harmonic calculation for digital SPWM of VSI with dead-time effect." <i>IEEE Transactions on Power Electronics</i> 36, no. 7 (2020): 7892-7902.	ISI		5
316	2	Smugala, Dariusz, and Michal Bonk. "Study of arc parameters of ac relays operating under distorted supply voltage conditions." <i>Energies</i> 13, no. 18 (2020): 4785.	ISI		5
317	3	Gheorghiu, Cristian, Mircea Scripcariu, Stefan Gheorghe, Miruna Gheorghiu, and Alexandra Gabriela Dobrica. "The impact of Power transformers on the Energy Performance Indicators of the power distribution grids of industrial end-users transitioning towards environmental sustainability." In <i>2021 9th International Conference on Modern Power Systems (MPS)</i> , pp. 1-7. IEEE, 2021.	ISI		5
318	4	Gheorghiu, Cristian, Stefan Gheorghe, Mircea Scripcariu, and Radu Porumb. "Energy Efficiency and Power Quality Indicators of a Micro Grid. Case Study: Lighting Systems." In <i>2019 8th International Conference on Modern Power Systems (MPS)</i> , pp. 1-7. IEEE, 2019.	ISI		5
319	5	Gheorghiu, Cristian, Stefan Gheorghe, Mircea Scripcariu, Radu Florin Porumb, and Gabriela Nicoleta Sava. "The Power Quality Indices influence	ISI		5

		on the Economics and the Energy Efficiency of industrial end-users." In <i>2021 International Conference on Applied and Theoretical Electricity (ICATE)</i> , pp. 1-4. IEEE, 2021.			
320	7	GHEORGHIU, Cristian, Mircea SCRIPCARIU, Ștefan GHEORGHE, and Gabriela Nicoleta SAVA. "Energy Performance Improvement Actions for Power Distribution Networks in University Campuses." In <i>2019 International Conference on Energy and Environment (CIEM)</i> , pp. 369-373. IEEE, 2019.	ISI		5
321	8	Jain, Vandana, and Bhim Singh. "EGI Based Control for a Grid Tied Double Stage Solar PV System." In <i>2018 8th IEEE India International Conference on Power Electronics (IICPE)</i> , pp. 1-6. IEEE, 2018.	ISI		5
		Lucrarea citată	Nr. autori		
	L86	Grigoras, Gh, and Bogdan Constantin Neagu. "Market clearing price forecasting in deregulated electricity markets using a fuzzy approach." In <i>6th International Conference on Modern Power Systems MPS 2015</i> , pp. 113-117. 2015.	2	2.50	5
		Lucrarea care citează	TIP		
322	1	Dumbrava, Virgil, George Cristian Lazaroiu, Mihaela Teliceanu, and George Gilca. "Educational software package for electricity market laboratory." In <i>2017 International Conference on Modern Power Systems (MPS)</i> , pp. 1-5. IEEE, 2017.	ISI		5
		Lucrarea citată	Nr. autori		
	L87	Pricope, R. Ȃ. Z. V. A. N., and B. Neagu. "Optimal reconfiguration of a wind farm power distribution network." <i>Bul. Inst. Politeh. Din Iasi</i> 61 (2015): 91-101.	2	7.50	15
		Lucrarea care citează	TIP		
323	1	Cerveira, Adelaide, Eduardo J. Solteiro Pires, and José Baptista. "Wind farm cable connection layout optimization with several substations." <i>Energies</i> 14, no. 12 (2021): 3615.	ISI		5
324	2	Cerveira, Adelaide, Amaro de Sousa, EJ Solteiro Pires, and José Baptista. "Optimizing wind farm cable layout considering ditch sharing." <i>International Transactions in Operational Research</i> 31, no. 1 (2023): 88-114.	ISI		5
325	3	Pires, Eduardo J. Solteiro, Adelaide Cerveira, and José Baptista. "Wind Farm Cable Connection Layout Optimization Using a Genetic Algorithm and Integer Linear Programming." <i>Computation</i> 11, no. 12 (2023): 241.	ISI		5
		Lucrarea citată	Nr. autori		
	L88	Neagu, Bogdan Constantin, and Gheorghe Georgescu. "Aspects regarding the monitoring possibilities and steady-state analysis of electric energy repartition networks." In <i>2014 International Conference and Exposition on Electrical and Power Engineering (EPE)</i> , pp. 1000-1003. IEEE, 2014.	2	5.00	10
		Lucrarea care citează	TIP		
326	1	Kharlov, N. N., V. S. Borovikov, V. Ya Ushakov, E. V. Tarasov, and L. L. Bulyga. "Calculation of steady non-sinusoidal modes and electric power losses in complex electrical networks." In <i>2016 IEEE International Power Electronics and Motion Control Conference (PEMC)</i> , pp. 336-341. IEEE, 2016.	ISI		5
327	2	Viorel, Rusu Alexandru, and Dorin Dumitru Lucache. "Economic Advantages in Proper Balancing of Phases in Street Lighting Design." In <i>2018 International Conference and Exposition on Electrical And Power Engineering (EPE)</i> , pp. 0953-0957. IEEE, 2018.	ISI		5
		Lucrarea citată	Nr. autori		
	L89	Neagu, Bogdan Constantin, and Gheorghe Georgescu. "Wind farm cable route optimization using a simple approach." In <i>2014 International Conference and Exposition on Electrical and Power Engineering (EPE)</i> , pp. 1004-1009. IEEE, 2014.	2	17.50	35
		Lucrarea care citează	TIP		
328	1	Pérez-Rúa, Juan-Andrés, and Nicolaos A. Cutululis. "Electrical cable optimization in offshore wind farms—A review." <i>Ieee Access</i> 7 (2019): 85796-85811.	ISI		5

329	2	Campaña, Miguel, and Esteban Inga. "Optimal deployment of fast-charging stations for electric vehicles considering the sizing of the electrical distribution network and traffic condition." <i>Energy Reports</i> 9 (2023): 5246-5268.	ISI		5
330	3	Wędzik, Andrzej, Tomasz Siewierski, and Michał Szypowski. "A new method for simultaneous optimizing of wind farm's network layout and cable cross-sections by MILP optimization." <i>Applied energy</i> 182 (2016): 525-538.	ISI		5
331	4	Campaña, Miguel, and Esteban Inga. "Optimal planning of electric vehicle charging stations considering traffic load for smart cities." <i>World Electric Vehicle Journal</i> 14, no. 4 (2023): 104.	ISI		5
332	7	Đorđević, Ana, and Željko Đurišić. "General mathematical model for the calculation of economic cross sections of cables for wind farms collector systems." <i>IET Renewable Power Generation</i> 12, no. 8 (2018): 901-909.	ISI		5
333	8	Inga, Esteban, Miguel Campaña, and Roberto Hincapié. "Optimal Sizing of Electrical Distribution Networks considering Scalable Demand and Voltage." In <i>2018 IEEE 1st colombian conference on applications in computational intelligence (ColCACI)</i> , pp. 1-6. IEEE, 2018.	ISI		5
334	11	Pérez-Rúa, Juan-Andrés, Daniel Hermosilla Minguijón, Kaushik Das, and Nicolaos A. Cutululis. "Heuristics-based design and optimization of offshore wind farms collection systems." In <i>Journal of Physics: Conference Series</i> , vol. 1356, no. 1, p. 012014. IOP Publishing, 2019.	ISI		5
		Lucrarea citată	Nr. autori		
	L90	Vicol, Bogdan, Mihai Gavrilăș, Ovidiu Ivanov, Bogdan Neagu, and Gheorghe Grigoras. "Synchronphasor measurement method for overhead line parameters estimation in MV distribution networks." In <i>2014 16th international conference on harmonics and quality of power (ICHQP)</i> , pp. 862-865. IEEE, 2014.	5	5.00	25
		Lucrarea care citează	TIP		
335	1	Cintula, Boris, Žaneta Eleschová, Matej Cenký, Peter Janiga, Jozef Bendík, and Anton Beláň. "Three-phase and single-phase measurement of overhead power line impedance evaluation." <i>Energies</i> 14, no. 19 (2021): 6314.	ISI		5
336	2	Cenky, Matej, Jozef Bendík, Boris Cintula, Peter Janiga, Anton Beláň, and Žaneta Eleschová. "Three-phase and single-phase measurement of overhead power line capacitance evaluation." <i>Electrical Engineering</i> 105, no. 2 (2023): 1045-1065.	ISI		5
337	3	Yang, Nien-Che, Rui Huang, and Mou-Fa Guo. "Distribution feeder parameter estimation without synchronized phasor measurement by using radial basis function neural networks and multi-run optimization method." <i>IEEE Access</i> 10 (2022): 2869-2879.	ISI		5
338	4	Popa, Cezar. "Impact of substations equipment to the environment." <i>International Journal of Global Warming</i> 21, no. 2 (2020): 155-172.	ISI		5
339	5	Jin, Hao, Zhan Gao, and Jianfeng Zhao. "Line Parameter Estimation of Distribution Network after Grounding Fault." In <i>2020 IEEE Power and Energy Conference at Illinois (PECI)</i> , pp. 1-6. IEEE, 2020.	ISI		5
		Lucrarea citată	Nr. autori		
	L91	Ivanov, Ovidiu, Mihai Gavrilăș, and Bogdan Neagu. "Intelligent monitoring and control in transmission and distribution networks." In <i>2014 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)</i> , pp. 185-191. IEEE, 2014.	3	13.33	40
		Lucrarea care citează	TIP		
340	1	Forcan, Miodrag, and Mirjana Maksimović. "Cloud-Fog-based approach for Smart Grid monitoring." <i>Simulation Modelling Practice and Theory</i> 101 (2020): 101988.	ISI		5
341	2	Ali, S. M., M. Jawad, B. Khan, C. A. Mehmood, N. Zeb, A. Tanoli, U. Farid, J. Glower, and S. U. Khan. "Wide area smart grid architectural model and control: A survey." <i>Renewable and Sustainable Energy Reviews</i> 64 (2016): 311-328.	ISI		5
342	3	Kong, Peng-Yong. "Optimal configuration of interdependence between communication network and power grid." <i>IEEE Transactions on Industrial Informatics</i> 15, no. 7 (2019): 4054-4065.	ISI		5
343	4	Pertl, Michael, Philip J. Douglass, Kai Heussen, and Koen Kok. "Validation of a robust neural real-time voltage estimator for active distribution grids on	ISI		5

		field data." <i>Electric Power Systems Research</i> 154 (2018): 182-192.			
344	5	Ivanov, Ovidiu, and Mihai Gavriș. "State estimation with Neural Networks and PMU voltage measurements." In <i>2014 International Conference and Exposition on Electrical and Power Engineering (EPE)</i> , pp. 983-988. IEEE, 2014.	ISI		5
345	6	Fainti, Rafik, Miltiadis Alamaniotis, and Lefteri H. Tsoukalas. "Three-phase congestion prediction utilizing artificial neural networks." In <i>2016 7th International Conference on Information, Intelligence, Systems & Applications (IISA)</i> , pp. 1-5. IEEE, 2016.	ISI		5
346	7	Fainti, Rafik, Miltiadis Alamaniotis, and Lefteri H. Tsoukalas. "Three-phase line overloading predictive monitoring utilizing artificial neural networks." In <i>2017 19th International Conference on Intelligent System Application to Power Systems (ISAP)</i> , pp. 1-6. IEEE, 2017.	ISI		5
347	8	Alali, Mohammad, Farshina Nazrul Shimim, Zagros Shahooei, and Maryam Bahramipناه. "Intelligent line congestion prognosis in active distribution system using artificial neural network." In <i>2021 IEEE Power & Energy Society Innovative Smart Grid Technologies Conference (ISGT)</i> , pp. 1-5. IEEE, 2021.	ISI		5
		Lucrarea citată	Nr. autori		
	L92	Neagu, B. O. G. D. A. N., and G. H. E. O. R. G. H. E. Georgescu. "Optimization possibilities for radial electric energy distribution network routes." <i>Bul. Inst. Politehnic, Iasi, LIX (LXIII), (Lxiii)</i> (2013).	2	2.50	5
		Lucrarea care citează	TIP		
348	1	Cerquides, Jesús, Gauthier Picard, and Juan Antonio Rodríguez-Aguilar. "Designing a marketplace for the trading and distribution of energy in the smart grid." (2015).	ISI		5
		Lucrarea citată	Nr. autori		
	L93	Neagu, B. C., G. H. E. O. R. G. H. E. Georgescu, and M. D. Gusa. "Distorting state analysis in electric energy distribution networks." <i>Buletinul Institutului Politehnic din Iasi, v. LVIII (LXII) 4</i> (2012): 97-108.	3	1.67	5
		Lucrarea care citează	TIP		
349	1	Ali, Basit, and Abdul Attayyab Khan. "Real-time distribution system analysis and load management algorithm for minimizing harmonics." <i>REVUE ROUMAINE DES SCIENCES TECHNIQUES—SÉRIE ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE</i> 66, no. 4 (2021): 237-242.	ISI		5
		Lucrarea citată	Nr. autori		
	L94	Neagu, Bogdan Constantin, Gheorghe Georgescu, and Astrid Elges. "Monitoring system of electric energy consumption to users." In <i>2012 International Conference and Exposition on Electrical and Power Engineering</i> , pp. 265-270. IEEE, 2012.	3	3.33	10
		Lucrarea care citează	TIP		
350	1	Rasool, Ghulam, Farrukh Ehsan, and Muhammad Shahbaz. "A systematic literature review on electricity management systems." <i>Renewable and sustainable energy reviews</i> 49 (2015): 975-989.	ISI		5
351	3	Liu, Renting, and Xuesong Jonathan Tan. "A Quota-Based Energy Consumption Management Method for Organizations Using Nash Bargaining Solution." In <i>Database Systems for Advanced Applications: DASFAA 2015 International Workshops, SeCoP, BDMS, and Posters, Hanoi, Vietnam, April 20-23, 2015, Revised Selected Papers 20</i> , pp. 98-108. Springer International Publishing, 2015.	ISI		5
		Lucrarea citată	Nr. autori		
	L95	Neagu, Bogdan, and Gheorghe Georgescu. "The optimization of reactive power sources placement in public repartition and distribution systems for power quality improvement." In <i>2012 13th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)</i> , pp. 200-207. IEEE, 2012.	2	2.50	5
		Lucrarea care citează	TIP		
352	1	Argatu, Florin-Ciprian, Vlad Brezoianu, Violeta Vasilica Argatu, Bogdan-	ISI		5

		Adrian Enache, Felix-Constantin Adochiei, and Teodor Icleanu. "Power quality analyzer for smart grid-smart home applications." In <i>2019 54th International Universities Power Engineering Conference (UPEC)</i> , pp. 1-4. IEEE, 2019.			
		Lucrarea citată	Nr. autori		
	L96	Neagu, B. O. G. D. A. N., Gh Georgescu, and M. Gusa. "Load curves characteristics of consumers supplied from electricity repartition and distribution public systems." <i>Buletinul Institutului Politehnic din Iasi Tomul LVII (LXI) Fasc 1</i> (2011): 141-157.	3	8.33	25
		Lucrarea care citează	TIP		
353	1	Banerjee, Avishek, Samiran Chattopadhyay, Mihai Gavrilaș, and Gheorghe Grigoras. "Optimization and estimation of reliability indices and cost of Power Distribution System of an urban area by a noble fuzzy-hybrid algorithm." <i>Applied Soft Computing</i> 102 (2021): 107078.	ISI		5
354	2	Mihai, Cătălin, Danuș Ilea, and Paul Mihai Mircea. "Use of load profile curves for the energy market." In <i>2016 International Conference on Development and Application Systems (DAS)</i> , pp. 63-70. IEEE, 2016.	ISI		5
355	3	Banerjee, Avishek, Samiran Chattopadhyay, Grigoras Gheorghe, and Mihai Gavrilaș. "Minimization of reliability indices and cost of power distribution systems in urban areas using an efficient hybrid meta-heuristic algorithm." <i>Soft Computing</i> 23 (2019): 1257-1281.	ISI		5
356	4	Liu, Pengyuan, Chenye Yang, Jiang Wu, Xingbo Fu, Ruanming Huang, Yichao Huang, and Fei Fei. "Hybrid Features based k-means clustering algorithm for use in electricity customer load pattern analysis." In <i>2018 37th Chinese Control Conference (CCC)</i> , pp. 8851-8857. IEEE, 2018.	ISI		5
357	5	Mihai, Cătălin, Cosmin Popa, and Paul Mihai Mircea. "Load profiling for gas stations using cluster techniques." In <i>2016 IEEE International Power Electronics and Motion Control Conference (PEMC)</i> , pp. 1041-1048. IEEE, 2016.	ISI		5
		Lucrarea citată	Nr. autori		
	L97	Gheorghe Georgescu, BC Neagu, " The pollution with harmonics in public electric energy repartition and distribution system" In Conference Proc. of ISEEEEC, 251-256 (2009)	2	2.50	5
		Lucrarea care citează	TIP		
358	1	Cordova-Fajardo, Miguel, and Eduardo S. Tututi. "A Mathematical Model for Home Appliances in a DC Home Nanogrid." <i>Energies</i> 16, no. 7 (2023): 2957.	ISI		5

3.2 Citări în reviste și volumele conferințelor indexate BDI

		Lucrarea citată	Nr. autori	151.48	total
	L1	Patel, Devangi Hitenkumar, Kamyra Premal Shah, Rajesh Gupta, Nilesh Kumar Jadav, Sudeep Tanwar, Bogdan Constantin Neagu, Simo Attila, Fayez Alqahtani, and Amr Tolba. "Blockchain-Based Crop Recommendation System for Precision Farming in IoT Environment." <i>Agronomy</i> 13, no. 10 (2023): 2642.	9	0.3333	3
		Lucrarea care citează	Tip		
1	1	Ongadi, Pauline A. "A comprehensive examination of security and privacy in precision agriculture technologies." (2023).	BDI		3
		Lucrarea citată	Nr. autori		
	L2	Mihai-Andrei Luca, Mihai Gavrilaș, Ovidiu Ivanov, Bogdan-Constantin Neagu " Efficient Operation Approach of Microgrids Enriched with Prosumers and Storage Systems". 10th International Conference on Modern Power Systems (MPS), 1-5 (2023)	4	0.75	3
		Lucrarea care citează	TIP		
2	1	Mohammad, Nur, and Shafiu Hasan Rafi. "Investigating Techno-Economic Benefits of Integrating a Microgrid in IEEE 14 Bus Test Power System Using Lagrangian Method." In 2023 6th International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT), pp.	BDI		3

		1445-1449. IEEE, 2023.			
		Lucrarea citată	Nr. autori		
	L3	Baiceanu, Florin-Constantin, Ovidiu Ivanov, Razvan-Constantin Beniuga, Bogdan-Constantin Neagu, and Ciprian-Mircea Nemes. "A Continuous Multistage Load Shedding Algorithm for Industrial Processes Based on Metaheuristic Optimization." Mathematics 11, no. 12 (2023): 2684.	5	0.6	3
		Lucrarea care citează	TIP		
3	1	Younus, Shawkat Mohammed, Abdulghani Abdulrazaq Al-Taei, Omar Sharaf Al-Deen Al-Yozbaky, and Imran Bashir. "An Overview of Various Strategies for Dealing With The Under-Frequency Load Shedding Problem in Power Systems." Al-Rafidain Engineering Journal (AREJ) 29, no. 1 (2023): 46-67.	BDI		3
		Lucrarea citată	Nr. autori		
	L4	Banu, Ioan Viorel, Fadila Barkat, Marcel Istrate, Josep M. Guerrero, George Culea, Petru Livinti, Justina G. Motas, Bogdan Neagu, and Dragos Andrioiaia. "Passive anti-Islanding protection for Three-Phase Grid-Connected photovoltaic power systems." International Journal of Electrical Power & Energy Systems 148 (2023): 108946.	9	1.3333	12
		Lucrarea care citează	TIP		
4	5	Khan, Mohammed Ali, Varaha Satya Bharath Kurukuru, Navid Bayati, and Thomas Ebel. "Digital Twin Paradigm for Fault Ride Through in Grid-Integrated Distributed Generation." In 2023 8th IEEE Workshop on the Electronic Grid (eGRID), pp. 1-8. IEEE, 2023.	BDI		3
5	6	Banu, Ioan-Viorel, Fadila Barkat, Marcel Istrate, Josep M. Guerrero, George Culea, Petru Livinti, Roxana Grigore et al. "Study on Effect of Partial Shading Irradiance Conditions in Photovoltaic Solar Arrays." (2023).	BDI		3
6	7	Siqueira, Vitor FBF, Samuel G. Bender, Guilherme Zat, Daniel Motter, and Adriano B. Almeida. "Influence of PLL Techniques on Immunity Tests and Islanding Detection of an Inverter-Based Generator." In 2023 Workshop on Communication Networks and Power Systems (WCNPS), pp. 1-7. IEEE, 2023.	BDI		3
7	8	Prasad, Dharmbir, Rudra Pratap Singh, Anis Hakim, Ranadip Roy, and Md Irfan Khan. "Modeling of Anti-Islanding Protection for Solar Energy-Based Microgrid." In Operational Research for Renewable Energy and Sustainable Environments, pp. 170-198. IGI Global, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L5	Jasim, Ali M., Basil H. Jasim, Bogdan-Constantin Neagu, and Simo Attila. "Electric Vehicle Battery-Connected Parallel Distribution Generators for Intelligent Demand Management in Smart Microgrids." Energies 16, no. 6 (2023): 2570.	4	0.75	3
		Lucrarea care citează	TIP		
8	3	Merzah, Akram N., Abbas H. Abbas, and Firas M. Tuaimah. "Enhancing Power Transmission Stability with HVDC Systems During Load Contingencies." Journal Européen des Systèmes Automatisés 57, no. 1 (2023).	BDI		3
		Lucrarea citată	Nr. autori		
	L6	Jasim, Ali M., Basil H. Jasim, Florin-Constantin Baiceanu, and Bogdan-Constantin Neagu. "Optimized sizing of energy management system for off-grid hybrid solar/wind/battery/biogasifier/diesel microgrid system." Mathematics 11, no. 5 (2023): 1248.	4	9.75	39
		Lucrarea care citează	TIP		
9	4	Pérez Uc, Daniel Alejandro, Susana Estefany de León Aldaco, and Jesús Aguayo Alquicira. "Trends in Hybrid Renewable Energy System (HRES) Applications: A Review." Energies 17, no. 11 (2023): 2578.	BDI		3
10	6	Belboul, Zakaria, Belgacem Toulal, Abderrahman Bensalem, Chaouki Ghenai, Baseem Khan, and Salah Kamel. "Techno-economic optimization for isolated hybrid PV/wind/battery/diesel generator microgrid using improved salp swarm algorithm." Scientific Reports 14, no. 1 (2023): 2920.	BDI		3
11	7	Abdoulaye, Mahamat Adoum, Sebastian Waita, Cyrus Wabuge Wekesa,	BDI		3

		and Julius Mwakondo Mwabora. "Optimal sizing of an off-grid and grid-connected hybrid photovoltaic-wind system with battery and fuel cell storage system: A techno-economic, environmental, and social assessment." <i>Applied Energy</i> 365 (2023): 123201.			
12	9	Chen, Yujie, and Shuo Zhang. "Technical, economic, and environmental assessment of a stand-alone power system based on diesel engine with/without energy storage using an optimization algorithm: A case study in China." <i>Environmental Science and Pollution Research</i> (2023): 1-18.	BDI		3
13	12	Wang, Rui, Yang Gao, Yilin Jia, Hai He, Junjie Wu, and Weisheng Wang. "Stability Region of Grid-Forming Wind Turbine with Variable Parameters Using Bialternate Sum Matrix Approach." <i>Mathematics</i> 12, no. 7 (2023): 969.	BDI		3
14	13	Garces-Palacios, Luis E., Carlos D. Rodríguez-Gallegos, Fernando Vaca-Urbano, Manuel S. Alvarez-Alvarado, Oktoviano Gandhi, and César A. Rodríguez-Gallegos. "Optimal Design of a Hybrid Solar–Battery–Diesel System: A Case Study of Galapagos Islands." In <i>Solar</i> , vol. 4, no. 2, pp. 232-245. MDPI, 2023.	BDI		3
15	14	Mhamdi, H., O. Kerrou, and M. Aggour. "Comparative analysis of the technico-economical and environmental feasibility of an off-grid hybrid energy system for a surface drip irrigation system." <i>International Journal of Energy and Water Resources</i> (2023): 1-21.	BDI		3
16	15	Pürlü, Mikail, Cenk Andıç, Esra Aydın, and Burakcan Solak. "Optimal Design of Hybrid Renewable Energy System for a Region in Turkey Using HOMER." <i>Turkish Journal of Electrical Power and Energy Systems</i> 3, no. 3 (2023).	BDI		3
17	18	Erdal, Sude, Esra Aydın, and Cenk Andıç. "Design of a Stand-Alone Hybrid Solar/Wind/Battery/Diesel Microgrid for a Wastewater Treatment Plant in İzmir Using HOMER Pro Software." (2023).	BDI		3
18	19	Hussin, Mohamed Nuri, Mohamed Hossin, and Sadam Alnaghoughi. "Energy Flow Management and Size Optimization for Photo-Voltaic and Wind Renewable Sources Integrated with Vehicle-to-Grid Technology." <i>Journal of Pure & Applied Sciences</i> 22, no. 3 (2023): 244-252.	BDI		3
19	20	Ρέππας, Γεώργιος. "Μελέτη εγκατάστασης σταθμών ΑΠΕ (Φωτοβολταϊκών πάρκων κ. ά.) και συστημάτων αποθήκευσης ενέργειας και διασύνδεσή τους στο δίκτυο ηλεκτρικής ενέργειας." (2023).	BDI		3
20	21	Berrios Maturana, Jaime Santiago, Facundo Aguilera, and Germán Gustavo Oggier. "Dimensionamiento del Sistema de Almacenamiento de Energía de una Microrred Híbrida para Reducir el Consumo de Energía de la Red Eléctrica." (2023).	BDI		3
21	22	Shankar, Varshan Erik. "Off-Grid Microgrid Design Consideration for Rural Electrification." Master's thesis, NTNU, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L7	Parekh, Raj, Nisarg Patel, Rajesh Gupta, Nilesh Kumar Jadav, Sudeep Tanwar, Abdullah Alharbi, Amr Tolba, Bogdan-Constantin Neagu, and Maria Simona Raboaca. "Gefl: Gradient encryption-aided privacy preserved federated learning for autonomous vehicles." <i>IEEE Access</i> 11 (2023): 1825-1839.	9	2.6667	24
		Lucrarea care citează	TIP		
22	2	Chellapandi, Vishnu Pandi, Liangqi Yuan, Christopher G. Brinton, Stanislaw H. Żak, and Ziran Wang. "Federated learning for connected and automated vehicles: A survey of existing approaches and challenges." <i>IEEE Transactions on Intelligent Vehicles</i> (2023).	BDI		3
23	7	Singh, Aditya, Aryan Mehta, Ali Asgar Padaria, Nilesh Kumar Jadav, Rebakah Geddani, and Sudeep Tanwar. "Enhanced Pothole Detection Using YOLOv5 and Federated Learning." In 2023 14th International Conference on Cloud Computing, Data Science & Engineering (Confluence), pp. 549-554. IEEE, 2023.	BDI		3
24	9	Do, Tuong, Binh X. Nguyen, Hien Nguyen, Erman Tjiputra, Quang D. Tran, and Anh Nguyen. "Addressing Non-IID Problem in Federated Autonomous Driving with Contrastive Divergence Loss." <i>arXiv preprint arXiv:2303.06305</i> (2023).	BDI		3
25	10	Muhammad, Muna, Ahthasham Sajid, Gunjan Chhabra, Hamed Taherdoost, Inam Ullah Khan, and Keshav Kaushik. "Security & Privacy Issues in IoT Using Blockchain and ML." In 2023 Seventh International Conference on Image Information Processing (ICIIP), pp. 733-740. IEEE, 2023.	BDI		3
26	11	Zhao, You, Ye Fan, and Xuefen Bian. "OO-MA-KP-ABE-CRF: Online/Offline	BDI		3

		Multi-Authority Key-Policy Attribute-Based Encryption with Cryptographic Reverse Firewall for Physical Ability Data." Mathematics 11, no. 15 (2023): 3333.			
27	13	Patel, Nishi, Dhyan Patel, Nilesh Kumar Jadav, Sudeep Tanwar, and Deepak Garg. "Fuzzy and Spiking Neural Network-based Secure Data Exchange Framework for Autonomous Vehicle." In 2023 14th International Conference on Cloud Computing, Data Science & Engineering (Confluence), pp. 19-24. IEEE, 2023.	BDI		3
28	15	Hegde, Gayathri, Shrishti Bekal, P. Deepa Shenoy, and K. R. Venugopal. "Preserving Privacy and Security of Electronic Health Records using Blockchain-based Federated Learning (BFL) Framework." In 2023 IEEE 11th Region 10 Humanitarian Technology Conference (R10-HTC), pp. 853-859. IEEE, 2023.	BDI		3
29	16	Saranya, R., R. Saminathan, and N. Palanivel. "PRIVACY-PRESERVING FEDERATED LEARNING FOR SECURE IOT DATA PROCESSING AT THE EDGE."	BDI		3
		Lucrarea citată	Nr. autori		
	L8	Grigoraș, Gheorghe, Maria Simona Raboaca, Catalin Dumitrescu, Daniela Lucia Manea, Traian Candin Mihaltan, Violeta-Carolina Niculescu, and Bogdan Constantin Neagu. "Contributions to power Grid system analysis based on clustering techniques." Sensors 23, no. 4 (2023): 1895.	7	1.2857	9
		Lucrarea care citează	TIP		
30	1	Khaleel, Mohamed, Salah Ali Abulifa, and Adel Ali Abulifa. "Artificial intelligent techniques for identifying the cause of disturbances in the power grid." Brilliance: Research of Artificial Intelligence 3, no. 1 (2023): 19-31.	BDI		3
31	3	Vai, Vannak, Marie-Cécile Alvarez-Hérault, and Bertrand Raison. "Python-Based Planning Tool for LVAC Rural Electrification: Cluster Phase Balancing and Radial Topology." In 2023 IEEE PES Innovative Smart Grid Technologies Europe (ISGT EUROPE), pp. 1-5. IEEE, 2023.	BDI		3
32	4	Kazolis, Dimitrios Th, Panagiotis G. Kogias, and Nikolaos I. Roumeliotis. "Energy cluster analysis based on consumption data in different weather condition." In E3S Web of Conferences, vol. 404, p. 01005. EDP Sciences, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L9	Jasim, Ali M., Basil H. Jasim, Bogdan-Constantin Neagu, and Bilal Naji Alhasnawi. "Coordination control of a hybrid AC/DC smart microgrid with online fault detection, diagnostics, and localization using artificial neural networks." Electronics 12, no. 1 (2022): 187.	4	3.75	15
		Lucrarea care citează	TIP		
33	10	Alhasnawi, Bilal Naji, Nidhal Abd Mohammed, Basil H. Jasim, Sabah Mohammed Mket Almutoki, Hussein M. Hathal, Thulfiqar H. Mandeel, Ali M. Jasim, Rabeh Abbassi, Vladimir Bureș, and Bishoy E. Sedhom. "Optimal loads scheduling using the intelligent optimization approach." In AIP Conference Proceedings, vol. 3051, no. 1. AIP Publishing, 2023.	BDI		3
34	11	Nabi, M. A., and J. Surya Kumari. "Analysis of Various Maximum Power Point Tracking Algorithms Using Hybrid Energy Systems." In 2023 International Conference on Data Science and Network Security (ICDSNS), pp. 1-6. IEEE, 2023.	BDI		3
35	12	GOUR, RITIKA. "REMEDIATION OF VOLTAGE REGULATION ISSUES IN MICROGRID WITH INTERMITTENT RENEWABLE ENERGY SOURCES." PhD diss., 2023.	BDI		3
36	13	Alhasnawi, Bilal Naji, Basil H. Jasim, Vladimir Bureș, Bishoy E. Sedhom, Arshad Naji Alhasnawi, Rabeh Abbassi, Majid Razaq Mohamed Alsemawai, Pierluigi Siano, and Josep M. Guerrero. "Energy Strategy Reviews."	BDI		3
37	14	Kumar, S. Senthil. "PV Wind Battery Based DC Microgrid with Neural Network MPPT." J. Electrical Systems 20, no. 5s (2023): 430-437.	BDI		3
		Lucrarea citată	Nr. autori		
	L10	Jasim, Ali M., Basil H. Jasim, Bogdan-Constantin Neagu, and Bilal Naji Alhasnawi. "Efficient optimization algorithm-based demand-side management program for smart grid residential load." Axioms 12, no. 1	4	6	24

		(2022): 33.			
		Lucrarea care citează	TIP		
38	3	Shu, Lei, Yunjeong Mo, and Dong Zhao. "Energy retrofits for smart and connected communities: Scopes and technologies." Renewable and Sustainable Energy Reviews 199 (2023): 114510.	BDI		3
39	4	Alhasnawi, Bilal Naji, Basil H. Jasim, Ali M. Jasim, Vladimír Bureš, Arshad Naji Alhasnawi, Raad Z. Homod, Majid Razaq Mohamed Alsemawai, Rabeh Abbassi, and Bishoy E. Sedhom. "A multi-objective improved cockroach swarm algorithm approach for apartment energy management systems." Information 14, no. 10 (2023): 521.	BDI		3
40	8	Nebey, Abraham Hizkiel. "Recent advancement in demand side energy management system for optimal energy utilization." Energy Reports 11 (2023): 5422-5435.	BDI		3
41	15	Alhasnawi, Bilal Naji, Nidhal Abd Mohammed, Basil H. Jasim, Sabah Mohammed Mket Almutoki, Hussein M. Hathal, Thulfiqar H. Mandeel, Ali M. Jasim, Rabeh Abbassi, Vladimír Bureš, and Bishoy E. Sedhom. "Optimal loads scheduling using the intelligent optimization approach." In AIP Conference Proceedings, vol. 3051, no. 1. AIP Publishing, 2023.	BDI		3
42	16	Yousaf, Zaid, Sajjad Ali, Imran Khan, and Ghulam Hafeez. "Optimized Energy Management Considering Renewable Energy and Demand Response in Smart Grids." In 2023 2nd International Conference on Emerging Trends in Electrical, Control, and Telecommunication Engineering (ETECTE), pp. 1-7. IEEE, 2023.	BDI		3
43	18	Sinchuk, O. M., M. V. Rogoza, O. Yu Mykhailenko, D. V. Kobeliatskyi, and V. O. Fedotov. "HEURISTIC CONTROL OF POWER CONSUMPTION BY UP TO 1000 V ELECTRICAL LOADS AT MINING ENTERPRISES." Scientific Bulletin of National Mining University 1 (2023).	BDI		3
44	19	Nebey, Abraham Hizkiel. "Energy Reports."	BDI		
45	20	Shaikh, Abdul Khaliq, Amril Nazir, Nadia Khaliq, Abdul Salam Shah, and Naresh Adhikari. "Results in Engineering."	BDI		3
46	21	Maruthiah, V., M. Karthik, and S. Usha. "SMART GRID RENEWABLE ENERGY DISTRIBUTION FOR COMMERCIAL BUILDINGS USING GENETIC FUZZY SWARM ENHANCED RECURRENT EXTREME NEURAL LEARNING."	BDI		3
		Lucrarea citată	Nr. autori		
	L11	Pradeep, S., Yogesh Kumar Sharma, Chaman Verma, Neagu Bogdan Constantin, Zoltán Illés, Maria Simona Raboaca, and Traian Candin Mihaltan. "Utilizing WSN and Artificial Intelligence to Detect Fires." In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), pp. 424-428. IEEE, 2022.	7	0.4286	3
		Lucrarea care citează	TIP		
47	1	Salaria, Anshika, and Amandeep Singh. "A Guide Towards Implementing an Effective Forest Fire Detection System: Key Factors and Research Gaps." In 2023 5th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI), pp. 212-217. IEEE, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L12	Robin Singh Chouhan, Anand Singh Rajawat, SB Goyal, Pradeep Bedi, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma. "Experimental Analysis for Position Estimation using Trilateration and RSSI in Industry 4.0" In 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 904-908, IEEE (2022)	7	5.5714	39
		Lucrarea care citează	TIP		
48	1	Pardeshi, Dikshant, Prince Rawat, Akshaan Raj, Prasanna Gadabail, Ram Kumar Solanki, and Dr Pawan R. Bhaladhare. "Efficient Approach for Detecting Cardiovascular Disease Using Machine Learning." Int. J. of Aquatic Science 14, no. 1 (2023): 308-321.	BDI		3
49	2	Khode, Kasak, Arya Buwa, Atharva Borole, Harsh Gajbhiye, Dr Amit Gadekar, and Dr Ram Kumar Solanki. "Live Stock Market Prediction Model Using Artificial Neural Network." Int. J. of Aquatic Science 14, no. 1 (2023): 333-340.	BDI		3
50	4	Ahire, Samiksha, Swarang Gorhe, Tejas Palod, Abhishek Khalkar, Dr	BDI		3

		Chetan Chauhan, and Dr Ram Kumar Solanki. "First Copy Logo Detection System." Int. J. of Aquatic Science 14, no. 1 (2023): 322-332.			
51	5	Tambat, Aditi Manoj, Ramkumar Solanki, and Pawan R. Bhaladhare. "Sentiment Analysis-Emotion Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 381-390.	BDI		3
52	6	Patil, Sanket, Pranil Patil, Saurabh Patil, Shreyas Marathe, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Plant Leaf Disease Detection Using CNN Model." Int. J. of Aquatic Science 14, no. 1 (2023): 468-478.	BDI		3
53	7	Upasani, Sarthak M., Rohit R. Bhoi, Pranav P. Puri, Abhishek A. Jaybhaye, Pawan Bhaladhare, and Ram Kumar Solanki. "" Revolutionizing Consumer Behavior: the Impact of E-Commerce Websites." International Journal of Aquatic Science 14, no. 1 (2023): 516-528.	BDI		3
54	8	Jana, Arunima, Prarthana Yadav, Omkar Desai, Niraj Pawar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Multi-Disciplinary Approach and Efficient Algorithm for Programming Learning Platform Design." Int. J. of Aquatic Science 14, no. 1 (2023): 404-425.	BDI		3
55	9	Chaudhari, Alankar Rajendra, Charmi Jignesh Shah, Ainab Mushtaque Shivani, Mihir Naresh Sheth, Ram Kumar Solanki, and Dr Anand Singh Rajawat. "Automatic Door Lock System by Face Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 391-403.	BDI		3
56	10	Deore, Shivam, Yashowardhan Moin, Tejas Deshmukh, Saurabh Patil, Anirudha Kolpyakwar, and Ram Kumar Solanki. "College Erp System." Int. J. of Aquatic Science 14, no. 1 (2023): 505-515.	BDI		3
57	11	Vidhate, Jayashree, Aditya Shirsath, Ankit Aher, Vaidehi Patil, Sayantan Nath, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Students Attendance System Using Qr Code." Int. J. of Aquatic Science 14, no. 1 (2023): 453-467.	BDI		3
58	12	Patil, Manish, Hitesh Bhadane, Devdatt Shewale, Mahesh Lahoti, Dr Anand Singh Rajawat, and Ram Kumar Solanki. "Smart Machine Learning Model Early Prediction of Lifestyle Diseases." Int. J. of Aquatic Science 14, no. 1 (2023): 271-279.	BDI		3
59	13	Bangale, Manas, Ayush Chavan, Shitil Shetty, Arnav Deore, Amit Gadekar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Online Platform for Coding Exam and Interviews." Int. J. of Aquatic Science 14, no. 1 (2023): 263-270.	BDI		3
60	14	Waghmare, Mayuri Balu, Diksha Kishor Nandre, and Nikita Mahajan. "Food Ordering Web Application Like Zomato, Swiggy."	BDI		3
		Lucrarea citată	Nr. autori		
	L13	Anand Singh Rajawat, SB Goyal, Pradeep Bedi, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma. "Cyber-physical system for industrial automation using quantum deep learning" In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 897-903, IEEE (2022)	6	8	48
		Lucrarea care citează	TIP		
61	1	Pardeshi, Dikshant, Prince Rawat, Akshaan Raj, Prasanna Gadabail, Ram Kumar Solanki, and Dr Pawan R. Bhaladhare. "Efficient Approach for Detecting Cardiovascular Disease Using Machine Learning." Int. J. of Aquatic Science 14, no. 1 (2023): 308-321.	BDI		3
62	2	Khode, Kasak, Arya Buwa, Atharva Borole, Harsh Gajbhiye, Dr Amit Gadekar, and Dr Ram Kumar Solanki. "Live Stock Market Prediction Model Using Artificial Neural Network." Int. J. of Aquatic Science 14, no. 1 (2023): 333-340.	BDI		3
63	3	Khode, Kasak, Arya Buwa, Atharva Borole, Harsh Gajbhiye, Dr Amit Gadekar, and Dr Ram Kumar Solanki. "Live Stock Market Prediction Model Using Artificial Neural Network." Int. J. of Aquatic Science 14, no. 1 (2023): 333-340.	BDI		3
64	4	Ahire, Samiksha, Swarang Gorhe, Tejas Palod, Abhishek Khalkar, Dr Chetan Chauhan, and Dr Ram Kumar Solanki. "First Copy Logo Detection System." Int. J. of Aquatic Science 14, no. 1 (2023): 322-332.	BDI		3
65	6	Tambat, Aditi Manoj, Ramkumar Solanki, and Pawan R. Bhaladhare. "Sentiment Analysis-Emotion Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 381-390.	BDI		3
66	7	Rajawat, Anand Singh, S. B. Goyal, Manoj Kumar, and Saurabh Kumar. "Quantum Deep Neural Network Based Classification of Attack Vectors on the Ethereum Blockchain." EAI Endorsed Transactions on Scalable Information Systems (2023).	BDI		3

67	8	Payares, Esteban, and Juan Carlos Martinez-Santos. "Advancements in Quantum Machine Learning for Intrusion Detection: A Comprehensive Overview." Exploring Cyber Criminals and Data Privacy Measures (2023): 167-176.	BDI		3
68	9	Patil, Sanket, Pranil Patil, Saurabh Patil, Shreyas Marathe, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Plant Leaf Disease Detection Using CNN Model." Int. J. of Aquatic Science 14, no. 1 (2023): 468-478.	BDI		3
69	10	Upasani, Sarthak M., Rohit R. Bhoi, Pranav P. Puri, Abhishek A. Jaybhaye, Pawan Bhaladhare, and Ram Kumar Solanki. "" Revolutionizing Consumer Behavior: the Impact of E-Commerce Websites." International Journal of Aquatic Science 14, no. 1 (2023): 516-528.	BDI		3
70	11	Jana, Arunima, Prarthana Yadav, Omkar Desai, Niraj Pawar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Multi-Disciplinary Approach and Efficient Algorithm for Programming Learning Platform Design." Int. J. of Aquatic Science 14, no. 1 (2023): 404-425.	BDI		3
71	12	Chaudhari, Alankar Rajendra, Charmi Jignesh Shah, Ainab Mushtaque Shivani, Mihir Naresh Sheth, Ram Kumar Solanki, and Dr Anand Singh Rajawat. "Automatic Door Lock System by Face Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 391-403.	BDI		3
72	13	Deore, Shivam, Yashowardhan Moin, Tejas Deshmukh, Saurabh Patil, Anirudha Kolpyakwar, and Ram Kumar Solanki. "College Erp System." Int. J. of Aquatic Science 14, no. 1 (2023): 505-515.	BDI		3
73	14	Vidhate, Jayashree, Aditya Shirsath, Ankit Aher, Vaidehi Patil, Sayantan Nath, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Students Attendance System Using Qr Code." Int. J. of Aquatic Science 14, no. 1 (2023): 453-467.	BDI		3
74	15	Patil, Manish, Hitesh Bhadane, Devdatt Shewale, Mahesh Lahoti, Dr Anand Singh Rajawat, and Ram Kumar Solanki. "Smart Machine Learning Model Early Prediction of Lifestyle Diseases." Int. J. of Aquatic Science 14, no. 1 (2023): 271-279.	BDI		3
75	16	Bangale, Manas, Ayush Chavan, Shital Shetty, Arnav Deore, Amit Gadekar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Online Platform for Coding Exam and Interviews." Int. J. of Aquatic Science 14, no. 1 (2023): 263-270.	BDI		3
76	17	Waghmare, Mayuri Balu, Diksha Kishor Nandre, and Nikita Mahajan. "Food Ordering Web Application Like Zomato, Swiggy."	BDI		3
		Lucrarea citată	Nr. autori		
	L14	Piyush Pant, Anand Singh Rajawat, SB Goyal, Deepmala Singh, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma, " Using machine learning for Industry 5.0 efficiency prediction based on security and proposing models to enhance efficiency" In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 909-914, IEEE (2022)	7	8.5714	60
		Lucrarea care citează	TIP		
77	1	Pant, Piyush, Anand Singh Rajawat, S. B. Goyal, Baharu Bin Kemat, Traian Candin Mihăltan, Chaman Verma, and Maria Simona Răboacă. "Machine Learning Techniques for Analysis of Mars Weather Data." In 2023 15th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-7. IEEE, 2023.	BDI		3
78	3	Rajawat, Anand Singh, S. B. Goyal, Aarti Goyal, Kavita Rajawat, Maria Simona Raboaca, Chaman Verma, and Traian Candin Mihaltan. "Enhancing security and scalability of metaverse with blockchain-based consensus mechanisms." In 2023 15th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 01-06. IEEE, 2023.	BDI		3
79	4	Pardeshi, Dikshant, Prince Rawat, Akshaan Raj, Prasanna Gadail, Ram Kumar Solanki, and Dr Pawan R. Bhaladhare. "Efficient Approach for Detecting Cardiovascular Disease Using Machine Learning." Int. J. of Aquatic Science 14, no. 1 (2023): 308-321.	BDI		3
80	5	Patil, Yogesh H., Rachana Yogesh Patil, Madhuri Atmaram Gurale, and Arijit Karati. "Industry 5.0: Empowering Collaboration through Advanced Technological Approaches." In Intelligent Systems and Industrial Internet of Things for Sustainable Development, pp. 1-23. Chapman and Hall/CRC, 2023.	BDI		3
81	6	Khode, Kasak, Arya Buwa, Atharva Borole, Harsh Gajbhiye, Dr Amit Gadekar, and Dr Ram Kumar Solanki. "Live Stock Market Prediction Model Using Artificial Neural Network." Int. J. of Aquatic Science 14, no. 1 (2023): 333-340.	BDI		3

82	7	Ahire, Samiksha, Swarang Gorhe, Tejas Palod, Abhishek Khalkar, Dr Chetan Chauhan, and Dr Ram Kumar Solanki. "First Copy Logo Detection System." Int. J. of Aquatic Science 14, no. 1 (2023): 322-332.	BDI		3
83	8	Tambat, Aditi Manoj, Ramkumar Solanki, and Pawan R. Bhaladhare. "Sentiment Analysis-Emotion Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 381-390.	BDI		3
84	9	Pant, Piyush, S. B. Goyal, Anand Singh Rajawat, Amol Potgantwar, Pradeep Bedi, and Chawki Djeddi. "Anomaly Detection Algorithm with Blockchain to Detect Potential Security Attacks in the IIoT Model of Industry 5.0." In International Conference on Advanced Engineering, Technology and Applications, pp. 175-188. Cham: Springer Nature Switzerland, 2023.	BDI		3
85	10	Cauteruccio, Francesco, and Enrico Corradini. "An Overview of Emerging Anomaly Detection Methods and a Research Agenda for Internet of Everything and Industry 5.0 Contexts." In Proceedings of the 2023 INTERNATIONAL CONFERENCE ON EMBEDDED WIRELESS SYSTEMS AND NETWORKS, pp. 357-362. 2023.	BDI		3
86	11	Pant, Piyush, Rajendra Sinha, Anand Singh Rajawat, S. B. Goyal, and Masri bin Abdul Lasi. "Deep Q-Learning for Virtual Autonomous Automobile." In International Conference on Data Analytics & Management, pp. 203-216. Singapore: Springer Nature Singapore, 2023.	BDI		3
87	12	Patil, Sanket, Pranil Patil, Saurabh Patil, Shreyas Marathe, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Plant Leaf Disease Detection Using CNN Model." Int. J. of Aquatic Science 14, no. 1 (2023): 468-478.	BDI		3
88	13	Francis, Vipin, and Neenet Baby Manjaly. "Navigating the Transformation: HRM and Banking 5.0."	BDI		3
89	14	Upasani, Sarthak M., Rohit R. Bhoi, Pranav P. Puri, Abhishek A. Jaybhaye, Pawan Bhaladhare, and Ram Kumar Solanki. "" Revolutionizing Consumer Behavior: the Impact of E-Commerce Websites." International Journal of Aquatic Science 14, no. 1 (2023): 516-528.	BDI		3
90	15	Jana, Arunima, Prarthana Yadav, Omkar Desai, Niraj Pawar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Multi-Disciplinary Approach and Efficient Algorithm for Programming Learning Platform Design." Int. J. of Aquatic Science 14, no. 1 (2023): 404-425.	BDI		3
91	16	Chaudhari, Alankar Rajendra, Charmi Jignesh Shah, Ainab Mushtaque Shivani, Mihir Naresh Sheth, Ram Kumar Solanki, and Dr Anand Singh Rajawat. "Automatic Door Lock System by Face Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 391-403.	BDI		3
92	17	Deore, Shivam, Yashowardhan Moin, Tejas Deshmukh, Saurabh Patil, Anirudha Kolpyakwar, and Ram Kumar Solanki. "College Erp System." Int. J. of Aquatic Science 14, no. 1 (2023): 505-515.	BDI		3
93	18	Vidhate, Jayashree, Aditya Shirsath, Ankit Aher, Vaidehi Patil, Sayantan Nath, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Students Attendance System Using Qr Code." Int. J. of Aquatic Science 14, no. 1 (2023): 453-467.	BDI		3
94	19	Patil, Manish, Hitesh Bhadane, Devdatt Shewale, Mahesh Lahoti, Dr Anand Singh Rajawat, and Ram Kumar Solanki. "Smart Machine Learning Model Early Prediction of Lifestyle Diseases." Int. J. of Aquatic Science 14, no. 1 (2023): 271-279.	BDI		3
95	20	Bangale, Manas, Ayush Chavan, Shital Shetty, Arnav Deore, Amit Gadekar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Online Platform for Coding Exam and Interviews." Int. J. of Aquatic Science 14, no. 1 (2023): 263-270.	BDI		3
96	21	Waghmare, Mayuri Balu, Diksha Kishor Nandre, and Nikita Mahajan. "Food Ordering Web Application Like Zomato, Swiggy."	BDI		3
		Lucrarea citată	Nr. autori		
	L15	Piyush Pant, Anand Singh Rajawat, SB Goyal, Amol Potgantwar, Pradeep Bedi, Maria Simona Raboaca, Neagu Bogdan Constantin, Chaman Verma, " AI based technologies for international space station and space data" In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 19-25, IEEE (2022)	8	7.125	57
		Lucrarea care citează	TIP		
97	3	Pardeshi, Dikshant, Prince Rawat, Akshaan Raj, Prasanna Gadail, Ram Kumar Solanki, and Dr Pawan R. Bhaladhare. "Efficient Approach for Detecting Cardiovascular Disease Using Machine Learning." Int. J. of Aquatic Science 14, no. 1 (2023): 308-321.	BDI		3
98	4	Khode, Kasak, Arya Buwa, Atharva Borole, Harsh Gajbhiye, Dr Amit Gadekar, and Dr Ram Kumar Solanki. "Live Stock Market Prediction Model	BDI		3

		Using Artificial Neural Network." Int. J. of Aquatic Science 14, no. 1 (2023): 333-340.			
99	5	Ahire, Samiksha, Swarang Gorhe, Tejas Palod, Abhishek Khalkar, Dr Chetan Chauhan, and Dr Ram Kumar Solanki. "First Copy Logo Detection System." Int. J. of Aquatic Science 14, no. 1 (2023): 322-332.	BDI		3
100	6	Gaidhani, Abhay R., and Amol D. Potgantwar. "A Review of Machine Learning-Based Routing Protocols for Wireless Sensor Network Lifetime." Engineering Proceedings 59, no. 1 (2023): 231.	BDI		3
101	7	Tambat, Aditi Manoj, Ramkumar Solanki, and Pawan R. Bhaladhare. "Sentiment Analysis-Emotion Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 381-390.	BDI		3
102	8	Pant, Piyush, S. B. Goyal, Anand Singh Rajawat, Amol Potgantwar, Pradeep Bedi, and Chawki Djeddi. "Anomaly Detection Algorithm with Blockchain to Detect Potential Security Attacks in the IIoT Model of Industry 5.0." In International Conference on Advanced Engineering, Technology and Applications, pp. 175-188. Cham: Springer Nature Switzerland, 2023.	BDI		3
103	9	Pant, Piyush, Rajendra Sinha, Anand Singh Rajawat, S. B. Goyal, and Masri bin Abdul Lasi. "Deep Q-Learning for Virtual Autonomous Automobile." In International Conference on Data Analytics & Management, pp. 203-216. Singapore: Springer Nature Singapore, 2023.	BDI		3
104	10	Patil, Sanket, Pranil Patil, Saurabh Patil, Shreyas Marathe, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Plant Leaf Disease Detection Using CNN Model." Int. J. of Aquatic Science 14, no. 1 (2023): 468-478.	BDI		3
105	11	Ming, Liu, Lin Xiao Hong, and Wu Wei. "Design and Application of Aerospace Intelligent Housing System of Manned Space Station Base on Space-Integrated-Ground Network." In 2023 7th World Conference on Computing and Communication Technologies (WCCCT), pp. 255-259. IEEE, 2023.	BDI		3
106	12	Liu, Ming, Xiaohong Lin, and Xiaofeng Liang. "Operation Management of Manned Space Station Base on Space-Integrated-Ground Network." In 2023 International Conference on Computer Science and Automation Technology (CSAT), pp. 428-433. IEEE, 2023.	BDI		3
107	13	Amir, Shamaila, and Nazia Abdul Rehman. "Marine Corps University Press."	BDI		3
108	14	Upasani, Sarthak M., Rohit R. Bhoi, Pranav P. Puri, Abhishek A. Jaybhaye, Pawan Bhaladhare, and Ram Kumar Solanki. "" Revolutionizing Consumer Behavior: the Impact of E-Commerce Websites." International Journal of Aquatic Science 14, no. 1 (2023): 516-528.	BDI		3
109	15	Jana, Arunima, Prarthana Yadav, Omkar Desai, Niraj Pawar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Multi-Disciplinary Approach and Efficient Algorithm for Programming Learning Platform Design." Int. J. of Aquatic Science 14, no. 1 (2023): 404-425.	BDI		3
110	16	Chaudhari, Alankar Rajendra, Charmi Jignesh Shah, Ainab Mushtaque Shivani, Mihir Naresh Sheth, Ram Kumar Solanki, and Dr Anand Singh Rajawat. "Automatic Door Lock System by Face Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 391-403.	BDI		3
111	17	Deore, Shivam, Yashowardhan Moin, Tejas Deshmukh, Saurabh Patil, Anirudha Kolpyakwar, and Ram Kumar Solanki. "College Erp System." Int. J. of Aquatic Science 14, no. 1 (2023): 505-515.	BDI		3
112	18	Vidhate, Jayashree, Aditya Shirsath, Ankit Aher, Vaidehi Patil, Sayantan Nath, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Students Attendance System Using Qr Code." Int. J. of Aquatic Science 14, no. 1 (2023): 453-467.	BDI		3
113	19	Patil, Manish, Hitesh Bhadane, Devdatt Shewale, Mahesh Lahoti, Dr Anand Singh Rajawat, and Ram Kumar Solanki. "Smart Machine Learning Model Early Prediction of Lifestyle Diseases." Int. J. of Aquatic Science 14, no. 1 (2023): 271-279.	BDI		3
114	20	Bangale, Manas, Ayush Chavan, Shital Shetty, Arnav Deore, Amit Gaddekar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Online Platform for Coding Exam and Interviews." Int. J. of Aquatic Science 14, no. 1 (2023): 263-270.	BDI		3
115	21	Waghmare, Mayuri Balu, Diksha Kishor Nandre, and Nikita Mahajan. "Food Ordering Web Application Like Zomato, Swiggy."	BDI		3
		Lucrarea citată	Nr. autori		
	L16	Anand Singh Rajawat, SB Goyal, Pradeep Bedi, Abhudaya Shrivastava, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma, " Security analysis for threats to patient data in the medical internet of things" In 2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART), 248-253, IEEE (2022)	7	6.4286	45

		Lucrarea care citează	TIP		
116	2	Pardeshi, Dikshant, Prince Rawat, Akshaan Raj, Prasanna Gadail, Ram Kumar Solanki, and Dr Pawan R. Bhaladhare. "Efficient Approach for Detecting Cardiovascular Disease Using Machine Learning." Int. J. of Aquatic Science 14, no. 1 (2023): 308-321.	BDI		3
					3
117	3	Khode, Kasak, Arya Buwa, Atharva Borole, Harsh Gajbhiye, Dr Amit Gadekar, and Dr Ram Kumar Solanki. "Live Stock Market Prediction Model Using Artificial Neural Network." Int. J. of Aquatic Science 14, no. 1 (2023): 333-340.	BDI		3
118	4	Ahire, Samiksha, Swarang Gorhe, Tejas Palod, Abhishek Khalkar, Dr Chetan Chauhan, and Dr Ram Kumar Solanki. "First Copy Logo Detection System." Int. J. of Aquatic Science 14, no. 1 (2023): 322-332.	BDI		3
119	5	Tambat, Aditi Manoj, Ramkumar Solanki, and Pawan R. Bhaladhare. "Sentiment Analysis-Emotion Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 381-390.	BDI		3
120	6	Patil, Sanket, Pranil Patil, Saurabh Patil, Shreyas Marathe, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Plant Leaf Disease Detection Using CNN Model." Int. J. of Aquatic Science 14, no. 1 (2023): 468-478.	BDI		3
121	7	Barrionuevo Portero, Jonathan Andrés, and Josue Vladimir Morales Rivera. "Estado del arte acerca de patrones de almacenamiento de big data en el área de salud." Bachelor's thesis, 2023.	BDI		3
122	8	Upasani, Sarthak M., Rohit R. Bhoi, Pranav P. Puri, Abhishek A. Jaybhaye, Pawan Bhaladhare, and Ram Kumar Solanki. "" Revolutionizing Consumer Behavior: the Impact of E-Commerce Websites." International Journal of Aquatic Science 14, no. 1 (2023): 516-528.	BDI		3
123	9	Jana, Arunima, Prarthana Yadav, Omkar Desai, Niraj Pawar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Multi-Disciplinary Approach and Efficient Algorithm for Programming Learning Platform Design." Int. J. of Aquatic Science 14, no. 1 (2023): 404-425.	BDI		3
124	10	Chaudhari, Alankar Rajendra, Charmi Jignesh Shah, Ainab Mushtaque Shivani, Mihir Naresh Sheth, Ram Kumar Solanki, and Dr Anand Singh Rajawat. "Automatic Door Lock System by Face Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 391-403.	BDI		3
125	11	Deore, Shivam, Yashowardhan Moin, Tejas Deshmukh, Saurabh Patil, Anirudha Kolpyakwar, and Ram Kumar Solanki. "College Erp System." Int. J. of Aquatic Science 14, no. 1 (2023): 505-515.	BDI		3
126	12	Vidhate, Jayashree, Aditya Shirsath, Ankit Aher, Vaidehi Patil, Sayantan Nath, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Students Attendance System Using Qr Code." Int. J. of Aquatic Science 14, no. 1 (2023): 453-467.	BDI		3
127	13	Patil, Manish, Hitesh Bhadane, Devdatt Shewale, Mahesh Lahoti, Dr Anand Singh Rajawat, and Ram Kumar Solanki. "Smart Machine Learning Model Early Prediction of Lifestyle Diseases." Int. J. of Aquatic Science 14, no. 1 (2023): 271-279.	BDI		3
128	14	Bangale, Manas, Ayush Chavan, Shital Shetty, Arnav Deore, Amit Gadekar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Online Platform for Coding Exam and Interviews." Int. J. of Aquatic Science 14, no. 1 (2023): 263-270.	BDI		3
129	15	Waghmare, Mayuri Balu, Diksha Kishor Nandre, and Nikita Mahajan. "Food Ordering Web Application Like Zomato, Swiggy."	BDI		3
		Lucrarea citată	Nr. autori		
	L17	Jasim, Ali M., Basil H. Jasim, and Bogdan-Constantin Neagu. "A new decentralized PQ control for parallel inverters in grid-tied microgrids propelled by SMC-based buck-boost converters." Electronics 11, no. 23 (2022): 3917.	3	5	15
		Lucrarea care citează	TIP		
130	2	Jasim, Ali M., Basil H. Jasim, Vladimír Bureš, and Peter Mikulecký. "A novel cooperative control technique for hybrid AC/DC smart microgrid converters." IEEE Access 11 (2023): 2164-2181.	BDI		3
131	7	Stallon, Samuel Raj Daison, Ramanpillai Anand, Ramasamy Kannan, and Seenakesavan Rajasekaran. "Optimal detection and classification of grid connected system using MSVM-FSO technique." Environmental Science and Pollution Research (2023): 1-17.	BDI		3
132	9	Adam, Ahmed Hamed Ahmed, Salah Kamel, Radwa Mansour, and Mohamed A. Tolba. "Examining and Modeling a Three-Phase PWM AC/DC Boost Converter for High-Performance Applications." In 2023 6th	BDI		3

		International Youth Conference on Radio Electronics, Electrical and Power Engineering (REEPE), pp. 1-6. IEEE, 2023.			
133	10	Sujithkumar, T. P., N. Shanmugasundaram, V. Rajendran, and K. Sushita. "Enabling Efficient Monitoring in Smart Grid Distribution Systems using IoT." In 2023 Second International Conference on Advances in Computational Intelligence and Communication (ICACIC), pp. 1-6. IEEE, 2023.	BDI		3
134	11	Jyothsna, Kalakonda, Y. Shyam Sundar, B. Sathyavani, Upendra Roy BP, and Sapna Kumari. "Advanced Modulation Technique for Power Electronic Converters in Grid-Tied Inverters." In 2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT), pp. 1-6. IEEE, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L18	Renjith V Ravi, SB Goyal, Neagu Bogdan Constantin, Maria Simona Raboaca, Chaman Verma, Vladimir Kustov, " Monitoring and Control of Electrical Sub Station Using IoT and Cloud" In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), 654-657, IEEE (2022)	6	0.5	3
		Lucrarea care citează	TIP		
135	1	Xu, Chong, and Jing Li. "Design of Intelligent Software Security System Based on Spark Big Data Computing." Wireless Personal Communications (2023): 1-21.	BDI		3
		Lucrarea citată	Nr. autori		
	L19	Anand Singh Rajawat, SB Goyal, Pradeep Bedi, Shilpa Malik, Bogdan Constantin Neagu, Maria Simona Raboaca, Chaman Verma, " Visual cryptography and blockchain for protecting against phishing attacks on electronic voting systems" In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), 663-666, IEEE (2022)	7	6	42
		Lucrarea care citează	TIP		
136	1	Pardeshi, Dikshant, Prince Rawat, Akshaan Raj, Prasanna Gadail, Ram Kumar Solanki, and Dr Pawan R. Bhaladhare. "Efficient Approach for Detecting Cardiovascular Disease Using Machine Learning." Int. J. of Aquatic Science 14, no. 1 (2023): 308-321.	BDI		3
137	2	Khode, Kasak, Arya Buwa, Atharva Borole, Harsh Gajbhiye, Dr Amit Gadekar, and Dr Ram Kumar Solanki. "Live Stock Market Prediction Model Using Artificial Neural Network." Int. J. of Aquatic Science 14, no. 1 (2023): 333-340.	BDI		3
138	3	Ahire, Samiksha, Swarang Gorhe, Tejas Palod, Abhishek Khalkar, Dr Chetan Chauhan, and Dr Ram Kumar Solanki. "First Copy Logo Detection System." Int. J. of Aquatic Science 14, no. 1 (2023): 322-332.	BDI		3
139	4	Tambat, Aditi Manoj, Ramkumar Solanki, and Pawan R. Bhaladhare. "Sentiment Analysis-Emotion Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 381-390.	BDI		3
140	5	Patil, Sanket, Pranil Patil, Saurabh Patil, Shreyas Marathe, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Plant Leaf Disease Detection Using CNN Model." Int. J. of Aquatic Science 14, no. 1 (2023): 468-478.	BDI		3
141	6	Chen, Chuqiao, S. B. Goyal, and A. Z. M. Ibrahim. "CG-Transmission: A New Encrypted Transmission Method for the Data Middle Platform." In Doctoral Symposium on Computational Intelligence, pp. 139-150. Singapore: Springer Nature Singapore, 2023.	BDI		3
142	7	Upasani, Sarthak M., Rohit R. Bhoi, Pranav P. Puri, Abhishek A. Jaybhaye, Pawan Bhaladhare, and Ram Kumar Solanki. "" Revolutionizing Consumer Behavior: the Impact of E-Commerce Websites." International Journal of Aquatic Science 14, no. 1 (2023): 516-528.	BDI		3
143	8	Jana, Arunima, Prarthana Yadav, Omkar Desai, Niraj Pawar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Multi-Disciplinary Approach and Efficient Algorithm for Programming Learning Platform Design." Int. J. of Aquatic Science 14, no. 1 (2023): 404-425.	BDI		3
144	9	Chaudhari, Alankar Rajendra, Charmi Jignesh Shah, Ainab Mushtaque Shivani, Mihir Naresh Sheth, Ram Kumar Solanki, and Dr Anand Singh Rajawat. "Automatic Door Lock System by Face Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 391-403.	BDI		3
145	10	Deore, Shivam, Yashowardhan Moin, Tejas Deshmukh, Saurabh Patil,	BDI		3

		Anirudha Kolpyakwar, and Ram Kumar Solanki. "College Erp System." Int. J. of Aquatic Science 14, no. 1 (2023): 505-515.			
146	11	Vidhate, Jayashree, Aditya Shirsath, Ankit Aher, Vaidehi Patil, Sayantan Nath, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Students Attendance System Using Qr Code." Int. J. of Aquatic Science 14, no. 1 (2023): 453-467.	BDI		3
147	12	Patil, Manish, Hitesh Bhadane, Devdatt Shewale, Mahesh Lahoti, Dr Anand Singh Rajawat, and Ram Kumar Solanki. "Smart Machine Learning Model Early Prediction of Lifestyle Diseases." Int. J. of Aquatic Science 14, no. 1 (2023): 271-279.	BDI		3
148	13	Bangale, Manas, Ayush Chavan, Shital Shetty, Arnav Deore, Amit Gadekar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Online Platform for Coding Exam and Interviews." Int. J. of Aquatic Science 14, no. 1 (2023): 263-270.	BDI		3
149	14	Waghmare, Mayuri Balu, Diksha Kishor Nandre, and Nikita Mahajan. "Food Ordering Web Application Like Zomato, Swiggy."	BDI		3
		Lucrarea citată	Nr. autori		
	L20	Ovidiu Ivanov, Bogdan-Constantin Neagu, Nicușor-Constantin Toma, Gheorghe Grigoras, Paul-Daniel Ghilan, Mihai Gavrilas, " Metaheuristic Approaches for Distributed Generation Placement Optimization in Electrical Grids: A comparison between PSO, Tiki-Taka and Archimedes Optimzation Algorithms" In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), 208-212, IEEE (2022)	6	1	6
		Lucrarea care citează	TIP		
150	1	Aitana, Darabean, Ardyono Priyadi, and Vita Lystianingrum. "Distributed Generator Rescheduling Optimalization In Sangihe Island Using Unit Commitment Based on Firefly Algorithm." In 2023 3rd International Conference on Smart Cities, Automation & Intelligent Computing Systems (ICON-SONICS), pp. 60-65. IEEE, 2023.	BDI		3
151	2	Brooks, Katerina. "Optimization of Electric Vehicle Charge Scheduling in Multiple Parking Lots: A Method Based on Metaheuristics and High Performance Computing." (2023).	BDI		3
		Lucrarea citată	Nr. autori		
	L21	Renjith V Ravi, SB Goyal, Bogdan Constantin Neagu, Maria Simona Raboaca, Chaman Verma, " A low-cost industrial automation system using IoT and cloud computing" In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), 649-653, IEEE (2022)	5	3	15
		Lucrarea care citează	TIP		
152	2	Xu, Chong, and Jing Li. "Design of Intelligent Software Security System Based on Spark Big Data Computing." Wireless Personal Communications (2023): 1-21.	BDI		3
153	4	Mohamed, A., T. Almuhi, M. Rahamtallah, N. Ghizawi, A. Louiz, and K. O. Elsheikh. "Off-The-Shelf IoT Gateways as a Viable Alternative to Traditional HMI Devices." In International Petroleum Technology Conference, p. D021S083R006. IPTC, 2023.	BDI		3
154	5	Yamini, B., S. Sreeraj, K. Supriya, T. Vinithra Banu, P. Y. Ragini, and Phaneendra Kurada. "Experimental Evaluation of Internet of Things Assisted Industrial Automation System with Smart Emergency Alert Mechanism." In 2023 Global Conference on Information Technologies and Communications (GCITC), pp. 1-6. IEEE, 2023.	BDI		3
155	6	Kaur, Mandeep. "Future of Industrial Automation With AI and Cloud Robotics." In Shaping the Future of Automation With Cloud-Enhanced Robotics, pp. 1-19. IGI Global, 2023.	BDI		3
156	7	Arvinthan, D. S., K. Gagan, K. A. Kalaimanivel, and P. Kumar. "Smart Industrial Automation System Using Logical Sensors with IoT Assistance." In 2023 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN), pp. 1112-1117. IEEE, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L22	Anand Singh Rajawat, SB Goyal, Pradeep Bedi, Traian Candin Mihaltan, Bogdan-Constantin Neagu, Maria Simona Raboaca, Chaman Verma, " Electrical fault detection for industry 4.0 using fusion deep learning algorithm" In 2022 International Conference and Exposition on Electrical And	7	6	42

		Power Engineering (EPE), 658-662, IEEE (2022)			
		Lucrarea care citează	TIP		
157	1	Pardeshi, Dikshant, Prince Rawat, Akshaan Raj, Prasanna Gadail, Ram Kumar Solanki, and Dr Pawan R. Bhaladhare. "Efficient Approach for Detecting Cardiovascular Disease Using Machine Learning." Int. J. of Aquatic Science 14, no. 1 (2023): 308-321.	BDI		3
158	2	Khode, Kasak, Arya Buwa, Atharva Borole, Harsh Gajbhiye, Dr Amit Gadekar, and Dr Ram Kumar Solanki. "Live Stock Market Prediction Model Using Artificial Neural Network." Int. J. of Aquatic Science 14, no. 1 (2023): 333-340.	BDI		3
159	3	Rizvi, Mohammed. "Leveraging Deep Learning Algorithms for Predicting Power Outages and Detecting Faults: A Review." Advances in Research 24, no. 5 (2023): 80-88.	BDI		3
160	4	Ahire, Samiksha, Swarang Gorhe, Tejas Palod, Abhishek Khalkar, Dr Chetan Chauhan, and Dr Ram Kumar Solanki. "First Copy Logo Detection System." Int. J. of Aquatic Science 14, no. 1 (2023): 322-332.	BDI		3
161	5	Tambat, Aditi Manoj, Ramkumar Solanki, and Pawan R. Bhaladhare. "Sentiment Analysis-Emotion Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 381-390.	BDI		3
162	6	Patil, Sanket, Pranil Patil, Saurabh Patil, Shreyas Marathe, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Plant Leaf Disease Detection Using CNN Model." Int. J. of Aquatic Science 14, no. 1 (2023): 468-478.	BDI		3
163	7	Upasani, Sarthak M., Rohit R. Bhoi, Pranav P. Puri, Abhishek A. Jaybhaye, Pawan Bhaladhare, and Ram Kumar Solanki. "" Revolutionizing Consumer Behavior: the Impact of E-Commerce Websites." International Journal of Aquatic Science 14, no. 1 (2023): 516-528.	BDI		3
164	8	Jana, Arunima, Prarthana Yadav, Omkar Desai, Niraj Pawar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Multi-Disciplinary Approach and Efficient Algorithm for Programming Learning Platform Design." Int. J. of Aquatic Science 14, no. 1 (2023): 404-425.	BDI		3
165	9	Chaudhari, Alankar Rajendra, Charmi Jignesh Shah, Ainab Mushtaque Shivani, Mihir Naresh Sheth, Ram Kumar Solanki, and Dr Anand Singh Rajawat. "Automatic Door Lock System by Face Recognition." Int. J. of Aquatic Science 14, no. 1 (2023): 391-403.	BDI		3
166	10	Deore, Shivam, Yashowardhan Moin, Tejas Deshmukh, Saurabh Patil, Anirudha Kolpyakwar, and Ram Kumar Solanki. "College Erp System." Int. J. of Aquatic Science 14, no. 1 (2023): 505-515.	BDI		3
167	11	Vidhate, Jayashree, Aditya Shirsath, Ankit Aher, Vaidehi Patil, Sayantan Nath, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Students Attendance System Using Qr Code." Int. J. of Aquatic Science 14, no. 1 (2023): 453-467.	BDI		3
168	12	Vidhate, Jayashree, Aditya Shirsath, Ankit Aher, Vaidehi Patil, Sayantan Nath, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Students Attendance System Using Qr Code." Int. J. of Aquatic Science 14, no. 1 (2023): 453-467.	BDI		3
169	13	Bangale, Manas, Ayush Chavan, Shital Shetty, Arnav Deore, Amit Gadekar, Ram Kumar Solanki, and Pawan R. Bhaladhare. "Online Platform for Coding Exam and Interviews." Int. J. of Aquatic Science 14, no. 1 (2023): 263-270.	BDI		3
170	14	Waghmare, Mayuri Balu, Diksha Kishor Nandre, and Nikita Mahajan. "Food Ordering Web Application Like Zomato, Swiggy."	BDI		3
		Lucrarea citată	Nr. autori		
	L23	Silviu Vornicu, Eduard Lunca, Bogdan Constantin Neagu, Florin Constantin Baiceanu, " Assessment of Extremely Low-Frequency Magnetic Field from Multiple High-Voltage Overhead Power Lines in Parallel Configuration" In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), 726-726, IEEE (2022)	4	1.5	6
		Lucrarea care citează	TIP		
171	1	Boukabou, Issam, Dulana Rupanetti, Naima Kaabouch, and Landon Foust. "Electromagnetic Environment Around Overhead Parallel Extra-High-Voltage Transmission Lines for UAS During Powerline Inspection." In 2023 IEEE Symposium on Electromagnetic Compatibility & Signal/Power Integrity (EMC+ SIPI), pp. 413-418. IEEE, 2023.	BDI		3
172	2	Alihodžić, Ajdin, Adnan Mujezinović, and Emir Turajlić. "Artificial neural network-based method for overhead lines magnetic flux density estimation." Journal of Electrical Engineering 75, no. 3 (2023): 181-191.	BDI		3

		Lucrarea citată	Nr. autori		
	L24	Munshi, Manushi, Manan Patel, Fayez Alqahtani, Amr Tolba, Rajesh Gupta, Nilesh Kumar Jadav, Sudeep Tanwar, Bogdan-Constantin Neagu, and Alin Dragomir. "Artificial Intelligence and Exploratory-Data-Analysis-Based Initial Public Offering Gain Prediction for Public Investors." Sustainability 14, no. 20 (2022): 13406.	9	1	9
		Lucrarea care citează	TIP		
173	1	Shah, Premal P., Nilesh Kumar Jadav, Vatsalkumar Makwana, Harshal Trivedi, Jitendra Bhatia, Sudeep Tanwar, and Hossein Shahinzadeh. "Transfer Learning-based Emotion Detection System in Cultivating Workplace Harmony." In 2023 20th CSI International Symposium on Artificial Intelligence and Signal Processing (AISP), pp. 1-6. IEEE, 2023.	BDI		3
174	2	Beldar, Pankaj, Mohansingh Pardeshi, Rahul Rakhade, and Shilpa Mene. "Analysis of Clusters With Indian Patent Data Using Different Word Embedding Techniques." Journal of Survey in Fisheries Sciences 10, no. 3 (2023): 735-752.	BDI		3
175	3	Fariskya, Sabela Nur, and Shinta Permata Sari. "The Impact of Financial Performance on Initial Returns of Companies Conducting Initial Public Offerings in Indonesia." E-Jurnal Akuntansi 34, no. 5: 1180-1192.	BDI		3
		Lucrarea citată	Nr. autori		
	L25	Livia Noroc, Gheorghe Grigoras, Vasilica Dandea, Ecaterina Chelaru, Bogdan-Constantin Neagu, "An efficient voltage control methodology in LV networks integrating PV prosumers using distribution transformers with OLTC" In 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC), 150-155, IEEE (2022)	5	0.6	3
		Lucrarea care citează	TIP		
176	2	Grigoras, Gheorghe, Florina Scarlatache, and Stefania Galbau. "An Efficient Distribution Transformer Fleet Modernization Strategy for a Rapid Transition toward the Active Electric Networks." In 2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE), pp. 1-6. IEEE, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L26	Mankodiya, Harsh, Priyal Palkhiwala, Rajesh Gupta, Nilesh Kumar Jadav, Sudeep Tanwar, Bogdan-Constantin Neagu, Gheorghe Grigoras, Fayez Alqahtani, and Ahmed M. Shehata. "A real-time crowdsensing framework for potential COVID-19 carrier detection using wearable sensors." Mathematics 10, no. 16 (2022): 2927.	9	1	9
		Lucrarea care citează	TIP		
177	3	Pant, Kumud, Bhasker Pant, and Somya Sinha. "Artificial Intelligence: A Tool for Detection of Pandemics." In Cyber Trafficking, Threat Behavior, and Malicious Activity Monitoring for Healthcare Organizations, pp. 120-142. IGI Global, 2023.	BDI		3
178	4	Xu, Zhilin, Hao Sun, and Weibin Han. "Boosting Task Completion Rate for Time-Sensitive Mcs System." Available at SSRN 4635815.	BDI		3
179	5	Kumar, Shishupal, Kumari Nidhi Lal, and Aman Singh. "A recent study based on prediction approach over Coronavirus disease-2019 cases in India using regression modeling of artificial intelligence." Innovations in Healthcare Informatics: From Interoperability to Data Analysis 41 (2023): 309.	BDI		3
		Lucrarea citată	Nr. autori		
	L27	Hathaliya, Jigna, Hetav Modi, Rajesh Gupta, Sudeep Tanwar, Fayez Alqahtani, Magdy Elghatwary, Bogdan-Constantin Neagu, and Maria Simona Raboaca. "Stacked Model-Based Classification of Parkinson's Disease Patients Using Imaging Biomarker Data." Biosensors 12, no. 8 (2022): 579.			6
		Lucrarea care citează	TIP		
180	1	Gopamsana, Meghana, Mahammad Firose Shaik, Suryadevara Nissi Joyes, Sandrapati Ravi Chandra, Pinagadi Venkateswara Rao, and GSSSSV Krishna Mohan. "Enhancing Parkinson's Disease Diagnosis: A Novel Ensemble Stacking Algorithm using Voice Data Analysis." In 2023 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI), pp. 1-7. IEEE, 2023.	BDI		3

181	3	AROWOLO, OA, OJ EMUJOYIBOFARHE, and EA AMUSAN. "SMOTE-TomekLink Super-Learner Ensemble Model (STL-SLEM) for the Prediction of Parkinson's Disease." LAUTECH JOURNAL OF COMPUTING AND INFORMATICS 4, no. 1 (2023): 22-33.	BDI		3
		Lucrarea citată	Nr. autori		
	L28	Kumar, Sandeep, Shilpa Rani, Arpit Jain, Chaman Verma, Maria Simona Raboaca, Zoltán Illés, and Bogdan Constantin Neagu. "Face spoofing, age, gender and facial expression recognition using advance neural network architecture-based biometric system." Sensors 22, no. 14 (2022): 5160.	7	28.714	201
		Lucrarea care citează	TIP		
182	2	Kaç, Seda Balta, Süleyman Eken, Deniz Dural Balta, Musa Balta, Murat İskefiyeli, and İbrahim Özçelik. "Image-based security techniques for water critical infrastructure surveillance." Applied Soft Computing 161 (2023): 111730.	BDI		3
183	3	Swathi, A., Sandeep Kumar, Shilpa Rani, Abhishek Jain, and Ramakrishna Kumar MVNM. "Emotion Classification using Feature Extraction of Facial Expression." In 2022 2nd International Conference on Technological Advancements in Computational Sciences (ICTACS), pp. 283-288. IEEE, 2022.	BDI		3
184	4	Narsimhulu, K., N. Santhosh Ramchander, and A. Swathi. "An AI enabled framework with feature selection for efficient heart disease prediction." In 2022 5th International Conference on Contemporary Computing and Informatics (IC3I), pp. 1468-1473. IEEE, 2022.	BDI		3
185	5	Kumar, Sandeep, Keerthi Gudiseva, Aalla Iswarya, Shilpa Rani, Kmvv Prasad, and Yogesh Kumar Sharma. "Automatic Music Generation System based on RNN Architecture." In 2022 2nd International Conference on Technological Advancements in Computational Sciences (ICTACS), pp. 294-300. IEEE, 2022.	BDI		3
186	6	Kaur, Harmanpreet, Sourabh Chhatiye, and Jimmy Singla. "A Systematic and Structured Review of Fuzzy Logic-Based Evaluation in Sports." Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision (2023): 145-162.	BDI		3
187	7	Kaur, Harmanpreet, Arpit Kulshreshtha, and Deepika Ghai. "A Structured Review on Virtual Reality Technology Application in the Field of Sports." Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision (2023): 129-144.	BDI		3
188	8	Thaneeshan, Rajeetha, Kokul Thanikasalam, and Amalka Pinidiyaarachchi. "Gender and Age Estimation From Facial Images using Deep Learning." In 2022 7th International Conference on Information Technology Research (ICITR), pp. 1-6. IEEE, 2022.	BDI		3
189	9	Rani, Shilpa, Sandeep Kumar, Arpit Jain, and A. Swathi. "Commodities Price Prediction using Various ML Techniques." In 2022 2nd International Conference on Technological Advancements in Computational Sciences (ICTACS), pp. 277-282. IEEE, 2022.	BDI		3
190	10	Deepika, M., Shilpa Choudhary, Sandeep Kumar, and Kodi Srinivas. "Machine Learning-Based Approach for Hand Gesture Recognition." In 2023 International Conference on Disruptive Technologies (ICDT), pp. 264-268. IEEE, 2023.	BDI		3
191	12	Jain, Arpit, Abhishek Bhola, Soumya Upadhyay, Anita Singh, Deepak Kumar, and Abhishek Jain. "Secure and Smart Trolley Shopping System based on IoT Module." In 2022 5th International Conference on Contemporary Computing and Informatics (IC3I), pp. 2243-2247. IEEE, 2022.	BDI		3
192	13	Rahi, Pankaj, Rohit Bajaj, Sanjay P. Sood, Monika Dandotiyani, and A. Anushya. "Machine Learning-Based Approaches for Improving Healthcare Services and Quality of Life (QoL): Opportunities, Issues and Challenges." Optimized Predictive Models in Health Care Using Machine Learning (2023): 245.	BDI		3
193	14	Sathvara, Prashantkumar B., J. Anuradha, R. Sanjeevi, Sandeep Tripathi, and Ankitkumar B. Rathod. "Spatial Analysis of Carbon Sequestration Mapping Using Remote Sensing and Satellite Image Processing." Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision (2023): 71-83.	BDI		3
194	15	Avasthi, Sandhya, Tanushree Sanwal, Ayushi Prakash, and Suman Lata Tripathi. "A Study of Multimodal Colearning, Application in Biometrics and	BDI		3

		Authentication." Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision (2023): 103-128.			
195	16	Srinivas, P. V. V. S., Dhiren Dommeti, Pragnyaban Mishra, and T. K. Rama Krishna Rao. "A Framework for Detection of Overall Emotional Score of an Event from the Images Captured by a Drone." <i>Advances in Aerial Sensing and Imaging</i> (2023): 213-243.	BDI		3
196	17	Chauhan, Nidhika, Navneet Kaur, Kamaljit Singh Saini, and Manjot Kaur. "Issues in Healthcare and the Role of Machine Learning in Healthcare." <i>Optimized Predictive Models in Health Care Using Machine Learning</i> (2023): 21.	BDI		3
197	18	Goyal, Shivalika, and Amit Laddi. "Applications of Multimodal Biometric Technology." <i>Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision</i> (2023): 85-102.	BDI		3
198	20	Kumar, Munish, Monali Gulhane, Sandeep Kumar, Harshita Sharma, Rashmi Verma, and Deepika Verma. "Improved Multi-Face Detection with ResNet for Real-World Applications." In <i>2023 12th International Conference on System Modeling & Advancement in Research Trends (SMART)</i> , pp. 43-49. IEEE, 2023.	BDI		3
199	21	Govindarajan, Priya, C. Sadhika, Gopika Sunil, and Abebe Tesfahun. "FacialEmoNet: A Novel Facial Expression Recognition Technique." In <i>2023 11th International Conference on Computing for Sustainable Global Development (INDIACom)</i> , pp. 1485-1492. IEEE, 2023.	BDI		3
200	22	Choudhary, Shilpa, Gowroju Swathi, Sandeep Kumar, Kodi Srinivas, and M. Deepika. "Automatic Leaf Disease Detection Using Convolution Neural Network." In <i>2023 International Conference on Computational Intelligence and Sustainable Engineering Solutions (CISES)</i> , pp. 271-276. IEEE, 2023.	BDI		3
201	23	Bhola, Abhishek, Bikash Debnath, and Ankita Tiwari. "A Systematic Study on Aerial Images of Various Domains: Competences, Applications, and Futuristic Scope." <i>Advances in Aerial Sensing and Imaging</i> (2023): 1-31.	BDI		3
202	24	MVNM, Ramakrishna Kumar, Vibhoo Sharma, Keshav Gupta, Abhishek Jain, Bhanu Priya, and M. S. R. Prasad. "Performance Evaluation and Comparison of Clustering Algorithms for Social Network Dataset." In <i>2023 6th International Conference on Contemporary Computing and Informatics (IC3I)</i> , vol. 6, pp. 111-117. IEEE, 2023.	BDI		3
203	25	Kumar, Sandeep, Shilpa Choudhary, Swathi Gowroju, and Abhishek Bhola. "Convolutional Neural Network Approach for Multimodal Biometric Recognition System for Banking Sector on Fusion of Face and Finger." <i>Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision</i> (2023): 251-267.	BDI		3
204	26	Gowroju, Swathi, Shilpa Choudhary, Sandhya Raajaani, and Regula Srilakshmi. "Semantic Segmentation of Aerial Images Using Pixel Wise Segmentation." <i>Advances in Aerial Sensing and Imaging</i> (2023): 145-164.	BDI		3
205	27	Shivthare, Sunayana Kundan, Yogesh Kumar Sharma, and Ranjit D. Patil. "Multimodal Biometric in Computer Vision." <i>Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision</i> (2023): 1-29.	BDI		3
206	28	Kumar, Vipin, Rakesh Giri Goswami, Diptanshu Pandya, M. S. R. Prasad, Sachin Kumar, and Abhishek Jain. "Role of Ontology-Informed Machine Learning in Computer Vision." In <i>2023 6th International Conference on Contemporary Computing and Informatics (IC3I)</i> , vol. 6, pp. 105-110. IEEE, 2023.	BDI		3
207	29	Narayanro, Purude Vaishali, Regula Srilakshmi, M. Deepika, and P. Lalitha Surya Kumari. "Improving Accuracy in Predicting Stress Levels of Working Women Using Convolutional Neural Networks." <i>Optimized Predictive Models in Healthcare Using Machine Learning</i> (2023): 39-56.	BDI		3
208	30	Kumar, Munish, Abhishek Bhola, Ankita Tiwari, and Monali Gulhane. "Face and Iris-Based Secured Authorization Model Using CNN." <i>Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision</i> (2023): 283-299.	BDI		3
209	31	Rachna, Chahil Choudhary, and Jatin Thakur. "A Robust Machine Learning Model for Breast Cancer Prediction." <i>Optimized Predictive Models in Healthcare Using Machine Learning</i> (2023): 117-134.	BDI		3
210	32	Kumar, Ashok, Savya Sachi, Anshoo Bhatia, Pravesh Belwal, Santosh Kumar, and Vivek Bhatnagar. "Fake Currency Detection using Ensemble Learning." In <i>2023 10th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)</i> , vol. 10, pp. 1407-1410. IEEE, 2023.	BDI		3

211	33	Tananjaya, Vincen Elfan, Rayson Calvianto Lim, Felicia Edelyne, Galih Dea Pratama, and Silviya Hasana. "Towards Improved Age Verification System for Security in Social Media using Convolutional Neural Network (CNN) with ResNet-50." In 2023 6th International Conference on Information and Communications Technology (ICOIAC), pp. 35-40. IEEE, 2023.	BDI		3
212	34	Goswami, Rakesh Giri, Vipin Kumar, Dipanshu Pandya, M. S. R. Prasad, Abhishek Jain, and Amit Saini. "Analysing the Functions of Smart Security Using the Internet of Things." In 2023 6th International Conference on Contemporary Computing and Informatics (IC3I), vol. 6, pp. 71-76. IEEE, 2023.	BDI		3
213	35	Gulhane, Monali, and Sandeep Kumar. "Oriental Method to Predict Land Cover and Land Usage Using Keras with VGG16 for Image Recognition." Advances in Aerial Sensing and Imaging (2023): 33-46.	BDI		3
214	36	Swathi, A., V. Swathi, Shilpa Choudhary, and Munish Kumar. "Wearable Gait Authentication: A Framework for Secure User Identification in Healthcare." Optimized Predictive Models in Healthcare Using Machine Learning (2023): 195-214.	BDI		3
215	37	Gupta, Neetika, and Amandeep Kaur. "Texture, Quality, and Motion-Based Analysis for Face Spoofing Detection System: A Review." In 2023 3rd International Conference on Technological Advancements in Computational Sciences (ICTACS), pp. 351-358. IEEE, 2023.	BDI		3
216	38	Gowroju, Swathi, V. Swathi, and Ankita Tiwari. "Handwriting and Speech-Based Secured Multimodal Biometrics Identification Technique." Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision (2023): 227-250.	BDI		3
217	39	Reddy, Ravula Tarun, Rimjhim Padam Singh, and Priyanka Kumar. "Gender Recognition using Central Difference Convolution in AlexNet with Haar Cascades." In 2023 IEEE 20th India Council International Conference (INDICON), pp. 1404-1409. IEEE, 2023.	BDI		3
218	40	Choudhary, Shilpa, Sandeep Kumar, Monali Gulhane, and Munish Kumar. "Secured Automated Certificate Creation Based on Multimodal Biometric Verification." Multimodal Biometric and Machine Learning Technologies: Applications for Computer Vision (2023): 269-281.	BDI		3
219	41	Kumar, Vipin, Chelsi Sen, Arpit Jain, Abhishek Jain, and Anu Sharma. "Analysis of Business Intelligence in Healthcare Using Machine Learning." Optimized Predictive Models in Healthcare Using Machine Learning (2023): 329-339.	BDI		3
220	42	Bhola, Abhishek, K. Narayana Reddy, M. Jaideep Kumar, and Ankita Tiwari. "Language Identification using Multi-Layer Perceptron." In 2023 International Conference on Computational Intelligence and Sustainable Engineering Solutions (CISES), pp. 1018-1022. IEEE, 2023.	BDI		3
221	43	Choudhary, Chahil, Anurag, and Pranjal Shukla. "A Robust Machine Learning Model for Forest Fire Detection Using Drone Images." Advances in Aerial Sensing and Imaging (2023): 129-144.	BDI		3
222	44	Choudhary, Shilpa, Shaik Shabbir Ali, N. Ramesh Babu, Harshita Sharma, Bhawna Kaliraman, and Yash Dhankhar. "A More Efficient Way to Control Traffic Lights Through AI-Led Smart City Management." In 2023 3rd International Conference on Technological Advancements in Computational Sciences (ICTACS), pp. 1133-1138. IEEE, 2023.	BDI		3
223	45	Rao, Vuda Sreenivasa, Shirisha Kasireddy, Annapurna Mishra, R. Salini, Sanjiv Rao Godla, and Khaled Bedair. "Unveiling Spoofing Attempts: A DCGAN-based Approach to Enhance Face Spoof Detection in Biometric Authentication." International Journal of Advanced Computer Science & Applications 15, no. 4 (2023).	BDI		3
224	46	Bhola, Abhishek, Dimmiti Vamsi Kiran, Durgempudi Gargeya Akhil Ram, Nandamuri Vrajesh, and Ankita Tiwari. "Lung Cancer Detection using Transfer Learning and EfficientNet B2 Architecture." In 2023 International Conference on Disruptive Technologies (ICDT), pp. 395-400. IEEE, 2023.	BDI		3
225	47	Shukla, Pranjal, Anurag Chahil Choudhary, and Jatin Thakur. "Implementation of Automatic Driving Car Test Approach Based on a Digital Twinning Technology and by Embedding Artificial Intelligence." Simulation Techniques of Digital Twin in Real-Time Applications: Design Modeling and Implementation (2023): 57.	BDI		3
226	48	Rachna, Tanish Jain, Deepak Shandilya, and Shivangi Gagneja. "Optimizing Prediction of Liver Disease Using Machine Learning Algorithms." Optimized Predictive Models in Healthcare Using Machine Learning (2023): 151-172.	BDI		3
227	49	Pandya, Diptanshu, Rakesh Pathak, Vipin Kumar, Abhishek Jain, Arpit Jain,	BDI		3

		and Mohd Mursleen. "Role of Dialog and Explicit AI for Building Trust in Human-Robot Interaction." In 2023 International Conference on Disruptive Technologies (ICDT), pp. 745-749. IEEE, 2023.			
228	50	Choudhary, Shilpa, Sandeep Kumar, Munish Kumar, Monali Gulhane, Bhawna Kaliraman, and Rashmi Verma. "Enhancing Road Visibility by Real-Time Rain, Haze, and Fog Detection and Removal System for Traffic Accident Prevention Using OpenCV." In 2023 3rd International Conference on Technological Advancements in Computational Sciences (ICTACS), pp. 662-668. IEEE, 2023.	BDI		3
229	51	Gulhane, Monali, and Sandeep Kumar. "Deep Learning based Heart Diseases Detection using ResNet50 Architecture." In 2023 Intelligent Methods, Systems, and Applications (IMSA), pp. 193-198. IEEE, 2023.	BDI		3
230	52	Bhola, Abhishek, Senthil Athithan, Shashank Singh, Sandeep Mittal, Yogesh Kumar Sharma, and Jagjit Singh Dhatteval. "Hybrid Framework for Sentiment Analysis Using ConvBiLSTM and BERT." In 2022 2nd International Conference on Technological Advancements in Computational Sciences (ICTACS), pp. 309-314. IEEE, 2022.	BDI		3
231	53	Srilakshmi, Regula, Vidya Kamma, Shilpa Choudhary, Sandeep Kumar, and Munish Kumar. "Building an Emotion Detection System in Python Using Multi-Layer Perceptrons for Speech Analysis." In 2023 3rd International Conference on Technological Advancements in Computational Sciences (ICTACS), pp. 139-143. IEEE, 2023.	BDI		3
232	54	Gummadi, Annapurna, G. Vinoda Reddy, Gangolu Yedukondalu, Ravindra Changala, and M. Mounika. "Deep Learning Techniques to Analysis Facial Expression and Gender Detection." In 2023 International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS), vol. 1, pp. 1-5. IEEE, 2023.	BDI		3
233	55	Malik, Muhammad Amir, Tehseen Mazhar, Inayatul Haq, Tariq Shahzad, Yazeed Yaseen Ghadi, Fatma Mallek, and Habib Hamam. "A Novel Deep Learning-Based Method for Real-Time Face Spoof Detection." (2023).	BDI		3
234	56	Wu, Xiaobin, and Lizheng Zhuo. "Relationship between mental health and job competence of college teachers: Application of sentiment analysis algorithm." Environment and Social Psychology 9, no. 4 (2023).	BDI		3
235	57	Kushwaha, Ritesh Kumar, Mohammed Saleh Al Ansari, Janjhyam Venkata Naga Ramesh, and Penki Rohit. "MIMO Optimized Algorithm to Develop the Energy Efficiency Underwater." In 2023 International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS), vol. 1, pp. 1-5. IEEE, 2023.	BDI		3
236	58	Kumar, Sandeep, Shilpa Rani, Arpit Jain, Chaman Verma, Maria Simona Raboaca, Zoltán Illés, and Bogdan Constantin Neagu. "Correction: Kumar et al. Face Spoofing, Age, Gender and Facial Expression Recognition Using Advance Neural Network Architecture-Based Biometric System. Sensors 2022, 22, 5160." Sensors 23, no. 21 (2023): 8825.	BDI		3
237	59	Narayana, Yerininti Venkata, and Mooramreddy Sreedevi. "DDCATF: Deep Learning Approach for Detection of Cybercrime Activities Based on Temporal Features." In 2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS), pp. 462-469. IEEE, 2023.	BDI		3
238	60	Zhang, Yao, Delin Cai, and Dongmei Zhang. "Application and algorithm optimization of music emotion recognition in piano performance evaluation." Environment and Social Psychology 9, no. 4 (2023).	BDI		3
239	61	Bhola, Abhishek, Senthil Athithan, K. Srinivas, Naresh Poloju, Sandeep Mittal, and Yogesh Kumar Sharma. "Multi-Label Classification using Q-Learning." In 2022 2nd International Conference on Technological Advancements in Computational Sciences (ICTACS), pp. 315-320. IEEE, 2022.	BDI		3
240	62	Shen, Yu. "Impact of social media on the evolution of English semantics through linguistic analysis." In Forum for Linguistic Studies, vol. 6, no. 2. 2023.	BDI		3
241	63	Kaur, Manjit, Ahmad Ali AlZubi, Arpit Jain, Dilbag Singh, Vaishali Yadav, and Ahmed Alkhayyat. "DSCNet: deep skip connections-based dense network for ALL diagnosis using peripheral blood smear images." Diagnostics 13, no. 17 (2023): 2752.	BDI		3
242	64	Kumar, Kallepalli Rohit, and Nisarg Gandhewar. "Anomaly Detection in Video Surveillance Using Convolution Neural Network." In 2022 5th International Conference on Contemporary Computing and Informatics (IC3I), pp. 1619-1623. IEEE, 2022.	BDI		3
243	65	Ajitha, G., R. J. Anandhi, Atul Singla, Q. Mohammad, and S. Shalini.	BDI		3

		"Integrate the Artificial Intelligence and Human to Develop the Food Processing Unit." In AI Algorithms and ChatGPT for Student Engagement in Online Learning, pp. 208-217. IGI Global, 2023.			
244	66	Thiruchelvam, Pranavi, Sayanthan Sathiyarasah, Thushaliny Paranthaman, and Rajeetha Thaneeshan. "Design Face Spoof Detection using Deep Learning." In 2023 International Conference on Energy, Power, Environment, Control, and Computing (ICEPECC), pp. 1-5. IEEE, 2023.	BDI		3
245	68	Cumbicus-Pineda, Oscar M., Dayanna M. Alvarado-Castillo, and Lisset A. Neyra-Romero. "Facial Recognition System with Liveness Detection Integrated into Odoo for Attendance Registration in a Software Laboratory." In International Conference on Smart Technologies, Systems and Applications, pp. 199-211. Cham: Springer Nature Switzerland, 2022.	BDI		3
246	69	OLORUNSOLA, Olufunso, and Oluwaseyi OLORUNSHOLA. "Deep Learning Ensemble Approach to Age Group Classification Based On Fingerprint Pattern." Advances in Artificial Intelligence Research 3, no. 2: 76-84.	BDI		3
247	70	Bostaji, Ghoroub Talal, and Dhu Al-Qadah. "Soft Ear Biometrics for Human Recognition."	BDI		3
248	71	Alqahtani, Abdullah. "Age and Gender Recognition Based on Hybrid Bilstm-Cae Model." Available at SSRN 4409681.	BDI		3
		Lucrarea citată	Nr. autori		
	L29	Sandesara, Mudita, Umesh Bodkhe, Sudeep Tanwar, Mohammad Dahman Alshehri, Ravi Sharma, Bogdan-Constantin Neagu, Gheorghe Grigoras, and Maria Simona Raboaca. "Design and experience of mobile applications: a pilot survey." Mathematics 10, no. 14 (2022): 2380.	8	4.125	33
		Lucrarea care citează	TIP		
249	2	Furizal, Furizal, Sunardi Sunardi, and Anton Yudhana. "Temperature and humidity control system with air conditioner based on fuzzy logic and internet of things." Journal of Robotics and Control (JRC) 4, no. 3 (2023): 308-322.	BDI		3
250	7	Herlambang, Admaja Dwi, and Aditya Rachmadi. "The Online Learning Interest and Learning Outcomes Through Mobile and Desktop Application Based on the Indonesian Information Technology Majoring Vocational High School Student's Perspective." In Proceedings of the 8th International Conference on Sustainable Information Engineering and Technology, pp. 354-360. 2023.	BDI		3
251	9	Mitra, Ananya, and Shankhya Debnath. "A Set of Usability Constructs and Indicators for UI/UX Research on Mobile Food Ordering Applications in India." In International Conference on Data Analytics and Insights, pp. 431-441. Singapore: Springer Nature Singapore, 2023.	BDI		3
252	10	Tawunwoot, Worapas, and Titiya Chomngern. "Prototype Structure Design Process Using Information Flow Diagram (IFD) for Mobile Application Learning System." In 2023 7th International Conference on Information Technology (InCIT), pp. 492-497. IEEE, 2023.	BDI		3
253	11	Susanah, Susi, Nur Melani Sari, Lulu Eva Rakhmilla, Sindy Amalia Febrianti, Dea Aprilianti Permana, and Winyarti Winyarti. "Thala_screen/lintas-Developing a Mobile Application to Identify Screening Targets in the Extended Family of Thalassemia." (2023).	BDI		3
254	12	Nurfaizi, Sahrul, and Tri Handayani. "Pelatihan Desain Fitur Terang dan Gelap pada Aplikasi Mobile." Prosiding ABDIMAS CORISINDO 2023 (2023).	BDI		3
255	13	Bađurová, Lucie. "Bakalářská diplomová práce."	BDI		3
256	14	ШИМКО, Анна. "Олена ВАСИЛЬЄВА." АКТУАЛЬНІ ПИТАННЯ ГУМАНІТАРНИХ НАУК (2023): 202389.	BDI		3
257	15	Quito Romero, Adriana Quito. "Diseño de interfaz de usuario en aplicativos móviles de comercio virtual del sector hogar y la experiencia de compra."	BDI		3
258	16	Васильєва, О. С., Анна Шимко, and Оксана Миколаївна Пасько. "Визначення особливості дизайн-проекування прототипів мобільних додатків для пошуку та пропонування музичних послуг." Актуальні питання гуманітарних наук: міжвузівський збірник наукових праць молодих вчених Дрогобицького державного педагогічного університету імені Івана Франка (2023).	BDI		3
259	17	Mestre, Luiz Guilherme Itimura. "DepressLess®-Médico: assistente virtual de apoio a decisão de manejo antidepressivo na atenção primária a saúde." (2023).	BDI		3
		Lucrarea citată	Nr.		

			autori		
	L30	Kaur, Manpreet, Shikha Gupta, Deepak Kumar, Chaman Verma, Bogdan-Constantin Neagu, and Maria Simona Raboaca. "Delegated proof of accessibility (DPoAC): a novel consensus protocol for blockchain systems." Mathematics 10, no. 13 (2022): 2336.	6	6	36
		Lucrarea care citează	TIP		
260	5	Kaur, Manpreet, Shikha Gupta, Deepak Kumar, Maria Simona Raboaca, S. B. Goyal, and Chaman Verma. "Ipfs: An off-chain storage solution for blockchain." In Proceedings of International Conference on Recent Innovations in Computing: ICRIC 2022, Volume 1, pp. 513-525. Singapore: Springer Nature Singapore, 2023.	BDI		3
261	8	Mehmood, Faisal, Abdullah Ayub Khan, Han Wang, Shahid Karim, Umara Khalid, and Feng Zhao. "BLPCA-Ledger: A Lightweight Plenum Consensus Protocols for Consortium Blockchain Based on the Hyperledger Indy." Computer Standards & Interfaces (2023): 103876.	BDI		3
262	10	Bhatti, Muhammad Awais, and Ariff Syah Juhari. "Effects of Block Chain Adoption on Green Innovation: Moderating the Role of Intention to Use." AgBioForum 25, no. 1 (2023): 164-178.	BDI		3
263	11	Thakur, Puja, Jagpreet Sidhu, and Kushal Kanwar. "An Intelligent Fusion of Machine Learning and Optimization for Performance Improvisation in Wireless Sensor Networks." In 2023 Seventh International Conference on Image Information Processing (ICIIP), pp. 151-157. IEEE, 2023.	BDI		3
264	12	Singh, Bhavjot, Sanskar Rajak, Piyush Mehra, Saksham Azad, and Deeksha Kumari. "Deep Neural Networks for Traffic Sign Recognition Systems." In 2023 6th International Conference on Contemporary Computing and Informatics (IC3I), vol. 6, pp. 472-477. IEEE, 2023.	BDI		3
265	13	Singh, Yuvraj, Chetanya Arora, Nishant Kumar Lakda, Kartik Tyagi, and Deeksha Kumari. "Fake News Detection Using Deep Learning." In 2023 6th International Conference on Contemporary Computing and Informatics (IC3I), vol. 6, pp. 478-482. IEEE, 2023.	BDI		3
266	14	Kaur, Manpreet, and Shikha Gupta. "Optimization of a Consensus Protocol in Blockchain-IoT Convergence." In 2023 International Conference on Emerging Smart Computing and Informatics (ESCI), pp. 1-5. IEEE, 2023.	BDI		3
267	15	El Mezouari, Hamza, and Fouzia Omary. "Studying Consensus Mechanisms for Blockchain." In Modern Artificial Intelligence and Data Science: Tools, Techniques and Systems, pp. 213-223. Cham: Springer Nature Switzerland, 2023.	BDI		3
268	16	Jhamb, Priyanka, Amanjot Singh, Vrishti Gupta, and Manpreet Kaur Mand. "Blockchain-enabled Transcript System integrated with IPFS." In 2023 6th International Conference on Recent Trends in Advance Computing (ICRTAC), pp. 199-204. IEEE, 2023.	BDI		3
269	17	Aponte Novoa, Fredy Andrés. "Countermeasures for the majority attack in blockchain distributed systems." (2023).	BDI		3
270	18	Perera, Lavan, Pasika Ranaweera, Sachitha Kusalahadharma, Shen Wang, and Madhusanka Liyanage. "Unlocking Spectrum Potential: A Blockchain-Powered Paradigm for Dynamic Spectrum Management."	BDI		3
271	19	Lashkari, Bahareh, and Petr Musilek. "Consensus mechanisms." Proof-Of-Stake for Blockchain Networks: Fundamentals, Challenges and Approaches (2023): 21.	BDI		3
		Lucrarea citată	Nr. autori		
	L31	Florin-Constantin Baiceanu, Cosmin-Florin Acsinte, Ovidiu Ivanov, Ciprian-Mircea Nemes, Bogdan-Constantin Neagu, "A Load Shedding Approach for Islanded Operation in Industrial Electrical Systems" In 2022 14th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 1-6, IEEE (2022)	5	0.6	3
		Lucrarea care citează	TIP		
272	1	Baiceanu, Florin Constantin, Ciprian Nemes, Florin Munteanu, and Cosmin Florin Acsinte. "Controlled Switching Taking Into Account the Standard Deviation of Switching Time." In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), pp. 617-621. IEEE, 2022.	BDI		3
		Lucrarea citată	Nr. autori		

	L32	Mankodiya, Harsh, Dhairya Jadav, Rajesh Gupta, Sudeep Tanwar, Abdullah Alharbi, Amr Tolba, Bogdan-Constantin Neagu, and Maria Simona Raboaca. "Xai-fall: Explainable ai for fall detection on wearable devices using sequence models and xai techniques." Mathematics 10, no. 12 (2022): 1990.	8	3.75	30
		Lucrarea care citează	TIP		
273	3	Chen, Tin-Chih Toly. "Ambient intelligence (Aml)." In Explainable Ambient Intelligence (XAmI) Explainable Artificial Intelligence Applications in Smart Life, pp. 1-21. Cham: Springer Nature Switzerland, 2023.	BDI		3
274	5	El-Magd, Lobna M. Abou, Ghada Dahy, Tamer Ahmed Farrag, Ashraf Darwish, and Aboul Ella Hassnien. "An interpretable deep learning based approach for chronic obstructive pulmonary disease using explainable artificial intelligence." International Journal of Information Technology (2023): 1-16.	BDI		3
275	8	Dutt, Micheal, Aditya Gupta, Morten Goodwin, and Christian W. Omlin. "An Interpretable Modular Deep Learning Framework for Video-Based Fall Detection." Applied Sciences 14, no. 11 (2023): 4722.	BDI		3
276	9	Ishtiaq, Arslan, Zubair Saeed, Misha Urooj Khan, Aqsa Samer, Mamoon Shabbir, and Waqar Ahmad. "Fall detection, wearable sensors & artificial intelligence: A short review." JAREE (Journal on Advanced Research in Electrical Engineering) 6, no. 2 (2022).	BDI		3
277	10	Doan, Thanh-Nghi, Eliane Schroter, and Thanh-Binh Phan. "Fall Detection Using Intelligent Walking-Aids and Machine Learning Methods." In International Conference on Intelligent Systems and Data Science, pp. 95-109. Singapore: Springer Nature Singapore, 2023.	BDI		3
278	11	Wang, Lu, Ling Weng, and Bowen Wang. "Design of Magnetic Tactile Sensor Arrays for Intelligent Floorboard Based on the Demand of Older People." In Chinese Intelligent Automation Conference, pp. 618-625. Singapore: Springer Nature Singapore, 2023.	BDI		3
279	12	Rafee, Athar Noor Mohammad, Antu Dutta, Afsan Haque, Asif Rahman, and Aditta Barua. "Edge-optimized machine learning models for real-time personalized health monitoring on wearables." PhD diss., Brac University, 2023.	BDI		3
280	13	Gao, Chenlong, Teng Zhang, Xinlong Jiang, Wuliang Huang, Yiqiang Chen, and Jie Li. "ProtoPLSTM: An Interpretable Deep Learning Approach for Wearable Fine-Grained Fall Detection." In 2022 IEEE Smartworld, Ubiquitous Intelligence & Computing, Scalable Computing & Communications, Digital Twin, Privacy Computing, Metaverse, Autonomous & Trusted Vehicles (SmartWorld/UIC/ScalCom/DigitalTwin/PriComp/Meta), pp. 516-524. IEEE, 2022.	BDI		3
281	14	Alnasef, Alaa. "Embedded Fall Detection System using Deep Learning." (2022).	BDI		3
282	15	BOKORO, PITSHOU N., and RAVI SHARMA. "Explainable AI for Healthcare 5.0: Opportunities and Challenges."	BDI		3
		Lucrarea citată	Nr. autori		
	L33	Tanwar Sudeep, Aparna Kumari, Darshan Vekaria, Maria Simona Raboaca, Fayez Alqahtani, Amr Tolba, Bogdan-Constantin Neagu, and Ravi Sharma. "GrAb: A deep learning-based data-driven analytics scheme for energy theft detection." Sensors 22, no. 11 (2022): 4048.	8	3.375	27
		Lucrarea care citează	TIP		
283	1	Ye, Xiaofeng, Zheyu Zhang, and Yueming Qiu. "Review of application of high frequency smart meter data in energy economics and policy research." Frontiers in Sustainable Energy Policy 2 (2023): 1171093.	BDI		3
284	5	Saxena, Nishant, Rahul Kumar, Yarrapragada KSS Rao, Dilbag Singh Mondloe, Nishikant Kishor Dhapekar, Abhishek Sharma, and Anil Singh Yadav. "Hybrid KNN-SVM machine learning approach for solar power forecasting." Environmental Challenges 14 (2023): 100838.	BDI		3
285	7	Arora, Priya, Vikas Khullar, Isha Kansal, Rajeev Kumar, and Renu Popli. "Privacy-Preserving Federated Learning System (f-PPLS) for military focused area classification." Multimedia Tools and Applications (2023): 1-27.	BDI		3
286	8	Kgaphola, Potego Maboe, Senyeki Milton Marebane, and Robert Toyo Hans. "Electricity Theft Detection and Prevention Using Technology-Based Models: A Systematic Literature Review." Electricity 5, no. 2 (2023): 334-350.	BDI		3
287	9	İzmitligil, Hasan, and Abdurrahman Karamancioğlu. "An Online Home	BDI		3

		Energy Management System Using Q-Learning and Deep Q-Learning." Sustainable Computing: Informatics and Systems (2023): 101005.			
288	12	Tallapragada, VV Satyanarayana, D. Venkat Reddy, and GV Pradeep Kumar. "Blind forgery detection using enhanced mask-region convolutional neural network." Multimedia Tools and Applications (2023): 1-24.	BDI		3
289	14	KVK, Chithanya, and V. Lokeswara Reddy. "A novel deep learning technique with cryptographic transformation for enhancing data security in cloud environments." Multimedia Tools and Applications (2023): 1-25.	BDI		3
290	15	Nirmal, Santosh, Pramod Patil, and Jambi Ratna Raja Kumar. "CNN-AdaBoost based hybrid model for electricity theft detection in smart grid." e-Prime-Advances in Electrical Engineering, Electronics and Energy 7 (2023): 100452.	BDI		3
291	17	Morgoev, I. D., A. E. Dzgoev, and A. V. Kuzina. "Algorithm for Operational Detection of Abnormally Low Electricity Consumption in Distribution." In International Russian Automation Conference, pp. 37-49. Cham: Springer Nature Switzerland, 2023.	BDI		3
292	18	Radionov, Andrey A., and Vadim R. Gasiyarov. "Advances in Automation V."	BDI		
		Lucrarea citată	Nr. autori		
	L34	Kalariya, Vasu, Pushpendra Parmar, Patel Jay, Sudeep Tanwar, Maria Simona Raboaca, Fayez Alqahtani, Amr Tolba, and Bogdan-Constantin Neagu. "Stochastic neural networks-based algorithmic trading for the cryptocurrency market." Mathematics 10, no. 9 (2022): 1456.	8	0.375	3
		Lucrarea care citează	TIP		
293	1	Khurana, Surinder Singh, Parvinder Singh, and Naresh Kumar Garg. "Revolutionize AI Trading Bots with AutoML-Based Multi-timeframe Bitcoin Price Prediction." SN Computer Science 4, no. 5 (2023): 492.	BDI		3
		Lucrarea citată	Nr. autori		
	L35	Kriukov, Alexandru, Mihai Gavrilăș, Ovidiu Ivanov, Gheorghe Grigoraș, Bogdan-Constantin Neagu, and Florina Scarlatache. "Novel decentralized voltage-centered EV charging control algorithm using DSRC system in low voltage distribution networks." IEEE Access 9 (2021): 164779-164800.	6	3.5	21
		Lucrarea care citează	TIP		
294	6	Ma, Xiang, Yuan Zhou, Hanwen Zhang, Qun Wang, Haijian Sun, Hongjie Wang, and Rose Qingyang Hu. "Exploring Communication Technologies, Standards, and Challenges in Electrified Vehicle Charging." arXiv preprint arXiv:2403.16830 (2023).	BDI		3
295	7	Ucer, Emin, and Mithat J. Kisacikoglu. "Development of a Hardware-in-The-Loop Testbed for a Decentralized, Data-Driven Electric Vehicle Charging Control Algorithm." IEEE Transactions on Industry Applications (2023).	BDI		3
296	9	Kumar, M. Sunil, T. Anuradha, Yerram Srinivas, T. J. Catherine, and Sagaya Aurelia. "Simulation of the electrical control unit (ECU) in automated electric vehicles for reliability and safety using on-board sensors and Internet of Things." In 2023 Fifth International Conference on Electrical, Computer and Communication Technologies (ICECCT), pp. 1-5. IEEE, 2023.	BDI		3
297	10	Srithapon, Chitchai, and Daniel Månsson. "Optimal Electric Vehicle Charging using Real-Time Coordinated and Decentralized Cooperating Heat Pump in Community Grids." In 2022 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), pp. 1-6. IEEE, 2022.	BDI		3
298	12	Badugu, Jayababu, G. Sandhya, M. Nagaraju, and P. Pothuraju. "Modelling of Residential Distribution System with Aid of Electric Vehicles for Improve the Voltage Profile." In 2023 International Conference on Advanced & Global Engineering Challenges (AGEC), pp. 1-4. IEEE, 2023.	BDI		3
299	13	Mamidala, Sugunakar, and Arvind Kumar Prajapati. "Grid-Integrated EV Charging Infrastructure." In International Conference on Electric Power and Renewable Energy, pp. 297-323. Singapore: Springer Nature Singapore, 2023.	BDI		3
300	14	Angerer, Fabian. "Smart-Grid-Plattformarchitekturen für den Anwendungsbereich E-Mobility." PhD diss., Technische Universität Wien, 2022.	BDI		3
		Lucrarea citată	Nr. autori		

	L36	Scarlatache, Florina, Gheorghe Grigoras, Vlad-Andrei Scarlatache, Bogdan-Constantin Neagu, and Ovidiu Ivanov. "A hybrid methodology based on smart management energy consumption in irrigation systems." Electronics 10, no. 22 (2021): 2864.	5	3	15
		Lucrarea care citează	TIP		
301	3	Ghareeb, Asaad Yaseen, Sadik Kamel Gharghan, Ammar Hussein Mutlag, and Rosdiadee Nordin. "Wireless Sensor Network-Based Artificial Intelligent Irrigation System: Challenges and Limitations." Journal of Techniques 5, no. 3 (2023).	BDI		3
302	4	De Silva, J. S. R., G. Abhiram, T. A. N. T. Perera, H. M. S. K. Herath, R. M. K. T. Rathnayake, J. B. D. A. P. Kumara, and P. K. G. S. S. Bandara. "22 Artificial Intelligence (AI)." Geospatial Science for Smart Land Management: An Asian Context (2023): 353.	BDI		3
303	5	De Silva, J. S. R., G. Abhiram, T. A. N. T. Perera, H. M. S. K. Herath, R. M. K. T. Rathnayake, J. B. D. A. P. Kumara, and P. K. G. S. S. Bandara. "Artificial Intelligence (AI) 22 Assisted Precision Agriculture."	BDI		3
304	6	De Silva, J. S. R., G. Abhiram, T. A. N. T. Perera, H. M. S. K. Herath, R. M. K. T. Rathnayake, J. B. D. A. P. Kumara, and P. K. G. S. S. Bandara. "Artificial Intelligence (AI) Assisted Precision Agriculture: Applications in Asian Context." In Geospatial Science for Smart Land Management, pp. 353-365. CRC Press.	BDI		3
305	7	Bauman, Danielle. "Assessment of knowledge of cc & cc screenings By Waaf Web November 29, 2020 December 13th, 2022 No Comments." (2020).	BDI		3
		Lucrarea citată	Nr. autori		
	L37	Ecaterina Chelaru, Gheorghe Grigoras, Livia Noroc, Bogdan-Constantin Neagu, Florina Scarlatache, " Influence of the prosumers on the replacement strategies of the aged transformers from the electric distribution networks" In 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), 097-102, IEEE, 2021	5	0.6	3
		Lucrarea care citează	TIP		
306	1	Grigoras, Gheorghe, Florina Scarlatache, and Stefania Galbau. "An Efficient Distribution Transformer Fleet Modernization Strategy for a Rapid Transition toward the Active Electric Networks." In 2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE), pp. 1-6. IEEE, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L38	Tirsu, Mihai, Nicolae Covalenco, Dmitrii Zaitsev, Ion Negura, Mihai Gavrilaș, and Bogdan Constantin Neagu. "Photovoltaic-Thermal System for Trigenerating Electricity, Hot Water and Cold." In 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), pp. 092-096. IEEE, 2021.	6	1	6
		Lucrarea care citează	TIP		
307	2	Hossain, Md Sajid, Shameem Ahmad, and Sujjan Howlader. "Feasibility Study of Solar Thermal System Integration for Hot Water Usage in a Hotel Located in Shetland Island, Scotland." In 2023 Innovations in Power and Advanced Computing Technologies (i-PACT), pp. 1-5. IEEE, 2023.	BDI		3
308	3	Balkhi, Ansar, and Rahul Malviya. "Design and Analysis of Hybrid Energy Storage System for Water Pumping System." In 2023 IEEE Renewable Energy and Sustainable E-Mobility Conference (RESEM), pp. 1-6. IEEE, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L39	Mihai-Andrei Luca, Bogdan-Constantin Neagu, Ovidiu Ivanov, Mihai Gavrilaș, Gheorghe Grigoras, " A Deeper Analysis about the Impact of Prosumers on Power Losses in Low Voltage Microgrids" In 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), 155-158, IEEE (2021)	5	0.6	3
		Lucrarea care citează	TIP		
309	1	Ibekwe, K. I., Ohenhen, P. E., Chidolue, O., Umoh, A. A., Ngozichukwu, B., Ilojiana, V. I., & Fafure, A. V. (2023). Microgrid systems in US energy infrastructure: A comprehensive review: Exploring decentralized energy solutions, their benefits, and challenges in regional implementation.	BDI		3

		Lucrarea citată	Nr. autori		
	L40	Ivanov, Ovidiu, Bogdan-Constantin Neagu, Gheorghe Grigoras, Florina Scarlatache, and Mihai Gavrilas. "A metaheuristic algorithm for flexible energy storage management in residential electricity distribution grids." Mathematics 9, no. 19 (2021): 2375.	5	2.4	12
		Lucrarea care citează	TIP		
310	8	Garrido-Arévalo, Víctor M., Oscar Danilo Montoya, Walter Gil-González, Luis Fernando Grisales-Noreña, and Jesus C. Hernández. "An SDP relaxation in the complex domain for the efficient coordination of BESS and DGs in single-phase distribution grids while considering reactive power capabilities." Journal of Energy Storage 90 (2023): 111913.	BDI		3
311	11	Vieira, Miguel, Ricardo Faia, Tiago Pinto, and Zita Vale. "Schedule Peer-to-Peer Transactions of an Energy Community Using Particle Swarm." In 2022 18th International Conference on the European Energy Market (EEM), pp. 1-6. IEEE, 2022.	BDI		3
312	12	Solera Losada, Nixon Andrés, Juan Pablo Villalba Jaramillo, and Oscar Danilo Montoya. "Integración Óptima de Generadores Fotovoltaicos en Sistemas de Distribución DC a través de la Aplicación del Algoritmo de Optimización Aritmética Modificado." TecnoLógicas 25, no. 55 (2022).	BDI		3
313	13	Chreim, Bashar, Moez ESSEGHIR, and Leila MERGHEM-BOULAHIA. "Splendid-Optimal Sizing, Placement, and Management of Centralized and Distributed Shared Battery Energy Storage Systems in Residential Communities: Application to Smart Grids." Available at SSRN 4520030.	BDI		3
		Lucrarea citată	Nr. autori		
	L41	Vasilica Dandea, Gheorghe Grigoras, Bogdan-Constantin Neagu, Florina Scarlatache, "A Clustering-based Knowledge Extraction Methodology for Prosumers' Classification and Injected Power Profiles Grouping" In 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 1-6, IEEE (2021)	4	0.75	3
		Lucrarea care citează	TIP		
314	1	Scarlatache, Florina, Gheorghe Grigoras, Vlad Andrei Scarlatache, and Vasilica Dandea. "Digital Twin-based Decision-Making Methodology for the Optimal Operation of Microgrids." In 2023 10th International Conference on Modern Power Systems (MPS), pp. 1-5. IEEE, 2023.	BDI		3
		Lucrarea citată	Nr. autori		
	L42	Razvan Garbea, Florina Scarlatache, Gheorghe Grigoras, Bogdan-Constantin Neagu, "Integration of Data Mining techniques in SCADA system for optimal operation of hydropower plants" In 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 1-6, IEEE (2021)	4	1.5	6
		Lucrarea care citează	TIP		
315	3	Garbea, Razvan, and Gheorghe Grigoras. "Clustering-Using Data Mining-based Application to Identify the Hourly Loading Patterns of the Generation Units from the Hydropower Plants." In 2022 International Conference and Exposition on Electrical And Power Engineering (EPE), pp. 426-431. IEEE, 2022.	BDI		3
316	4	İBRAHİM, Mohammed H. "SCADA Sistemi: Şehir İçi ve Şehirlerarası Yolların Aydınlatma Sisteminin Kontrolü ve Otomasyonu." Çukurova Üniversitesi Mühendislik Fakültesi Dergisi 37, no. 3 (2022): 653-662.	BDI		3
		Lucrarea citată	Nr. autori		
	L43	Ovidiu Ivanov, Bogdan-Constantin Neagu, Andrei-Ioan Nițu, Mihai Gavrilas, "An Improved Metaheuristic Algorithm for Load Balancing in LV Distribution Networks" In 2021 9th International Conference on Modern Power Systems (MPS), 1-5, IEEE (2021)	4	1.5	6
		Lucrarea care citează	TIP		
317	2	Kay, Sopheak, Vannak Vai, and Samphors Eng. "Optimal feeder routing and phase balancing for an unbalanced distribution system: a case study in Cambodia." International Journal of Applied 13, no. 1 (2023): 138-151.	BDI		3

318	3	Shuiping, Wu, Xu Zhan, Zheng Zhixiang, Cui Jianyong, and Feng Yang. "Optimal configuration method of fault location device in low voltage distribution network based on participation." In 2022 2nd Asia-Pacific Conference on Communications Technology and Computer Science (ACCTCS), pp. 431-437. IEEE, 2022.	BDI		3
		Lucrarea citată	Nr. autori		
	L44	Răzvan Gârbea, Florina Scarlatache, Gheorghe Grigoraș, Bogdan Constantin Neagu, " Extracting the Operating Characteristics of Hydropower Plants Using a Clustering-based Efficient Methodology" In 2021 9th International Conference on Modern Power Systems (MPS), 1-4, IEEE (2021)	4	0.75	3
		Lucrarea care citează	TIP		
319	2	Scarlatache, Florina, Gheorghe Grigoraș, Vlad Andrei Scarlatache, and Vasilica Dandea. "Digital Twin-based Decision-Making Methodology for the Optimal Operation of Microgrids." In 2023 10th International Conference on Modern Power Systems (MPS), pp. 1-5. IEEE, 2023.	BDI		3

3.3 Prezentari invitate ...

1. Profesor invitat la Universitatea Politehnica din Timisoara, Departamentul de Electroenergetică, Sef lucr. dr. ing. Felicia Baloi (26 noiembrie 2021, 24 noiembrie 2022) și Conf. dr. ing. Attila Simo (16 noiembrie 2023 și 26 noiembrie 2024) – Curs Audit Energetic pentru industrie online.

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3.4. Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice

Nr crt.	Revista/Conferinta	ISI/ BDI	Calitatea	Punctaj
1.	International Scientific Committee and Editorial Review Board on Energy and Power Engineering. https://waset.org/committees/energy-and-power-engineering	ISI	Membru în comitetul științific	10
2.	Electronics MDPI– Reviewer Board https://www.mdpi.com/journal/electronics/submission_reviewers?search=Neagu	ISI	Membru în comitetul științific	10
3.	Mathematics MDPI– Topical Advisory Panel https://www.mdpi.com/journal/mathematics/topical_advisory_panel?search=Neagu	ISI	Membru în comitetul științific	10
4.	International Journal of Advanced Computer Science and Applications (IJACSA), https://thesai.org/Reviewers/Details/7b815beb-4335-4239-a0f9-0ab3b968878a – 10 pThe International Academic Conference on Environmental Pollution and Green Energy (ICEPGE 2024), Xiamen, China. https://www.global-meetings.com/icepge/committies.html	BDI	Membru în comitetul științific	6
5.	The Seventh International Conference on Green Communications, Computing and Technologies, GREEN 2023, November 03, 2022 to November 07, 2024 - Nice, France	BDI	Membru în comitetul științific	6
6.	2024 Big data economy and computer science international conference (BDECS 2024), Beijing, China, https://www.global-meetings.com/bdecs/committies.html	BDI	Membru în comitetul științific	6
7.	14th International Conference on Electronics, Computers And Artificial Intelligence – ECAI-2024 https://easychair.org/smart-program/ECAI-2024/	BDI	Membru în comitetul științific	6

8.	The 13th IEEE International Conference and Exposition on Electrical and Power Engineering (EPEI 2024)	BDI	Membru în comitetul științific	6
9.	1st International Workshop on Energy Efficiency: Transition to Climate Neutrality, https://www.epe.tuiasi.ro/jointevents/#climate Editor	BDI	Membru în comitetul științific	6
10.	The 18th International Conference INTER-ENG 2024 Interdisciplinarity in Engineering	BDI	Membru în comitetul științific	6
11.	Brainstorming în Agora Cercurilor Studențești" BACStud2024, 10-12 Octombrie, Oradea, Romania https://www.univagora.ro/conferinte/bacstud/bacstud-2024	BDI	Membru în comitetul științific	6
12.	Innov8ing Mureș Camp: Mureș Student Competition of Applications, Science, and Technology https://inov8ing.umfst.ro/caiet-program2024-zumfst	BDI	Membru în comitetul științific	6
13.	International Scientific Committee and Editorial Review Board on Energy and Power Engineering. https://waset.org/Committees/energy-and-power-engineering	BDI	Editor	6
14.	International Journal of Electric Power Science Development. http://ojs.bbwpublisher.com/index.php/ijepsd/about/editorialTeam	BDI	Editor	6
15.	Applied Sciences: Special Issue "Wind Energy: Actual Trends, Implementations and Future Developments" https://www.mdpi.com/journal/applsci/special_issues/wind_energy_2023	BDI	Editor	6
16.	Computers MDPI https://www.mdpi.com/journal/computers/submission_reviewers	ISI	Membru în comitetul științific	10
17.	Journal of Electrical Engineering, Electronics, Control and Computer Science - https://jeeccs.net/index.php/journal/article/view/190/149 – 10 p	BDI	Membru în comitetul științific	6
18.	Journal of Power and Energy Engineering, – Control and Operation of Future Power Networks, https://www.scirp.org/pdf/JPEE_si_2020072011282950.pdf –	BDI	Membru în comitetul științific	6
19.	International Journal of Advanced Computer Science and Applications (IJACSA), https://thesai.org/Reviewers/Details/7b815beb-4335-4239-a0f9-0ab3b968878a	BDI	Membru în comitetul științific	6
20.	The 2023 International Conference on Network Security and Cloud Computing (ICNSSC2023), Guangzhou, China. http://icnsc.com/committiees.html – 10p	BDI	Membru în comitetul științific	6
21.	The Seventh International Conference on Green Communications, Computing and Technologies, GREEN 2023, September 25, 2022 to September 29, 2023 - Porto, Portugal– 10p	BDI	Membru în comitetul științific	6
22.	2nd International Conference on Cloud Computer, IoT and Intelligence System, Beijing, China, 6-7 Martie, 2022, http://www.2nd-ccis.org/com.html – 10p	BDI	Membru în comitetul științific	6
23.	11th International Conference on ENERGY and ENVIRONMENT (CIEM) București http://ciem.upb.ro/2023/committees.html – 10p	BDI	Membru în comitetul științific	6
24.	14th International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE – ECAI-2023, https://ecai.ro/lib/plj6dx/V2_ECAI-2023-Program-l4zim6ja.pdf – 10p	BDI	Membru în comitetul științific	6
25.	2023 2nd International Symposium on Control Engineering and Robotics (ISCER) - February 17 to 19, 2023 in Hangzhou, China, http://iscer.net/auhdysk – 10p	BDI	Membru în comitetul științific	6

26.	The 2023 International Conference on Statistics, Intelligent Control and Software Engineering (SICSE 2023), http://icsicse.com/committies.html – 10p	BDI	Membru în comitetul științific	6
27.	The 17th International Conference INTER-ENG 2023 Interdisciplinarity in Engineering https://inter-eng.umfst.ro/2023/files/technical-program/Brochure.pdf?param=[ca] – 10p	BDI	Membru în comitetul științific	6
28.	Brainstorming în Agora Cercurilor Studențești" BACStud2023, 14-16 Octombrie, Oradea, Romania – 5p	Non BDI	Membru în comitetul științific	3
29.	12th International Conference and Exposition on Electrical and Power Engineering (EPE 2022), Iași, Romania, October 18-19, 2020. http://www.epe.tuiasi.ro/2020/wp-content/uploads/2020/10/Program-EPE-2020-final.pdf	BDI	Editor	6
30.	The Seventh International Conference on Green Communications, Computing and Technologies, GREEN 2022, October 16, 2022 to October 20, 2022 - Lisbon, Portugal	ISI	Membru în comitetul științific	10
31.	Applied Sciences: Special Issue "Wind Energy: Actual Trends, Implementations and Future Developments" https://www.mdpi.com/journal/applsci/special_issues/wind_energy_2021	ISI	Editor invitat 2021	10
32.	Electronics Special Issue "Microgrid Design and Operation Based on Smart Management Systems and Transactive Energy Concepts" https://www.mdpi.com/journal/electronics/special_issues/microgrid_design	ISI	Editor invitat 2021	10
33.	International Conference and Exhibition on Electromechanical and Energy Systems - Sielmen 2021 (http://www.sielmen.tuiasi.ro/2021/?page_id=35)	BDI	Editor	6
34.	10th International Conference on Energy and Environment, CIEM 2021, 14-15 Octombrie, 2021, Bucuresti, Romania, http://ciem.enerq.pub.ro/committees.html	ISI	Membru în comitetul științific	10
35.	Journal of Power and Energy Engineering, – Control and Operation of Future Power Networks, https://www.scirp.org/pdf/JPEE_si_2020072011282950.pdf	BDI	Editor invitat	6
36.	International Journal of Electric Power Science Development, http://ojs.bbwpublisher.com/index.php/ijepsd/about/editorialTeam	BDI	Membru în comitetul științific	6
37.	2nd International Conference on Cloud Computer, IoT and Intelligence System, Beijing, China, 6-7 Martie, 2022, http://www.2nd-ccis.org/com.html	BDI	Membru în comitetul științific	6
38.	3rd International Conference on Computer Science, Communication and Network Security (CSCNS2021), Sanya, China, 22-23 Decembrie, 2021. http://cscns.org/com.html	ISI	Membru în comitetul științific	10
39.	3rd International Conference on Computer, Communications and Mechatronics Engineering (CCME2021), Xiamen, China, 17-18 Decembrie, 2021, http://www.3rd-ccme.org/com.h+tml	BDI	Editor	6
40.	13th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2021, 1 -3 Iulie, 2021, Pitesti, Romania, http://ecai.ro/Organizatori.php	ISI	Membru în comitetul științific	10
41.	International Conference on Trends in Computational and Cognitive Engineering (TCCE - 2021), 21-22 October 2021	ISI	Membru în comitetul științific	10
42.	ICFSAS 2020: 14. International Conference on Finance Security Applications and Stability – Mumbai, India https://app.qwoted.com/opportunities/event-icfsas-2020-14-international-conference-on-finance-security-applications-and-stability-mumbai	BDI	Membru în comitetul științific	6
43.	ICALCES 2021: 15. International Conference on Advances in Low-Carbon Energy Systems http://mrconfs.com/event/6053f0a2e7905.html	BDI	Membru în comitetul științific	6
44.	International Conference on Robotics, Electrical and Signal Processing Techniques (ICREST 2021) https://icrest.aiub.edu/index.php/technical-program-committee/	ISI	Membru în comitetul științific	10

45.	International Journal of Advanced Computer Science and Applications (IJACSA), https://thesai.org/Reviewers/Details/7b815beb-4335-4239-a0f9-0ab3b968878a	ISI	Membru în comitetul științific	10
46.	Sensors Journal – MDPI https://www.mdpi.com/journal/sensors/submission_reviewers	ISI	Membru în comitetul științific	10
47.	Entropy Journal – MDPI https://www.readkong.com/page/acknowledgment-to-reviewers-of-entropy-in-2020-mdpi-1174820?p=3	ISI	Membru în comitetul științific	10
48.	Electronics Journal – MDPI - https://www.mdpi.com/journal/electronics/submission_reviewers	ISI	Membru în comitetul științific	10
49.	11th International Conference and Exposition on Electrical and Power Engineering (EPE 2020), Iași, Romania, October 18-19, 2020. http://www.epe.tuiasi.ro/2020/wp-content/uploads/2020/10/Program-EPE-2020-final.pdf	BDI	Editor	10
50.	2nd International Conference on Computer Science, Communication and Network Security (CSCNS2020) Sanya, China, 22-23 Decembrie, 2020, http://www.cscns2020.org/com.html	BDI	Membru în comitetul științific	6
51.	The 13th International Conference INTER-ENG 2019 Interdisciplinarity in Engineering, Targu Mures, Romania, https://inter-eng.umfst.ro/2019/files/technical-program/Brochure.pdf	ISI	Membru în comitetul științific	10
52.	12th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2020, June 25– June 27, 2020, Bucuresti, Romania, http://ecai.ro/Organizatori.php	ISI	Membru în comitetul științific	10
53.	12th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2020, June 25– June 27, 2020, Bucuresti, Romania, http://ecai.ro/Documente/ECAI%202020%20program.pdf	ISI	Sesion Chairman	10
54.	2nd International Conference on Computer, Communications and Mechatronics Engineering (CCME2020), Xiamen, China, December 20-21, 2020, http://www.ccme2020.org/com.html	BDI	Publication Chairs	6
55.	Chairs International Conference on Communications, Electronic and Information Engineering (ICEIE2020), http://www.icceie2020.org/com.html	ISI	Publication Chairs	10
56.	11th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2019, June 27– June 29, 2019, Pitesti, Romania, http://ecai.ro/Organizatori.php	ISI	Membru în comitetul științific	10
57.	10th International Conference and Exposition on Electrical and Power Engineering (EPE 2018), Iași, Romania, October 18-19, 2018. http://www.epe.tuiasi.ro/2018/wp-content/uploads/2018/10/Program-EPE-2018-final.pdf	ISI	Sesion Chairman	10
58.	10th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2018, June 28– June 30, 2018, Iasi, Romania, http://ecai.ro/Ecai%20archive.php	ISI	Sesion Chairman	10
59.	Eng Journal MDPI - https://www.mdpi.com/journal/eng/submission_reviewers	BDI	Membru în comitetul științific	6
60.	"Brainstorming în Agora Cercurilor Studențești" BACStud2019, 17-19 Octombrie, Oradea, Romania	-	Membru în comitetul științific	3
61.	"Brainstorming în Agora Cercurilor Studențești" BACStud2020, 15-17 Octombrie, Oradea, Romania	-	Membru în comitetul științific	3
62.	"Brainstorming în Agora Cercurilor Studențești" BACStud2021, 14-16 Octombrie, Oradea, Romania	-	Membru în comitetul științific	3
63.	"Brainstorming în Agora Cercurilor Studențești" BACStud2022, 14-16 Octombrie, Oradea, Romania	-	Membru în comitetul științific	3
		TOTAL		459

3.5. Recenzor pentru reviste și manifestări științifice naționale și internaționale

Nr crt.	Nr. recenziei	Revista/Conferinta	ISI/BDI	Nr. recenz	Punctaj
1		International Journal of Electrical Power&Energy Systems	ISI	19	190
	1.	IJEPES-D-21-00166R2 - A Practical Probabilistic Approach for Load Balancing in Data-Scarce LV Distribution Systems using Discrete PSO and 2m+1 PEM			
	2.	IJEPES-D-21-01489R1 Limiting current and voltage unbalances in distribution systems: a metaheuristic-based decision support system			
	3.	IJEPES-D-21-00166R1 A Practical Probabilistic Approach for Load Balancing in Data-Scarce LV Distribution Systems using Discrete PSO and 2m+1 PEM			
	4.	IJEPE S_2020_3953 Energy Loss Estimation in Power Distribution Systems Based on Spectral Analysis			
	5.	IJEPES_2020_1503 A Proposed Design Of A Peer To Peer Block Chain Based Energy Trading Platform For Micro Grid Application			
	6.	IJEPES_2020_1392 A motivational game-theoretic approach for peer-to-peer energy trading in islanded and grid-connected microgrid			
	7.	IJEPES_2019_3815R1 Consumer Phase Identification in Low-voltage Distribution Network Considering Vacant Users			
	8.	IJEPES_2019_3815 Consumer Phase Identification in Low-voltage Distribution Network Considering Vacant Users			
	9.	Energy Loss Estimation in Power Distribution Systems Based on Spectral Analysis (IJEPES_2020_3953)			
	10.	IJEPES-D-21-01489 Limiting current and voltage unbalances in distribution systems: a metaheuristic-based decision support system			
	11.	IJEPES-D-13-00986 - Solving Capacitor Placement Problem Considering Uncertainty in Load Variation			
	12.	IJEPES_2020_1392_R1 A motivational game-theoretic approach for peer-to-peer energy trading in islanded and grid-connected microgrid			
	13.	IJEPES_2020_3045 Assessing the affinity of Low voltage DC microgrid technology to the Peer-to-Peer energy trading concept			
	14.	IJEPES_2020_1392_R1 A motivational game-theoretic approach for peer-to-peer energy trading in islanded and grid-connected microgrid			
	15.	IJEPES-D-22-00468 A discrete-continuous PSO for optimal integration of D-STATCOMs into electrical distribution systems by considering annual energy loss and investment costs			
	16.	IJEPES-D-21-04237 Blockchain-Based Sequential Market-Clearing Platform for Enabling Energy Trading in Interconnected Microgrids			
	17.	IJEPES-D-21-04237 R1 Blockchain-Based Sequential Market-Clearing Platform for Enabling Energy Trading in Interconnected Microgrids			
	18.	IJEPES-D-22-02157 Minimal investment installation planning of smart meters for load balancing using a data-driven approach			
	19.	IJEPES-D-22-03034Two-level nested collaborative optimization method for sharing energy storage and energy in community microgrid considering subjectivity and privacy			
2		International Journal of Advanced Computer Science and Applications	ISI	6	60
	20.	Promoting Urban Sustainability through Big Data: Implications for Smart Urban Management			
	21.	Design of an efficient RPL objective function for Internet of Things Applications			
	22.	Branch and Bound Tactic effectively solve of conditional rank-order stowage 1 problem for Regular Shapes			
	23.	Fuzzy C-Mean Missing Data Imputation for Analogy-based Effort Estimation			
	24.	Analyzing User Involvement practice: A Case Study			
	25.	Implementation of an Expert System for Automated Symptom Consultation in Peru			

3		Renewable and Sustainable Energy Reviews	ISI	6	60
	26.	A review of international limits for rapid voltage changes in public distribution networks (RSER-D-21-00766)			
	27.	Review of AI Applications in Harmonic Analysis in Power Systems (RSER-D-21-02183)			
	28.	Approximating Power Flow and Transmission Losses in Coordinated Capacity Expansion Problems (RSER-D-20-04073)			
	29.	A review of international limits for rapid voltage changes in public distribution networks (RSER-D-20-01992)			
	30.	A review of international limits for rapid voltage changes in public distribution networks (RSER-D-20-01992R1)			
	31.	Applications of blockchain and artificial intelligence technologies for enabling prosumers in smart grids: A review (RSER-D-21-00766)			
4		Energy Reports	ISI	8	80
	32.	EGYR-D-21-01634-Cyber-attacks and stability control of micro-grid systems; A new cooperative control method			
	33.	EGYR-D-21-01782-An Adaptive and Scalable Protection Coordination System of Overcurrent Relays in Distributed Generator Integrated Distribution Networks			
	34.	EGYR-D-21-01381-Two-stage intelligent planning with improved artificial bee colony algorithm for a microgrid by considering uncertainty of renewable resources			
	35.	EGYR-D-21-01249-Variable Parameter Practical Model of Synchronous Generator for Precise Simulation of Power System			
	36.	EGYR-D-21-00275R1-THE "VALUE" OF PEER-TO-PEER ENERGY: SOCIAL VALUE EFFECTS IN PEER-TO-PEER GREEN ENERGY INNOVATION			
	37.	EGYR-D-21-00275-THE "VALUE" OF PEER-TO-PEER ENERGY: SOCIAL VALUE EFFECTS IN PEER-TO-PEER GREEN ENERGY INNOVATION			
	38.	EGYR-D-20-00497-An improved automatic power factor controller in the RES-integrated distribution system			
	39.	EGYR-D-21-00275 - TOWARDS GREENER ENERGY INNOVATION: UNDERSTANDING CONSUMERS' ADOPTION OF INNOVATIVE GREEN ENERGY SYSTEMS			
5		Journal of Electrical Engineering, Electronics, Control and Computer Science	BDI	4	24
	40.	#239 A Sliding Mode Control Strategy for Grid Connected PV/Wind/ Battery Hybrid System			
	41.	#163 Comparison of the Power Flow Analysis of the Nigerian 330 kV Transmission Network Using ETAP and PSAT			
	42.	#192 Power Quality Enhancement in Distribution System using D-STATCOM			
	43.	#232 smart Grid and Electric Vehicle: Overview and Case Study			
6		Heliyon	ISI	3	30
	44.	HELIYON-D-21-05823 Fuzzy Logic Based Optimal Placement of Voltage Regulators and Capacitors for Distribution Systems Efficiency Improvement			
	45.	HELIYON-D-21-05823R1 Fuzzy Logic Based Optimal Placement of Voltage Regulators and Capacitors for Distribution Systems Efficiency Improvement			
	46.	HELIYON-D-21-06148 Optimal location and dimensioning of capacitors in microgrids using a multicriteria decision algorithm			
7		IEEE International Conference on Electrical, Computer, Communications, and Mechatronics Engineering (ICECCME 2021)	ISI	1	10
	47.	# 425 - Title: Integration of GNSS and laser measuring device with smartphone cartographic app in electricity distribution network			
8		Physica. A statistical mechanics and its application https://www.editorialmanager.com/physa/default.aspx	ISI	1	6

	48.	PHYSA-211076 Quantum Simultaneous Measurement of non-Commuting Observables based on K-Means Clustering			
9		2021 IEEE International Conference on Environment and Electrical Engineering, Bari, Italy, 7-10 September 2021	ISI	11	110
	49.	25-Bearing Fault Detection For Water Pumping System Using Artificial Neural Network			
	50.	40-Coordination of phase and ground DOCR using non-conventional time curves			
	51.	48-Data-Driven Coordinated Control of AVR and PSS in Power Systems: A Deep Reinforcement Learning Method			
	52.	64-Integration of AI, IoT and Edge-Computing for Smart Microgrid Energy Management			
	53.	100-Machine learning algorithms for short-term load forecasting of national energy systems			
	54.	281-Performance Analysis of Extra High Voltage 765 kV and 400 kV Hydro Power fed Transmission Lines			
	55.	303-A Hybrid Energy Hub Investigation with Renewables and Electric Vehicle in a Smart Microgrid Lab.			
	56.	312-Quality Valuation of a Novel Dual Stator Dual Rotor U-Shaped Permanent Magnet Synchronous Generator for Nuclear Energy Extraction			
	57.	325-Agent-Based Modeling of Peer-to-Peer Energy Trading in a Smart Grid Environment			
	58.	330-Unsupervised Learning Methods for Voltage Regulation in Smart Grids			
	59.	335-Two-Stage Optimal Operation of Smart Homes Participating in Competitive Electricity Markets			
10		The International Conference on ENERGY and ENVIRONMENT (CIEM 2021)	ISI	3	30
	60.	9 - Optimal Power Flow with Three Objective Functions using Improved Differential Evolution Algorithm: Case Study IEEE 57-bus power system Download			
	61.	25 - STATE OF THE ART OF HYBRID AC-DC MEDIUM VOLTAGE GRIDS			
	62.	64 - Laboratory for Digital Technologies Testing and Skills Development of Professionals And Students			
11		Computers and Electrical Engineering https://www.editorialmanager.com/compeleceng/default.aspx	ISI	6	60
	63.	COMPELECENG-D-21-01701 - ETA-SPORTS: An energy and temperature aware semi-partitioned real-time scheduler for heterogeneous multicore platforms			
	64.	COMPELECENG-D-21-00867 - Novel Axial Flux Machine Topology Assessment and Feasible Applications in Electric Vehicles and Wind Energy Conversion Systems			
	65.	COMPELECENG-D-21-01915 - Exploration and Development of TG Quantum Well Barrier FinFET with Strained HOI Nanosystem Channel for Enhanced Performance			
	66.	COMPELECENG-D-21-01480 - A Frequency Controlled Novel Resonant Converter For Constant Current, Constant Voltage, and Constant Power Applications			
	67.	COMPELECENG-D-21-00673 - System Security Enhancement Using Hybrid HUA-GPC Approach under Transmission Line(s) and/or Generator(s) Outage Conditions			
	68.	COMPELECENG-D-20-02075 - Community Energy Management with Demand Response Consideration and Peer-to-peer Energy Trading			
12		Swarm and Evolutionary Computation https://www.editorialmanager.com/swevo/default.aspx	ISI	1	10
	69.	SWEVO-D-21-00244 - A Modified PSO Algorithm Suitable for Low-Power Hardware Implementation in CMOS Technology			
13		The 15th International Conference on Interdisciplinarity in Engineering, 07-08 Oct 2021, Targu-Mures, Romania,	ISI	1	10
	70.	30 - Analysis of the Power Demand in Romania during the COVID-19 Pandemic			
	71.	125. Technical-economic analysis of a hybrid thermal energy supply system based on renewable energy sources			

14		International conference on Electronics, Computers and Artificial Intelligence. 01 July - 03 July 2021. Pitești, Romania	ISI	4	40
	72.	80 - Pham Duc Dai and Nguyen Hoang Viet. Optimization of Variable Speed Pump Scheduling for Minimization of Energy and Water Leakage Costs in Water Distribution Systems with Storages			
	73.	81 - Pham Duc Dai. Optimal Placement and Regulation of Pressure Reducing Valves in Water Distribution Systems to Water Leakage Reduction			
	74.	104 - Profiling consumers in a water distribution network using K-Means clustering and multiple pre-processing methods			
	75.	105 - Bhargav Appasani, Amitkumar Vidyakant Jha, Deepak Kumar Gupta, Nicu Bizon and Avireni Srinivasulu. An Improved Particle Swarm Optimization Technique and its Application in Load Frequency Control			
15		International Conference on Automation, Control and Mechatronics for Industry 4.0 (ACMI 2021) [https://acmi2021.mteruet.com/technical-committee/].	ISI	3	30
	76.	195 - GRID CONNECTED MICROGRID FAULT CURRENT REDUCTION USING NON-SUPERCONDUCTING FAULT CURRENT LIMITER			
	77.	188 - Design and Implementation of an Automatic Single Axis Tracking with Water-Cooling System to Improve the Performance of Solar Photovoltaic Panel			
	78.	186 -: Optimum Design and Performance Evaluation of a Solar Panel with Automatic Sun Tracking System			
16		IEEE Transactions on Smart Grid	ISI	1	10
	79.	TSG-00113-2021 Distributed Privacy-Preserving Peer-to-Peer Energy Transaction Approach in Smart Grids, for the IEEE Transactions on Smart Grid			
17		Applied Energy (https://www.editorialmanager.com/apen/default.aspx)	ISI	9	90
	80.	APEN-D-20-11911 - New Subsidy Allocation Model for Power Distribution Companies to Reduce Power Losses (Studied in Iran)			
	81.	APEN-D-22-04801 - Robust multi-objective optimization for islanded data center microgrid operations			
	82.	APEN-D-22-04801 R1 - Robust multi-objective optimization for islanded data center microgrid operations			
	83.	APEN-D-21-09040 R1- Event-triggered Distributed Voltage Regulation by Heterogeneous BESS in Low-Voltage Distribution Networks			
	84.	APEN-D-21-09040 - Event-triggered Distributed Voltage Regulation by Heterogeneous BESS in Low-Voltage Distribution Networks			
	85.	APEN-D-20-01473 - Network-constrained bidding optimization strategy for aggregators of prosumers			
	86.	APEN-D-20-01473R1 - Network-constrained bidding optimization strategy for aggregators of prosumers			
	87.	APEN-D-19-09262 - Distributed Reactive Power Optimization in Active Distribution Networks Considering Renewable Uncertainties			
	88.	APEN-D-19-09262R1 - Distributed Reactive Power Optimization in Active Distribution Networks Considering Renewable Uncertainties			
18		IEEE Acces	ISI	9	90
	89.	Access-2020-56991 - Linear Iterative Power Flow Approach Based on the Current Injection Model of Load and Generator			
	90.	Access-2020-56386 - A Comprehensive Review on Optimal Location and Sizing of Reactive Power Compensation Using Hybrid-Based Approaches for Power Loss Reduction, Voltage Stability Improvement, Voltage Profile Enhancement and Loadability Enhancement			
	91.	Access-2020-50567 - A Comprehensive Review on Optimal Location and Sizing of Reactive Power Compensation Using Hybrid-Based Approaches for Power Loss Reduction, Voltage Stability Improvement, Voltage Profile Enhancement and Loadability Enhancement			

	92.	Access-2020-46803 - Demand Response Strategy of Energy Prosumer Based on Robust Optimization through Aggregator			
	93.	Access-2020-41273 - Demand Response Strategy of Energy Prosumer Based on Robust Optimization through Aggregator			
	94.	Access-2020-29267 - Line Loss Prediction and Energy Saving Retrofit Strategy for Distribution Network Based on Entropy Weight and Fuzzy Correlation Degree			
	95.	Access-2020-54028 - "A Multi-stage Approach Combining Physics-Based Methods and Data-Driven Analysis to convert DC Power Flow to AC Power Flow			
	96.	Access-2020-47187 "Quantum-Enhanced Grid of the Future: A Primer"			
	97.	ID Access-2020-20990 entitled "Consortium Blockchain-Based Decentralized Stock Exchange Platform"			
19		International IETE Journal of Research.2020	ISI	4	40
	98.	TIJR-2020-0454.R3 Distribution System Reconfiguration through Flower Pollination Algorithm (FPA)			
	99.	TIJR-2020-0454.R2 Distribution System Reconfiguration through Flower Pollination Algorithm (FPA)			
	100.	TIJR-2020-0454.R1 Distribution System Reconfiguration through Flower Pollination Algorithm (FPA)			
	101.	TIJR-2020-0454 Distribution System Reconfiguration through Flower Pollination Algorithm (FPA)			
20		2020 International Conference on Communications, Electronic and Information Engineering (ICCEIE2020)	BDI	1	6
	102.	A3605 Research on the influence of information technology on Industrial Competitiveness			
21		International Conference on Robotics, Electrical and Signal Processing Techniques (2019,2020, 2021)	BDI	10	60
	103.	Paper ID: 188 Title: Design and Economic Analysis of Solar Photovoltaic System for Rural Area of Bangladesh			
	104.	Paper ID: 167 Title: A 48V 3-Phase IM and VFD Controller Development for a Portable Vacuum Cleaner			
	105.	Paper ID: 166 Title: 3-phase IM Controlled Solar Electric Boat for Portable Irrigation and Recreational Purposes by using 300V DC/AC Drivetrain			
	106.	Paper ID: 165 Title: Cooperative Virtual Inertia and Reactive Power Control of PMSG Wind Generator and Battery for Improving Transient Stability of Power System Including Renewable Energy Sources			
	107.	Paper ID: 164 Title: A new control strategy for frequency stabilization of small scale power system by variable speed diesel engine-driven power plant			
	108.	Paper ID: 20348 - Review Paper on the constraints,possibility & optimization of Solar PV-Wind Hybrid System – Neacceptata			
	109.	Paper ID: Automation System with IEC 61850 https://ieeexplore.ieee.org/document/8644416/			
	110.	Paper ID: 20350 - Using Power System Stabilizer To Solve Interarea Oscillations In Power Systems – Neacceptata			
	111.	Paper ID: 20341 - Concentrated Solar Power (CSP) Dish Stirling Technology in Prospect of Energy Crisis in Bangladesh – Neacceptata			
	112.				
	113.	Paper ID: 2- Prospect of Back Contact for A Highly Efficient InGaN Thin Film Solar Cell from Numerical Analysis https://ieeexplore.ieee.org/document/8644303			
22		Curent Alternative Energy	BDI	1	6
	114.	BMS-CAE-2020-HT4-901-9 An investigation of five generation and regeneration industries (Drip irrigation system, Mobile sprinkler for the home lawn, PVC film generation, cardboard generation of agricultural waste, and plastic waste recycling industries)			
		ICAEE 2019 IEEE Conference International Conference on Advanced Electrical Engineering 26–28 September 2019	ISI	8	80

23	115.	4427- Behavior of the Proton Exchange Membrane Fuel Cell Around Critical Fuel and Air Supply Pressure			
	116.	4430-Paper Title: Multistage Synchrophasor Placement Approach for Practical Assessment of BPSN			
	117.	4339 - Application of PID and Fuzzy based Controllers for Load Frequency Control of a Single - Area and Double - Area Power Systems			
	118.	4301 - Improvement of Conversion Efficiency of CdS-CdTe Photovoltaic Cell Sandwiching Intrinsic CdTe Layer between Window and Absorber Layers			
	119.	4333 - Modified Modulated Predictive Control for a 3-Phase 2 Level PWM Rectifier			
	120.	4314 - Passive Power Factor Correction & Algorithm With Negligible Harmonics Using Variable Capacitor			
	121.	4338 - Assessment of Different Topological Integration of Solar Power Technologies in Medium Voltage Distribution Networks			
	122.	4433 - A Case Study on Efficient Grid Connected Hybrid Energy System for Rohingya Refugees			
	123.	4136 - A Review of Geothermal Energy for Future Power Generation			
	124.	4317 - Forecasting-Aided State Estimation for Power Distribution System Application: Case Study			
23-1		2020 International Conference and Exposition on Electrical And Power Engineering (EPE) Iasi-Romania 22-23 October 2020	BDI	4	24
	125.	3901 - Energy Market Concept in a Micro-Grid			
	126.	4028 - Techniques and indices for preventive maintenance optimization			
	127.	4120 - On the Cumulative Effect of Magnetic Fields in the Deviation Zones of Overhead High Voltage Power Lines			
	128.	4235 - A Method for Estimation of the Magnetic Field Generated by Overhead Power Lines			
24		Journal Trends in Computer Science and Information Technology Renewable and Sustainable Energy Reviews	BDI	3	18
	129.	TCSIT-20-RA-142 - Energy Trading Systems on Blockchain Networks			
	130.	TCSIT-20-OP-144 - Chance Constrained Optimization for Energy Management in Electric Vehicles			
	131.	TCSIT-20-OP-146 - Optimal Integration of Electric Vehicles in Smart Grids with Renewables and Battery Storage Systems under Uncertainty			
25		Energy Research Journal	ISI	2	20
	132.	ER-20-15428.R1 "Loss Cost Reduction and Power Quality Improvement with Applying Robust Optimization Algorithm for Optimum Energy Storage System Placement and Capacitor Bank Allocation".			
	133.	ER-20-15428 "Loss Cost Reduction and Power Quality with Applying Robust Optimization Algorithm for Optimum Energy Storage System and Capacitor Bank"			
26		Transactions on Environment and Electrical Engineering	BDI	1	6
	134.	Modeling and Performance Evaluation of an Electromagnetic Voltage Regulator via Series Compensation.			
27		Electric Power Systems Research https://www.editorialmanager.com/epsr/default.aspx	ISI	15	150
	135.	EPSR-D-21-02259R1 - Low Voltage Customer Phase Identification Methods Based on Smart Meter Data			
	136.	EPSR-D-21-02444R1 - A New Method for Optimal Capacitor Placement in Power Systems			
	137.	EPSR-D-21-02259 - Low Voltage Customer Phase Identification Methods Based on Smart Meter Data			
	138.	EPSR-D-21-02444 - A New Method for Optimal Capacitor Placement in Power Systems			

	139.	EPSR-D-19-01832R1 - Mitigation of DGs Impact on Variable-Topology Meshed Network Protection System by Optimal Fault Current Limiters Considering Overcurrent Relay Coordination			
	140.	EPSR-D-21-02259 Title: Low Voltage Customer Phase Identification Methods Based on Smart Meter Data Electric Power Systems Research			
	141.	EPSR-D-19-02879R2 - An Incentive Mechanism Design Using CCHP-based Microgrids for Wind Power Accommodation Considering Contribution Rate			
	142.	EPSR-D-19-02879R1 - An Incentive Mechanism Design Using CCHP-based Microgrids for Wind Power Accommodation Considering Contribution Rate			
	143.	EPSR-D-19-02879 - An Incentive Mechanism Design Using CCHP-based Microgrids for Wind Power Accommodation Considering Contribution Rate			
	144.	EPSR-D-19-02875 - Double Deep Q-Learning Optimized Operation of Hybrid Energy Storage System in Island Micro-grid			
	145.	EPSR-D-19-01832 - Mitigation of DGs Impact on Variable-Topology Meshed Network Protection System by Optimal Fault Current Limiters Considering Overcurrent Relay Coordination			
	146.	EPSR-D-19-01316 - Multi-Agent Approach to Modeling and Simulation of Microgrid Operation with Vehicle-to-Grid System			
	147.	EPSR-D-19-00971R1 - Non-Steady State Electro-Thermally Coupled Weather-Dependent Power Flow Technique for a Geographically-traversed Overhead-line Capacity Improvement			
	148.	EPSR-D-19-00873 - Bi-level distributed optimization method for islanded multi-microgrids in a carbon trading market			
	149.	EPSR-D-19-00971 - Non-Steady State Electro-Thermally Coupled Weather-Dependent Power Flow Technique for a Geographically-traversed Overhead-line Capacity Improvement			
28		Sustainable Cities and Society https://www.journals.elsevier.com/sustainable-cities-and-society	ISI	1	10
	150.	SCS_2019_879 - A novel method for evaluating time stability of clusters – With application to electricity smart meter consumption data			
29		Journal of Computational Design and Engineering	ISI	2	20
	151.	JCDE-2020-100 - "Pigeon Inspired Optimization: A new Bio-mimetic Swarm Intelligence Algorithm for Reactive Power Planning in Power Transmission System JCDE-2020-100R1 - "Pigeon Inspired Optimization: A new Bio-mimetic Swarm Intelligence Algorithm for Reactive Power Planning in Power Transmission System, https://academic.oup.com/jcde			
30		International Conference on Electrical, Computer and Communication Engineering (ECCE2020)	ISI	6	60
	152.	Paper ID: 7606 - Feasibility Analysis and a Proposal for 1.3 MW Hybrid Renewable Power Plant for Saint-Martins Island Using HOMER https://ieeexplore.ieee.org/document/8679390			
	153.	Paper ID: 7874 - An analytical study on converter based frequency adjustment and protection mechanism of a grid connected wind farm model – <i>Neacceptata</i>			
	154.	Paper ID: 7739 - Determination of Module Rearrangement Techniques for Non-uniformly Aged PV Arrays with SP, TCT, BL and HC Configurations for Maximum Power Output – https://ieeexplore.ieee.org/document/8679176			
	155.	Paper ID: 7712 - A Proposed Algorithm for Peer-to-Peer Energy Trading Using Blockchain in Microgrid Energy Markets – <i>Neacceptata</i>			
	156.	Paper ID: 7647 – Proceblity Renewable Energy and Smart Grids – <i>Neacceptata</i>			
	157.	Paper ID: 7126 - STATCOM and PID Controller Based Stability Enhancement of a Grid Connected Wind Farm – https://ieeexplore.ieee.org/document/8726728			
31		2020 IEEE International Conference on Environment and Electrical Engineering, Madrid, June 9-12, 2020, Madrid, Spain	ISI	5	50

	158.	103 - Energy mileage concept for local RE using blockchain technology			
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	161.	232 - Optimal sizing of microgrids: on the design equivalences of different objective functions			
	162.	275 - Development of A Hybrid Method to Control the Grid-Connected PV Converter			
32		2019 IEEE PES Innovative Smart Grid Technologies Europe, ISGT-Europe 2019, Bucharest, Romania, September 29 - October 2, 2019	ISI	2	20
	163.	1. Intelligent Centralized High Impedance Fault Diagnosis for Motor Power Distribution Centers ID: 40			
	164.	2. Impact of Modelling Assumptions on the Voltage Stability Assessment of Active Distribution Grids ID: 205			
33		The 2nd International Conference on Electrical, Computer and Energy Technologies (ICECET) 2020	ISI	3	30
	165.	579 Bidirectional Dual Active Bridge for Interfacing Battery Energy Storage Systems with DC Microgrid			
	166.	630 Standalone Microgrid: A Sustainable Option for Energy Handling			
	167.	647 The Causes and Consequences of Such Communication Delays in the Electric Grid System			
33		International Journal of Electrical and Computer Engineering (IJECE). http://ijece.iaescore.com/index.php/IJECE	ISI	2	20
	168.	#7335 - Power Quality Improvement Of Fuzzy Based Predictive Controlled APF			
	169.	#8008 - Real Time Power Quality Phenomenon for Various Distribution Feeders			
34		International Conference on Electronics, Computers and Artificial Intelligence ECAI - 2018	ISI	2	20
	170.	PAPER 65 - Artificial Intelligence Computational Basic Models and Analysis for Power Delivery Safety and Efficiency Evaluation			
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35		Buletinul institutului politehnic din Iasi. Secția electrotehnica. Electronica. Energetica.	BDI	5	30
	172.	A Comparative Study of Wind Turbine Generators Operating Performance. A Case Study for the Vietnamese Ninh Thuan-Grid			
	173.	An Improved Strategy Based On A Multi-Criteria Analyse To Replace Transformers In Electric Distribution Networks			
	174.	PMU Based Monitoring System Of Inter-Area Oscillation For Maghreb Power System			
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	176.	Optimal Operation Of A Trigenation System Designed To Supply An Electricity, Heating And Cooling Consumer			
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36		2014-2018 International Conference and Exposition on Electrical and Power Engineering (EPE)	ISI	44	440
	178.	EPE 2014 - 623 - Implementation of the attractive radius method for the estimation of the lightning protection zones for a 110 kV power station Power Systems			
	179.	EPE 2014 - 831 - Virtual Power Plants			
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	183.	EPE 2016 - 1565 - Improving The Wind Generators Availability by...			

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	192.	EPE 2016 - 1380 - Power quality assessment for microgrid scenarios			
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	195.	EPE 2016 - 1415 - A Fuzzy Hybrid Algorithm for RRAP in Power Distribution...			
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	197.	EPE 2016 - 1664 - Impact of photovoltaic power plants on power system losses			
	198.	EPE 2016 - 1831 - Voltage Stability Assessment For Wind Farms Integration...			
	199.	EPE 2016 - 1908 - Energetic Analysis of the Subcritical Low-Temperature ORC...			
	200.	EPE 2016 - 1958 - Comparative Analysis of Different Means of Biogas...			
	201.	EPE 2016 - 1834 - The Study Of Dynamic Processes In Power Grids In The...			
	202.	EPE 2016 - 1976 - On a Demand Response Pilot Demonstration in the...			
	203.	EPE 2016 - 1694 - An Efficient Intrusion Detection Scheme for Cluster Based...			
	204.	EPE 2016 - 2059 - Å-Root-Cause Analysis of Cascaded Ground Faults on an...			
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	218.	EPE 2018 - 3551 - Modeling energy hub operating modes with demand side...			
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	221.	EPE 2018 - 3385 - Analysis of energy efficient solutions for electric...			
37		Energies http://www.mdpi.com/journal/energies	ISI	90	900
	222.	energies-1524957 Application of Block Sparse Bayesian Learning in Power Quality Steady-State Data Compression			
	223.	energies-1524957R1 Application of Block Sparse Bayesian Learning in Power Quality Steady-State Data Compression			
	224.	energies-1518205-Evolutionary Game Analysis of Responding to EU's Carbon Border Adjustment Mechanism			
	225.	energies-1472738 - Comparative study of Several Efficient Energy Management Strategies for a Hydrogen Fuel Cell/Battery Hybrid Vehicles			
	226.	energies-1472738R1-Comparative study of Several Efficient Energy Management Strategies for Hydrogen Fuel Cell/Battery Hybrid Vehicles			
	227.	energies-1396498 - An Evaluation of Flicker Emissions from Small Wind Turbines			
	228.	energies-1396498 R1 - An Evaluation of Flicker Emissions from Small Wind Turbines			
	229.	energies-1404826 - A Curvature Compensation Technique for Low-Voltage Bandgap Reference			
	230.	energies-1404826R1 - A Curvature Compensation Technique for Low-Voltage Bandgap Reference			
	231.	energies-1399426- A GRASP approach for solving large scale electric bus scheduling problems			
	232.	energies-1399426R1- A GRASP approach for solving large scale electric bus scheduling problems			
	233.	energies-1351353- Distributed Finite-Time Secondary Frequency and Voltage Restoration Control Scheme of an Islanded AC Microgrid			

234.	energies-1351353R1- Distributed Finite-Time Secondary Frequency and Voltage Restoration Control Scheme of an Islanded AC Microgrid
235.	energies-1357705- Optimization of the Configuration and Operating States of Hybrid AC/DC Low Voltage Microgrid Using a Clonal Selection Algorithm with a Modified Hypermutation Operator
236.	energies-1357705R1- Optimization of the Configuration and Operating States of Hybrid AC/DC Low Voltage Microgrid Using a Clonal Selection Algorithm with a Modified Hypermutation Operator
237.	energies-1307806- Impact of wind and solar generation on the Italian zonal electricity price
238.	energies-1279828- Robust Multi-step Predictor for Electricity Markets with Real-time Pricing
239.	energies-1273349- Rightsizing the Design of a Hybrid Microgrid
240.	energies-1273349R1- Rightsizing the Design of a Hybrid Microgrid
241.	energies-1236406- Modeling and analysis of the power conditioning circuit for an electromagnetic human walking induced energy harvester
242.	energies-1236406R1- Modeling and analysis of the power conditioning circuit for an electromagnetic human walking induced energy harvester
243.	energies-1206819- MRAS-Based Switching Linear Feedback Strategy For Sensorless Speed Control Of Induction Motor Drives
244.	energies-1198068- A Review of Optimization of Microgrid Operation
245.	energies-1177821- Allocation of RES and energy storage in conjunction with the Distribution System Expansion Planning in order to reduce the costs of energy
246.	energies-1101367- Review on Deep Neural Networks applied to Low-Frequency NILM
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248.	energies-1124053R1- Forecasting charging demand of electric vehicle using time-series models
249.	energies-1057043- Resilience in an Evolving Electrical Grid
250.	energies-1051858- Economical dispatch in micro grids with alternate sources and storage
251.	energies-1051858R1- Economical dispatch in micro grids with alternate sources and storage
252.	energies-1029977- A Short-term Electricity Consumption Forecasting Approach based on Feature Processing and Hybrid Modelling
253.	energies-1027800- Power System Impedance Estimation Using a Fast Voltage and Current Changes Measurements
254.	energies-1027800R1- Power System Impedance Estimation Using a Fast Voltage and Current Changes Measurements
255.	energies-949212- A Novel Lagrangian Multiplier Update Algorithm for Short-Ter ...
256.	energies-1002144- Electrical Modelling of Switching Arcs in a Low Voltage Relay at Low Currents
257.	energies-1002144R1- Electrical Modelling of Switching Arcs in a Low Voltage Relay at Low Currents
258.	energies-998767- Distributed control of clustered populations of thermostatic ...
259.	energies-984357- Real-Time Validation of Power Flow Control Method for Enhanced Microgrid Operation
260.	energies-984357R1- Real-Time Validation of Power Flow Control Method for Enhanced Microgrid Operation
261.	energies-961731- Optimization of spatial configuration of multi-strand cable lines
262.	energies-961731R1- Optimization of spatial configuration of multi-strand cable lines
263.	energies-981886- Innovative Methodology Aplicated to Identification of Errors in Electric Energy Measurement Systems in Utilities
264.	energies-981886R1- Innovative Methodology Aplicated to Identification of Errors in Electric Energy Measurement Systems in Utilities
265.	energies-978493- A One-Body, Laminated-Rotor Flywheel Switched Reluctance Machine: Design Trade-Offs and Performance Assessment
266.	energies-978493R1- A One-Body, Laminated-Rotor Flywheel Switched Reluctance Machine: Design Trade-Offs and Performance Assessment
267.	energies-946183- Control Technique of Generation Transfer for Microgrid
268.	energies-946183R1- Control Technique of Generation Transfer for Microgrid
269.	energies-964155- Optimal Siting and Sizing of Wayside Energy Storage Systems in a D.C. Railway Line
270.	energies-964155R1- Optimal Siting and Sizing of Wayside Energy Storage Systems in a D.C. Railway Line
271.	energies-950161- Multi-criteria optimal sizing and allocation of renewable and non-renewable distributed generation resources at 63kV/20kV substations

272.	energies-950161R1- Multi-criteria optimal sizing and allocation of renewable and non-renewable distributed generation resources at 63kV/20kV substations
273.	energies-930855- Design, Sizing and Energy Management of Microgrids in Harbor Areas: A Review
274.	energies-930855R1- Design, Sizing and Energy Management of Microgrids in Harbor Areas: A Review
275.	energies-919967- A Coordinated Dispatching Model Considering Generation and Operation Reserve in Wind Power-Photovoltaic-Pumped Storage System
276.	energies-919967R1- A Coordinated Dispatching Model Considering Generation and Operation Reserve in Wind Power-Photovoltaic-Pumped Storage System
277.	energies-921351- An Equivalent Heat Transfer Model Instead of Wind Speed Measuring for Dynamic Thermal Rating of Transmission Lines
278.	energies-921351R1- An Equivalent Heat Transfer Model Instead of Wind Speed Measuring for Dynamic Thermal Rating of Transmission Lines
279.	energies-910966- IoT: Internet of Vulnerable Things? Threat Architecture, Attack Surfaces, and Vulnerabilities in Internet of Things and its Applications towards Smart grids
280.	energies-910966R1- IoT: Internet of Vulnerable Things? Threat Architecture, Attack Surfaces, and Vulnerabilities in Internet of Things and its Applications towards Smart grids
281.	energies-896987- HV Transformer Protection and Stabilization under Geomagnetically Induced Currents
282.	energies-896987R1- HV Transformer Protection and Stabilization under Geomagnetically Induced Currents
283.	energies-888931- Photovoltaic generation impact analysis in low voltage distribution grids
284.	energies-888931R1- Photovoltaic generation impact analysis in low voltage distribution grids
285.	energies-887291- Feasibility Study GaN Transistors Application in the Novel Split-Coils Inductive Power Transfer System with T-Type Inverter
286.	energies-887291R1- Feasibility Study GaN Transistors Application in the Novel Split-Coils Inductive Power Transfer System with T-Type Inverter
287.	energies-846533- Dynamic Modeling of Multiple Microgrid Clusters Including Regional Demand Response Programs
288.	energies-846533R1- Dynamic Modeling of Multiple Microgrid Clusters Including Regional Demand Response Programs
289.	energies-856940- Proving a Concept of Flexible Under-frequency Load-Shedding with Hardware-in-the-Loop Testing
290.	energies-851791- Intelligent distributed energy generation and energy backup systems in hospitals: A review
291.	energies-849409- A model for the estimation of residential rooftop photovoltaic (PV) capacity
292.	energies-808079- A Control Scheme with the Variable-speed Pitch System for Wind Turbines during a Zero-voltage Ride Through
293.	energies-808079R1- A Control Scheme with the Variable-speed Pitch System for Wind Turbines during a Zero-voltage Ride Through
294.	energies-825621- Advanced Laboratory Testing Methods using Real-Time Simulation and Hardware-in-the-Loop Techniques: A survey on the Smart Grid International Research Facility Network
295.	energies-813128- Transmission Power System Modeling by Using Aggregated Distributed Generation Model Based on TSO – DSO Data Exchange Scheme
296.	energies-791000- Modelling and Optimising a Microgrid System by Reinforcement Learning Techniques
297.	energies-791000R1- Modelling and Optimising a Microgrid System by Reinforcement Learning Techniques
298.	energies-762960 - A Novel Accurate and Fast Converging Deep Learning based Model for Electrical Energy Consumption Forecasting in Smart Grid
299.	energies-732616- In-stream Energy by Tidal and Wind-driven Currents: An Analy ...
300.	energies-732616 R1-- In-stream Energy by Tidal and Wind-driven Currents: An Analy ...
301.	energies-698424- Application of VMD and Hilbert Transform Algorithms on Detec ...
302.	energies-698424 R1- Application of VMD and Hilbert Transform Algorithms on Detec ...
303.	energies-680274- An Iterative Scheme for the Power-Flow Analysis of Distribut ...
304.	energies-680274 R1- An Iterative Scheme for the Power-Flow Analysis of Distribut ...

	305.	energies-627727- Regular and irregular performance variation of module string ...			
	306.	energies-627727 R1- Regular and irregular performance variation of module string ...			
	307.	energies-604003- Alternative Methodology to Calculate the Directional Charact ...			
	308.	energies-604003 R1- Alternative Methodology to Calculate the Directional Charact ...			
	309.	energies-583632- Economic Optimization of Wind and Light-storage Independent ...			
	310.	energies-583632R1- Economic Optimization of Wind and Light-storage Independent ...			
	311.	energies-1404826- A Curvature-Compensation Technique for Low-voltage Bandgap Reference			
38		Algorithms, https://www.mdpi.com/journal/algorithms	ISI	3	30
	312.	algorithms-1372245 - Algorithms for optimal power flow extended to controllable renewable systems and controllable loads			
	313.	algorithms-1372245R1 - Algorithms for optimal power flow extended to controllable renewable systems and controllable loads			
	314.	algorithms-1372245R2 - Algorithms for optimal power flow extended to controllable renewable systems and controllable loads			
39		Coatings, https://www.mdpi.com/journal/coatings	ISI	2	20
	315.	coatings-1400986 - Assessment of the condition of anilox rollers			
	316.	coatings-1400986R1 - Assessment of the condition of anilox rollers			
40		Applied Sciences, https://www.mdpi.com/journal/applsci	ISI	8	80
	317.	applsci-1426996 - Power-Based Concept for Current Injection by Inverter-Interfaced Distributed Generations during Transmission-Network Faults			
	318.	applsci-1426996R1 - Power-Based Concept for Current Injection by Inverter-Interfaced Distributed Generations during Transmission-Network Faults			
	319.	applsci-1141688- Risk-based virtual energy storage system service strategy for prosumers			
	320.	applsci-1141688R1- Risk-based virtual energy storage system service strategy for prosumers			
	321.	applsci-791938- Design of the Input and Output Filter for a Matrix Converter Using Evolutionary Techniques			
	322.	applsci-791938R1- Design of the Input and Output Filter for a Matrix Converter Using Evolutionary Techniques			
	323.	applsci-752507- Design and Comparison of P&O, Fuzzy and P&O Based Fuzzy MPPT			
	324.	applsci-752507 R1- Design and Comparison of P&O, Fuzzy and P&O Based Fuzzy MPPT			
41		Computers, https://www.mdpi.com/journal/computers	ISI	2	20
	325.	computers-940744- Design and Implementation of PLC / HMI Based Introductory Digital Logic Design Laboratory			
	326.	computers-940744R1- Design and Implementation of PLC / HMI Based Introductory Digital Logic Design Laboratory			
42		Electronics, https://www.mdpi.com/journal/electronics	ISI	27	270
	327.	electronics-1483625 - Power quality disturbance recognition using empirical wavelet transform and feature selection			
	328.	electronics-1483625R1 - Power quality disturbance recognition using empirical wavelet transform and feature selection			
	329.	electronics-1476743 - Unmanned Aerial Vehicle Activity and Its Aerial Lanes Design in (Ultra) Low-Altitude Airspace			
	330.	electronics-1476743R1 - Unmanned Aerial Vehicle Activity and Its Aerial Lanes Design in (Ultra) Low-Altitude Airspace			
	331.	electronics-1475615 - An active voltage coordinate control strategy of DFIG-based wind farm with hybrid energy storage system			
	332.	electronics-1475615R1 - An active voltage coordinate control strategy of DFIG-based wind farm with hybrid energy storage system			
	333.	electronics-1444696 - Cascading parallel random forest algorithm in predicting rice diseases in big data analysis			
	334.	electronics-1444696R1 - Cascading parallel random forest algorithm in predicting rice diseases in big data analysis			

	335.	electronics-1352976- An accurate Real Time Motion Estimation Using Optical Flow on Embedded System			
	336.	electronics-1352976R1- An accurate Real Time Motion Estimation Using Optical Flow on Embedded System			
	337.	electronics-1311756- Planning of Electric Taxi Charging Stations Based on Travel Data Characteristics			
	338.	electronics-1311756R1- Planning of Electric Taxi Charging Stations Based on Travel Data Characteristics			
	339.	electronics-1327513- Intelligent Energy Management Method of Hybrid AC/DC Microgrid using Artificial Neural Network			
	340.	electronics-1327513R1- Intelligent Energy Management Method of Hybrid AC/DC Microgrid using Artificial Neural Network			
	341.	electronics-1150694- Contributions Regarding the use of the Techniques of Artificial Intelligence for the Integration of Electrical Vehicles in the Networks of Future Smart Cities			
	342.	electronics-1150694R1 - Contributions Regarding the use of the Techniques of Artificial Intelligence for the Integration of Electrical Vehicles in the Networks of Future Smart Cities			
	343.	electronics-1132517- Multi-behavior with Bottleneck features LSTM for Load Forecasting in Building Energy Management System			
	344.	electronics-1132517R1- Multi-behavior with Bottleneck features LSTM for Load Forecasting in Building Energy Management System			
	345.	electronics-982448- Duty-cycled Wireless Power Transmission for Millimeter-sized Biomedical Implants			
	346.	electronics-982448R1- Duty-cycled Wireless Power Transmission for Millimeter-sized Biomedical Implants			
	347.	electronics-966618- A novel Approach for Optimal Coordination of Over-current Relays in Microgrids with Distributed Generation			
	348.	electronics-950407- Adaptive Protection for Microgrid with Distributed Energy Resources			
	349.	electronics-950407 R1- Adaptive Protection for Microgrid with Distributed Energy Resources			
	350.	electronics-793126- Adaptive Protection for Microgrid with Distributed Energy Resources			
	351.	electronics-793126 R1- Adaptive Protection for Microgrid with Distributed Energy Resources			
	352.	electronics-655012- PLC / HMI Based Implementation of a Real-Time Educational...			
	353.	electronics-655012 R1- PLC / HMI Based Implementation of a Real-Time Educational...			
43		Entropy, https://www.mdpi.com/journal/entropy	ISI	2	20
	354.	entropy-735088 Evaluation of harmonic contributions for multi harmonic sources system based on mixed entropy screening and an improved independent component analysis method			
	355.	entropy-735088 R1 Evaluation of harmonic contributions for multi harmonic sources system based on mixed entropy screening and an improved independent component analysis method			
44		Sensors, https://www.mdpi.com/journal/sensors	ISI	13	130
	356.	sensors-1288191- A Bidirectional Versatile Buck-Boost Converter Driver for Electric Vehicle Applications			
	357.	sensors-1142383- Bi-directional Mutual Energy Trade Between Smart Grid and Energy Districts Using Renewable Energy Credits			
	358.	sensors-1174813- Custom Outlier Detection for Electrical Energy Consumption Data Applied in Case of Demand Response in Block of Buildings			
	359.	sensors-1174813R1- Custom Outlier Detection for Electrical Energy Consumption Data Applied in Case of Demand Response in Block of Buildings			
	360.	sensors-1104546 - An Attention-based Multilayer GRU Model for Multstep-Ahead Short-Term Load Forecasting			
	361.	sensors-1104546R1 - An Attention-based Multilayer GRU Model for Multstep-Ahead Short-Term Load Forecasting			
	362.	sensors-1086076- End-to-End Deep Graph Convolutional Neural Network Approach for Intentional Islanding in Power Systems Considering Load-Generation Balance			

	363.	sensors-1086076- End-to-End Deep Graph Convolutional Neural Network Approach for Intentional Islanding in Power Systems Considering Load-Generation Balance			
	364.	sensors-1077280- Reliability Analysis and Evaluation of Smart Substation from ...			
	365.	sensors-1032365- An Automatic Aggregator of Power Flexibility in Smart Buildings using Software Based Orchestration			
	366.	sensors-1032365R1- An Automatic Aggregator of Power Flexibility in Smart Buildings using Software Based Orchestration			
	367.	sensors-887840- Detection of Potentially Compromised Computer Nodes and Clusters Connected on a Smart Grid, Using Power Consumption Data			
	368.	sensors-887840R1- Detection of Potentially Compromised Computer Nodes and Clusters Connected on a Smart Grid, Using Power Consumption Data			
45		Symmetry, https://www.mdpi.com/journal/symmetry	ISI	1	10
	369.	symmetry-1367106 - Nonlinear mechanism of impact factors on ground settlement and deformation for tunneling crossing beneath an existing tunnel			
46	370.	World Electric Vehicle Journal, https://www.mdpi.com/journal/wevj	BDI	3	18
	371.	wevj-1359920- Electric vehicle uptake: understanding the print media's role in changing attitudes and perceptions			
	372.	wevj-1359920R1- Electric vehicle uptake: understanding the print media's role in changing attitudes and perceptions			
	373.	wevj-1331037- Primary Energy Use and Environmental Effects of Electric Veh ...			
47		Sustainability https://www.mdpi.com/journal/sustainability	ISI	6	60
	374.	sustainability-1251179- Optimization of Conventional and Green Vehicles Composition under Carbon Emission Cap			
	375.	sustainability-1251179R1- Optimization of Conventional and Green Vehicles Composition under Carbon Emission Cap			
	376.	sustainability-1237890- Research on decision optimization model of microgrid participating in spot market transaction			
	377.	sustainability-1237890R1- Research on decision optimization model of microgrid participating in spot market transaction			
	378.	sustainability-1154622 - Intelligent Approach for Active and Reactive Power Control in Grid Connected Solar Photovoltaic System			
	379.	sustainability-1154622R1- Intelligent Approach for Active and Reactive Power Control in Grid Connected Solar Photovoltaic System			
48		Future internet https://www.mdpi.com/journal/futureinternet	BDI	2	12
	380.	futureinternet-1448280 - Securing IoT Devices against Differential-Linear (DL) Attack used on Serpent algorithm			
	381.	futureinternet-1448280R1 - Securing IoT Devices against Differential-Linear (DL) Attack used on Serpent algorithm			
49		Optics https://www.mdpi.com/journal/optics	BDI	2	12
	382.	optics-1405224 - Electrical characterization method for resonance performance of photo-elastic modulators			
	383.	optics-1405224R1 - Electrical characterization method for resonance performance of photo-elastic modulators			
50		2023 IEEE Asia Meeting on Environment and Electrical Engineering (EEE-AM) (ISI)	ISI	20	200
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	386.	32 - Deep reinforcement learning-based prosumer aggregation bidding strategy in a hierarchical local electricity market			
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51		The 3rd International Conference on Electrical, Computer, Communications and Mechatronics Engineering	ISI	1	10
	404.	781 Green Energy Transition Paradigm in Smart Grid Environment			
52		Referent științific International Journal of Advanced Computer Science and Applications	BDI	16	96
	405.	A Novel Bayesian Quantized MobileNet (BQ-MobileNet) Architecture for Improving Diagnostic Accuracy in the Medical Image Classification Problem			
	406.	A Novel Blockchain Assisted Deep Learning Model For Secure Edge Intelligence in IoT Networks			
	407.	Dynamic Analysis of Fixed Platforms Equipped With Mass Dampers Under Earthquake Loading using Crow Search Algorithm*			
	408.	Improving the Schwartz and Moon Option Model for Valuing Listed Biopharmaceutical Companies			
	409.	FOOD QUALITY DETECTION BY IDENTIFICATION OF BACTERIAL CONTAMINANTS: A COMPARATIVE ANALYSIS OF MACHINE LEARNING PREDICTIVE MODELS			
	410.	A Robust Cardiovascular Disease Predictor Based on Genetic Feature Selection and Ensemble Learning Classification			
	411.	Application of Multiplicative Congruential Random Number Generator on Game Object in the 3D game "Letters Hijaiyah"			

	412.	A Lightweight Distributed Posture based Traffic -MAC Protocol to Increase the Network Lifetime in Wireless Body Area Networks			
	413.	PageRank Talent Mining Algorithm of Power System Based on Cognitive Load and DPCNN			
	414.	Optimized Automatic Course Timetabling Service Architecture for Integration with Vendor Management Systems			
	415.	Research on Safety Evaluation of Assembly Building Construction by Integrating Entropy Power Method and Network Analysis Model			
	416.	Dangerous Goods container Location allocation strategy based on improved NSGA-II algorithm			
	417.	Crop Field monitoring and Disease Detection of Plants in Smart Agriculture Using Internet of Things			
	418.	IoT System for CO2 Level Monitoring and Analysis in Educational Environments			
	419.	Validation of Evacuation Assessment Algorithm in Finding the Best Indoor Evacuation Model			
	420.	Novel Rainfall Prediction Model using Machine Learning Techniques and Historical Weather Data			
53		23rd IEEE International Conference on Environment and Electrical Engineering & 7th I&CPS Industrial and Commercial Power Systems Europe	BDI	19	114
	421.	18 Initial Assessment of Electrical Flexibility of Combustion-Based District Heating Systems			
	422.	65 Co-Simulation Strategy for Photovoltaic Power Prediction and Validation of Digital Twin			
	423.	88 Digital Real-Time Power System Co-simulation via Distributed Transmission Line Model			
	424.	89 A Proactive Stochastic Framework for Cyber-Physical Power Systems Security			
	425.	102 Control of Hydrogen Storage Systems for Primary Frequency Response and Inertia Emulation			
	426.	116 Resilience Oriented Planning for Multi-energy Microgrids in an Urban Area			
	427.	131 Optimum operational planning of wind-integrated power systems with embedded Multi-terminal High Voltage Direct Current Links using the Flexible Universal Branch Model			
	428.	139 Experimental Characterisation of the Dynamic Mechanical Properties of Pressboard			
	429.	147 Optimal sizing and placement of DFIG Wind Farm for Line Loss Reduction and Volt/Var Control in Distribution Network			
	430.	149 A PI-MPC based Dual-loop Controller for Grid Forming Inverters			
	431.	192 IoT-based Health Monitoring of Electric Motor With Cloud Computing			
	432.	195 Hourly Electricity Price Prediction Applying Deep Learning for Electricity Market Management			
	433.	212 Energy storage systems for voltage regulation: Analysis for the railway junction of Rome			
	434.	218 A Critical Review of Nigerian Electricity Policies between 2001 and 2020			
	435.	219 Integrating Risk Assessment into the Optimal Placement and Sizing of Distributed Generation and Capacitor Banks in Power Distribution Networks			
	436.	270 Harmonic Propagation in Hybrid Microgrids: A Simulation-based Analysis			
	437.	271 Ex-ante analysis and baseline estimation for pilot sites using machine and deep learning			
	438.	301 Analysis of correlations between electric arc furnace model coefficients			
	439.	335 Sequence-to-Sequence Model with Transformer-based Attention Mechanism and Temporal Pooling for Non-Intrusive Load Monitoring			
54		MDPI 2023	ISI	24	240
	440.	electronics-2793374 - An Embedded Machine Learning Fault Detection System for Elec ...			
	441.	information-2742552 - Parametric and Nonparametric Machine Learning Techniques for ...			
	442.	energies-2699557 - Power Distribution Systems Vulnerability by Regions Caused b ...			
	443.	energies-2676708 -Optimal Scheduling Strategy of Microgrid Based on Reactive P ...			

	444.	electronics-2674652 -Power Consumption Minimization of a Low-Cost IoT Data Logger ...			
	445.	sensors-2633296 - Low-pass filter application for noise removal in water quali ...			
	446.	sensors-2466592 - A QoS-Aware Service Composition Method in the Internet of Th ...			
	447.	metals-2360945 - Research Progress on New Types of H2TiO3 Lithium-Ion Sieves: ...			
	448.	buildings-2365414 - A Validated Framework for Characterising Informal Settlement ...			
	449.	energies-2330698 - Principles of Forming a Digital Platform for Reliability Man ...			
	450.	energies-2303287 - Optimization, Design and Feasibility Analysis of a Grid-Inte ...			
	451.	electronics-2192719 - Fault-tolerant Control Strategy for Sub-modules Open-circuit ...			
	452.	energies-2192017 - Distribution Network Reconfiguration using Branch Exchange a ...			
	453.	energies-2171346 - Research on the optimal design of seasonal time-of-use tarif ...			
	454.	electronics-2793374R1 - An Embedded Machine Learning Fault Detection System for Elec ...			
	455.	energies-2699557R1 - Power Distribution Systems Vulnerability by Regions Caused b ...			
	456.	energies-2676708R1 - Optimal Scheduling Strategy of Microgrid Based on Reactive P ...			
	457.	electronics-2674652R1 - Power Consumption Minimization of a Low-Cost IoT Data Logger .			
	458.	sensors-2633296R1 - Low-pass filter application for noise removal in water quali ...			
	459.	energies-2330698R1 - Principles of Forming a Digital Platform for Reliability Man...			
	460.	energies-2303287R1 - Optimization, Design and Feasibility Analysis of a Grid-Inte ...			
	461.	electronics-2192719R1 - Fault-tolerant Control Strategy for Sub-modules Open-circuit ...			
	462.	energies-2192017R1 - Distribution Network Reconfiguration using Branch Exchange a ...			
	463.	energies-2171346R1 - Research on the optimal design of seasonal time-of-use tarif ...			
55		International Journal of Electrical Power and Energy Systems 2023	ISI	5	50
	464.	IJPES-D-23-03034R1 Two-level nested collaborative optimization method for sharing energy storage and energy in community microgrid considering subjectivity and privacy			
	465.	IJPES-D-23-03143 Efficient Microcontroller-Based Management of Household Electricity Consumption (EMMEC)			
	466.	IJPES-D-23-01436 MBD-and-FEA Based Shape Optimization of Flexible Connection Structure of On-Load Tap Changer for Minimizing Transient Stress Using Adaptive Single-Objective Method			
	467.	IJPES-D-23-03034R2 Two-level nested collaborative optimization method for sharing energy storage and energy in community microgrid considering subjectivity and privacy			
	468.	IJPES-D-23-03034R3 Two-level nested collaborative optimization method for sharing energy storage and energy in community microgrid considering subjectivity and privacy			
56		Heliyon 2023	ISI	3	30
	469.	HELIYON-D-23-43878 Optimal Hybrid Resonant Current Controller for Microgrids connected to an Unbalanced IEEE Test Distribution Network			
	470.	HELIYON-D-23-48997 An Efficient Hybrid MPPT Technique for Grid Connected Photovoltaic-Battery- DFIG System			
	471.	HELIYON-D-23-07148 Cost-optimization in a Microgrid using Deep Reinforcement Learning by utilizing the Energy Storage Systems			
57		Engineering Applications of Artificial Intelligence	ISI	3	30
	472.	EAAI-23-5667 An evolutionary computational approach for the identification of distribution networks models			
	473.	EAAI-23-5494R2 Title: ITran: A Novel Transformer-based Approach for Industrial Anomaly Detection and Localization			
	474.	EAAI-24-1124 - A Fair Order Matching and Idle Vehicle Dispatching Algorithm for Ride-hailing			
58		Alexandria Engineering Journal 2024	ISI	1	10

	475.	AEJ-D-24-09144 - New OLTC Control Algorithm for Microgrid Interconnection with the Source Grid			
59		Measurement: Energy	ISI	1	10
	476.	MEAENE-D-24-00133 - Combating Electrical Losses – Detection And Location Of Theft Spots In Low Voltage Networks With The Release Of Customers To The Free Energy Marke			
60		Renewable and Sustainable Energy Reviews	ISI	2	20
	477.	RSER-D-24-00627 - Applications of computational fluid dynamics and machine learning in modeling of latent heat energy storage systems: A comprehensive review Renewable and Sustainable Energy Reviews			
	478.	RSER-D-24-00106 - Recent Advances in Model-Based Fault Diagnosis for Lithium-Ion Batteries: A Comprehensive Review			
61		International Journal of Electrical Power and Energy Systems 2024	ISI	3	30
	479.	IJEPE-D-24-01822 - Energy Demand Optimization in Intelligent Urban Structures: A Comparison of MFOA and ISCA for Effective Peak Load Control			
	480.	IJEPE-D-24-00515 - Comparative analysis of data transformation methods for detecting non-technical losses in electricity grids			
	481.	IJEPE-D-24-01395 - Decentralized MicroGrid for Secured Energy Management: Invigorating Meta-Heuristic Algorithms and Block Chain Enabled Contrivance for Future Energy Trading			
62		Global Energy Interconnection	ISI	1	10
	482.	GLOEI-D-24-00307 - Simulation of unbalanced operating modes in low-voltage components of power supply systems			
63		e-Prime - Advances in Electrical Engineering, Electronics and Energy	ISI	1	10
	483.	PRIME-D-24-02121 - Adversarial Measurements for Convolutional Neural Network-based Energy Theft Detection Model in Smart Grid			
64		Energy Reports 2024	ISI	3	30
	484.	EGYR-D-24-02222 - A Novel Monitoring System of Distributed Production Resources based on Machine Learning Technique to Evaluate the Energy Consumption of Microgrids			
	485.	EGYR-D-24-01106 - Designing Digitally Enabled Proactive Maintenance Systems in Power Distribution Grids: A Scoping Literature Review			
	486.	EGYR-D-24-00163 - Classification of Anomalies in Photovoltaic Systems using Supervised Machine Learning Techniques and Real Data			
65		Heliyon 2024	ISI	1	10
	487.	HELIYON-D-24-58899 - Energy loss Calculation and Voltage profile improvement for the Rehabilitation of 0.4kV Low Voltage Distribution Network (LVDN)			
66		Computers and Electrical Engineering 2024	ISI	1	10
	488.	COMPELECENG-D-24-00893 - Mobile Edge Computing: Intelligent caching strategy to offload the traffic in vehicular networks			
67		Swarm and Evolutionary Computation	ISI	3	30
	489.	SWEVO-D-24-00398 - Network Bandwidth based Tasks Scheduling Algorithm in Heterogeneous IoT-Edge Environment			
	490.	SWEVO-D-24-00477 - A Multi-strategy Optimizer for Energy Minimization of Multi-UAV-assisted Mobile Edge Computing			

	491.	SWEVO-D-24-00202 - Momentum Search Algorithm espoused Trusted Distributed Routing Scheme for MANET based on Blockchain and Dual-Discriminator Conditional Generative Adversarial Network			
68		Computing Open (COMPUTING-OPEN)	BDI	1	6
	492.	COMPUTING-OPEN-D-24-00027 - Optimized Multicropping Using Reinforcement Learning and Secured Supply Chain Using Blockchain"			
69		(IJACSA) International Journal of Advanced Computer Science and Applications 2024	ISI	14	140
	493.	Enhancing Grid Integration of Wind Energy Through an Improved Minimum Cut Algorithm for Optimal Energy Storage Planning			
	494.	Enhancing Project Completion Date Prediction Using a Hybrid Model: Rule-Based Algorithm and Machine Learning Algorithm			
	495.	Intelligent Management of Urban Underground Pipe Galleries for Smart City Optimization: Leveraging IoT and Digital Twin Technologies			
	496.	Enhanced Group Decision-Making Framework Employing Intelligent Algorithms to Assess Multi-Attribute College English Teaching Quality Utilizing Interval-Valued Intuitionistic Fuzzy Sets			
	497.	Design of Serious Game Intelligent Transportation System (SGITS) Based on Internet Of Thing			
	498.	Measuring Construction Equipment Factors through IoT-Powered Remote Monitoring Systems			
	499.	Automated recognition of three different levels of mental stress through recurrence quantification analysis of respiratory signal			
	500.	A comparative Study of Deep Learning Techniques for Ocular diseases			
	501.	Integrating IOT Technology and GIS Technology for Intelligent Landscape Design and Maintenance			
	502.	Research on the application of the Apriori algorithm in network security			
	503.	A secure and reliable framework for explainable artificial intelligence (XAI) in smart city applications			
	504.	Linear And Nonlinear Analysis Of Multimodal Physiological Data For Emotion Recognition			
	505.	Integration of effective models to provide a novel method to identify the future trend of Nikkei 225 stocks index			
	506.	Construction and application of college English blended teaching system based on multi-source information fusion algorithm			
70		Referent științific 24rd IEEE International Conference on Environment and Electrical Engineering & 7th I&CPS Industrial and Commercial Power Systems Europe (2024)	BDI	15	90
	1.	23 - Fuel Cell Electric Vehicles: Literature Analysis to Identify Barriers to their Deployment and Possible Mitigation Strategies			
	2.	105 - Control System Design for Grid-Forming Inverters in Grids with Background Harmonic Voltages			
	3.	121 - A Computerized Multimodal Gallery for the Smart Management of Human Emotions			
	4.	169 - A Planning Framework for On-Grid Microgrids Incorporating Green Hydrogen and Renewables			
	5.	170 - Application of deep learning algorithms for BIPV power forecasting in Italy			
	6.	173 - Securing AGC Systems Against False Data Injection Attacks Using Federated Learning and Model Predictive Control			

	7.	178 - Robust-Stochastic Optimization Model for Strategic Participation of Aggregators in Day-Ahead			
	8.	207 - Investment Planning for Risk Mitigation in Low Voltage Distribution Networks			
	9.	211 - Methodology for analyzing Standalone Hybrid Railway Propulsion Systems: A Model Based System Engineering Approach			
	10.	235 - Optimization-Based Restoration Strategy in a Self-Healing Distribution Network			
	11.	243 - Toward Automation for Geographically Distributed Power Hardware-in-the-loop experiments			
	12.	260 - Series-Series Versus Series-Parallel in Terms of Stability Issues for Inductive Power Transfer Systems			
	13.	286 - Aggregated Energy Management of Multiple Factories that Purchased Green Energy Collectively			
	14.	291 - Models and Methods for Sustainable Road Tunnels Operating as Microgrid and RES Energy Community			
	15.	342 - Microfrontend application for microgrids monitoring and controlling			
71		The 13th IEEE International Conference and Exposition on Electrical and Power Engineering (EPEI 2024)	BDI	13	78
	1.	9 - Intelligent Energy Storage for Electric Vehicle Charging Stations			
	2.	62 - Digital Communication Capabilities of Low Voltage Circuit Breakers			
	3.	64 - Cost-effectiveness and sustainability analysis of a NZEB house			
	4.	99 - Sizing strategies for energy storage systems based on autonomy time and technical factors			
	5.	111 - Study of a Hybrid System (PV-Battery-Grid) for Electric Vehicle Charging Stations			
	6.	118 - Aspects of PV production enhancements using a cost-effective design for tracking			
	7.	119 - Advancements in Machine Learning Algorithms for Enhanced Fault Analysis and Categorization in Power Systems			
	8.	148 - Analysis of the permanent magnets influence on the operation of a BLDC motor			
	9.	152 - Enhancing Grid Reliability in the Baltic Region: Integrating Renewable Energy and ENTSO-E Synchronization			
	10.	157 - 3-Axis Virtual Gaussmeter for Measurement and Advanced Characterization of the Magnetic Fields from Overhead Power Lines			
	11.	168 - Electricity Price Forecasting on Day Ahead Market via a Multivariate CNN-LSTM Model			
	12.	189 - Non-conventional renewable energy potential for improving electricity availability for the residential area of the future			
	13.	190 - Solar photovoltaic systems challenges in industrial network installations			
			TOTAL		4886

3.5 Referent in comisii de doctorat

1. Membru în comisia de doctorat al domnului Gorea Cristian, cond. Prof.univ.dr.ing. Radu Porumb – 4.11.2024 <https://upb.ro/impactul-surselor-de-energie-regenerabila-asupra-calitatii-energiei-electrice-din-retelele-de-distributie-gorea-cristian-04-11-2024/> - National **5 puncte**

3.6. Premii

Nr crt.	Premiul	Sucategoria	Punctaj
1	Premiu UEFISCDI prin programul Planul National de Cercetare, Dezvoltare si Inovare pentru perioada 2015-2020, PNCDI III, Programul Dezvoltarea sistemului national de cercetare-dezvoltare, Subprogramul 1.1. – Resurse Umane, Premiarea rezultatelor cercetarii – articole, in anul 2020 pentru lucrarea <i>A Novel Algorithm with Multiple Consumer Demand Response Priorities in Residential Unbalanced LV Electricity Distribution Networks</i> publicata in jurnalul Mathematics https://uefiscdi.gov.ro/resource-824820-precisi_lista-1_partial-2_rezultate-eligibilitate_articole-2020_.pdf?&wtok=&wtkps=XU5ZasMwEL2LvhtHlyFkIX9yghDICVvP7A5YcbC8pATfPZJb6PI1b97Gg9HiM6JGEZIEFdEoFLCo1nL3HgDt2a2h7uZxpttipPL9oJye3KcfDxTuztoDPZT70DkLKDjFVGhgG5wmUdVJee5y+P0kL2MJ0IXbtk9oKGbKaJPLLAqi++1yPWorVaIKacq9NEV/mDcFYDSAhg8JZk+d/2VAovhrTNNWn4FOkAw0974Yxq6YfcuxIS4W9mtRixM3Qy+q7QU=&wchk=20b953a24c2cc61b474b8ca651f69217f6bacb92	CNCSIS	15
2	Premiu UEFISCDI prin programul Planul National de Cercetare, Dezvoltare si Inovare pentru perioada 2015-2020, PNCDI III, Programul Dezvoltarea sistemului national de cercetare-dezvoltare, Subprogramul 1.1. – Resurse Umane, Premiarea rezultatelor cercetarii – articole, in anul 2020 pentru lucrarea <i>An Advanced Decision Support Platform in Energy Management to Increase Energy Efficiency for Small and Medium Enterprises</i> publicata in jurnalul Applied Sciences https://uefiscdi.gov.ro/resource-824820-precisi_lista-1_partial-2_rezultate-eligibilitate_articole-2020_.pdf?&wtok=&wtkps=XU5ZasMwEL2LvhtHlyFkIX9yghDICVvP7A5YcbC8pATfPZJb6PI1b97Gg9HiM6JGEZIEFdEoFLCo1nL3HgDt2a2h7uZxpttipPL9oJye3KcfDxTuztoDPZT70DkLKDjFVGhgG5wmUdVJee5y+P0kL2MJ0IXbtk9oKGbKaJPLLAqi++1yPWorVaIKacq9NEV/mDcFYDSAhg8JZk+d/2VAovhrTNNWn4FOkAw0974Yxq6YfcuxIS4W9mtRixM3Qy+q7QU=&wchk=20b953a24c2cc61b474b8ca651f69217f6bacb92	CNCSIS	15
3	Premiu UEFISCDI prin programul Planul National de Cercetare, Dezvoltare si Inovare pentru perioada 2015-2020, PNCDI III, Programul Dezvoltarea sistemului national de cercetare-dezvoltare, Subprogramul 1.1. – Resurse Umane, Premiarea rezultatelor cercetarii – articole, in anul 2020 pentru lucrarea <i>A New Vision on the Prosumers Energy Surplus Trading Considering Smart Peer-to-Peer Contracts</i> publicata in jurnalul Mathematics https://uefiscdi.gov.ro/resource-824820-precisi_lista-1_partial-2_rezultate-eligibilitate_articole-2020_.pdf?&wtok=&wtkps=XU5ZasMwEL2LvhtHlyFkIX9yghDICVvP7A5YcbC8pATfPZJb6PI1b97Gg9HiM6JGEZIEFdEoFLCo1nL3HgDt2a2h7uZxpttipPL9oJye3KcfDxTuztoDPZT70DkLKDjFVGhgG5wmUdVJee5y+P0kL2MJ0IXbtk9oKGbKaJPLLAqi++1yPWorVaIKacq9NEV/mDcFYDSAhg8JZk+d/2VAovhrTNNWn4FOkAw0974Yxq6YfcuxIS4W9mtRixM3Qy+q7QU=&wchk=20b953a24c2cc61b474b8ca651f69217f6bacb92	CNCSIS	15
4	Premiu UEFISCDI prin programul Planul National de Cercetare, Dezvoltare si Inovare pentru perioada 2015-2020, PNCDI III, Programul Dezvoltarea sistemului national de cercetare-dezvoltare, Subprogramul 1.1. – Resurse Umane, Premiarea rezultatelor cercetarii – articole, in anul 2020 pentru lucrarea <i>Optimal Phase Load Balancing in Low Voltage Distribution Networks Using a Smart Meter Data Based Algorithm</i> , publicata in jurnalul Mathematics https://uefiscdi.gov.ro/resource-824264-precisi_lista-1_partial-3_rezultate-eligibilitate_articole-2020_.pdf?&wtok=&wtkps=XU5LDsIgEL0La61MkRSnG09gTDxB2hiQUhpbTp3YVq4mc1b94vr8EKp4gMSTSK1BF5giA6N0LzMPJupXNuEJWzAe6hfUQXwAtOdditobethOXabWXwLlcBicm3RMLhDfY9gZukTlvsvp/kNSiA7up5XjZIFTPFgc9IFRKLwV42rCKlqIUllulNEU/zKoE4AyAwWsCX1KHvwxQJL/GNG3UGbCENFeD1YXvLsWgzyZKZYqb0WPRdL2R3pJ6fql=&wchk=172db632aeb47c7292fc3a0408dde5be7d69c0f	CNCSIS	15
5	Premiu UEFISCDI prin programul Planul National de Cercetare, Dezvoltare si Inovare pentru perioada 2015-2020, PNCDI III, Programul Dezvoltarea sistemului national de cercetare-dezvoltare, Subprogramul 1.1. – Resurse Umane, Premiarea rezultatelor cercetarii – articole, in anul 2021 pentru lucrarea <i>Bi-Level Phase Load Balancing Methodology with Clustering-Based Consumers' Selection Criterion for Switching Device Placement in Low Voltage Distribution Networks</i> , publicata in jurnalul Mathematics https://uefiscdi.gov.ro/resource-868119-precisi2021_lista-2_rezultate-eligibilitate-art-2021_18.11.2021.pdf?&wtok=&wtkps=XY5NjslwDIXvkjWUOsFNcDdzAoTECUoTBmv ozzQEaKvenbRiwcZkZ37ve3JBmkZPIOkRnK3JPKEm4olvnjwxtxjWgG9rhjM6W/aX/7aUJ92rb1Wa9O+HwwKyBNSN3MwskeJ6xAuEtmv4iL6lZLnb1ucQsk4FOiO/T8KJp/XzK4iUGNAIr2pw3CidSinnimYpiagEQAWgQK3+moALtf/HQPrJvF97uFmoqKrGhqtLmu47Ce7MvrSc3Nk9kqK7cdlcrT69AA==&wchk=22e48a856b6a6d91b86874e2439d2f38477f0a4a	CNCSIS	15

6	Premiu UEFISCDI prin programul Planul National de Cercetare, Dezvoltare si Inovare pentru perioada 2015-2021, PNCDI III, Programul Dezvoltarea sistemului national de cercetare-dezvoltare, Subprogramul 1.1. – Resurse Umane, Premiarea rezultatelor cercetarii – articole, in anul 2020 pentru lucrarea New Market Model with Social and Commercial Tiers for Improved Prosumer Trading in Microgrids, publicata in jurnalul Sustainability https://uefiscdi.gov.ro/resource-868117-precisi2021_lista-2_rezultate-eligibilitate-art-2020_18.11.2021.pdf?&wtok=&wtkps=XY5NjswDIXvkjWUOsFNcDdzAoTECUoTBmv ozzQEaKvenbRiwcZKz37ve3JBmkZPioRnK3JPKE4olvnjwxtjWgG9rhjM6W/aX/7aU J92rb1Wa9O+HwvKyBNSN3MwskeJ6xAuEtm4iL6LzLnb1ucQsk4F0I0/T8kjp/XzK4iU GNAIr2/pw3CidSiNNimYpjagEQAWgQK3+moALtf/HQPrJvF97uFmoqKrGhqtLmu47Ce 7MvrSc3Nk9kqK7cdlcRT69AA==&wchc=22e48a856b6a6d91b86874e2439d2f38477f0a4a	CNCSIS	15
7	PN-IV-P2-2.3- PRECISI-2023- 74067 Face Spoofing, Age, Gender and Facial Expression Recognition Using Advance Neural Network Architecture-Based Biometric System	CNCSIS	15
8	PN-IV-P2-2.3-PRECISI-2023-71685 Novel Decentralized Voltage-Centered EV Charging Control Algorithm Using DSRC System in Low Voltage Distribution Networks	CNCSIS	15
9	PN-IV-P2-2.3-PRECISI-2023-73710 GrAb: A Deep Learning-Based Data-Driven Analytics Scheme for Energy Theft Detection	CNCSIS	15
10	PN-IV-P2-2.3-PRECISI-2023-73200 Stacked Model-Based Classification of Parkinson's Disease Patients Using Imaging Biomarker Data	CNCSIS	15
			150

3.7.4. Membru în academii, organizații

Nr crt.	Subcategorii (National / International)	Asociații profesionale	Punctaj
1.	National	Societatea inginerilor absolvenți din Iași (SETIS)	2
2.	National	Comitetul Național Român al Consiliului Mondial al Energiei (CNR-CME)	2
3.	International	International Association of Engineers (IAENG)	5
4.	International	World Academy of Science, Engineering and Technology (WASET)	5
5.	International	International Association of Online Engineering (IAOE)	5
6.	International	Institute of Electrical and Electronics Engineers (IEEE)	5
7.	International	Society of Digital Information and Wireless Communications (SDIWC)	5
8	National	Membru în Societatea Auditorilor și Managerilor Energetici din Romania (SAMER)	2
			31

Data:
13.10.2025

Candidat,
Conf. dr. ing. Bogdan-Constantin Neagu



FIȘA DE VERIFICARE

a îndeplinirii standardelor universității pentru postul de conferențiar universitar

Cadru didactic: Neagu Bogdan-Constantin / **Data nașterii:** 04.07.1984 / **Funcția actuală** Conferențiar universitar.

Data numirii în funcția actuală: 21.02.2022 (Decizia TUIASI nr. 535/21.02.2022) **Instituția:** Universitatea Tehnică "Gheorghe Asachi din Iași

1. Studiile universitare de licență

Nr. crt.	Instituția de învățământ superior și facultatea absolvită – anul absolvirii	D o m e n i u l / programul de studii (specializarea)	Titlul acordat	Media de școlaritate	Media examenului de finalizare
	<i>Universitatea Tehnică "Gheorghe Asachi" din Iași – Facultatea de Electrotehnică</i>	Energetic / Electroenergetică	inginer	8,04	9,91

2. Studiile universitare de master

Nr. crt.	Instituția de învățământ superior și facultatea absolvită – anul absolvirii	D o m e n i u l / programul de studii (specializarea)	Media de școlaritate	Media examenului de finalizare
	<i>Universitatea Tehnică "Gheorghe Asachi" din Iași – Facultatea de Electrotehnică</i>	Energetic / Managementul Sistemelor de energie (studii aprofundate)	10	10

2. Studiile de doctorat

Nr. crt.	Instituția organizatoare de doctorat	D o m e n i u l	Perioada	Titlul științific acordat
1	<i>Universitatea Tehnică "Gheorghe Asachi" din Iași</i>	<i>Inginerie Electrică</i>	<i>2009 - 2014</i>	<i>Doctor inginer</i>

3. Studii și burse postdoctorale (stagii de cel puțin 6 luni)

Nr. crt.	Țara / Instituția	D o m e n i u l / Specializarea	Perioada	Tipul de bursă
	-	-	-	-

4. Grade didactice/profesionale

Nr. crt.	Instituția	Domeniul	Perioada	Titlul/postul didactic sau gradul/postul profesional
1	Universitatea Tehnică "Gheorghe Asachi" din Iași	Energetică	2009-2011	Preparator univ.
2	Universitatea Tehnică "Gheorghe Asachi" din Iași	Energetică	2011-2014	Asistent univ.
3	Universitatea Tehnică "Gheorghe Asachi" din Iași	Energetică	2014-2022	Șef de lucrări
4	Universitatea Tehnică "Gheorghe Asachi" din Iași	Energetică	2022-prezent	Conferențiar univ.

5. Îndeplinirea standardelor minimale ale universității

Tabelul 1. Standardul minimal al universității SMU.CONF.1 – Activitatea didactică

Standardul minimal al universității SMU.CONF.1 – Activitatea didactică	Indicatori de performanță		Realizări (se trec cifrele de ordine ale realizărilor cuprinse în lista de lucrări, iar, după caz, celelalte realizări se nominalizează explicit)	Punctaj/ realizare	Număr impus de realizări	Număr de realizări ale candidatului	Număr puncte
Valoarea contribuțiilor la dezvoltarea activităților didactice / profesionale, prin cărți/ capitole publicate în edituri recunoscute CNCS, sisteme de laborator funcționale, metode de lucru avansate aplicate etc. - după caz, cu referire distinctă la realizările după acordarea ultimului titlu didactic/ grad profesional.	Ca	Carte/ curs/ manual publicată în străinătate	Conform Anexa 2	8	-	3	19,2
		Capitol carte/ curs/ manual publicat în străinătate	Conform Anexa 2	6	-	12	9,76
		Carte/ curs/ manual publicată în editură recunoscută CNCS (unic/ prim autor sau co-autor)	Conform Anexa 2	5	1	6	71,52
		Capitol curs/ manual publicat în editură recunoscută CNCS	Conform Anexa 2	3	-	1	3,09
	I	Indrumar laborator/ proiect/ lucrări seminar/ culegere de probleme (publicat sau disponibil pe Web)	Conform Anexa 2	4	1	3	28,32
	D	Sisteme de laborator funcționale (numai pentru disciplinele prevăzute cu lucrări de laborator/ proiect/ lucrări)	Amenajare lucrare nouă de laborator cu instalație experimentală	Conform Anexa 2	2	2	9

			Amenajare/ concepere lucrare nouă de laborator/ proiect/ simulare pe calculator/ studiu de caz	Conform Anexa 2	1.5				
	W	Utilizarea sistemelor de predare/ învățare/ evaluare de tip e-learning/ on- line/ multimedia etc.	Suport de studiu/ autoinstruire pe Web pentru seminar, laborator, proiect (integral pentru o disciplină)	Conform Anexa 2	1	1	4	14,51	
			Suport de prezentare/ instruire text/ video/ audio/ ppt a disciplinei	Conform Anexa 2	1				
Total puncte SMU.CONF.1 (min. 16)									159,89

Punctajul se calculează conf. Anexei 3.

Alte condiții:

- deține diploma de doctor în ramura de știință corespunzătoare postului sau într-o ramură înrudită;

Pentru candidații care vin din afara Universității:

- media examenului de finalizare a studiilor universitare de licență și de masterat: minim 9,00
- media generală de școlaritate: la licență minim 8,00, la masterat minim 9,00

Data: 13.10.2025

Conf.univ.dr.ing. Bogdan Constantin NEAGU