Anexa nr. 1

Domnule Decan,

Domnule Director de Departament

Subsemnatul Ciobanu Romeo Cristian, cadru didactic al Universității Tehnice „Gheorghe Asachi" din Iași cu funcția actuală de prof. univ. în cadrul Fac. IEEIA / Dept. MEME, solicit, prin prezenta, înscrierea la concursul pentru acordarea gradației de merit pentru perioada 2026 – 2031, Procedurii privind acordarea gradaţiilor de merit pentru personalul didactic titular din cadrul Universităţii Tehnice „Georghe Asahi" din Iasi, PO.DID.11.

Data, Semnătura,

15.10.2026 Ciobanu Romeo Cristian

Anexa nr. 2

RAPORT DE AUTOEVALUARE A ACTIVITĂŢII PENTRU ANII 2021 – 2025 .

Numele şi prenumele: Ciobanu Romeo Cristian
Funcţia didactică: prof. univ.
Facultatea/ Departamentul: IEEIA / MEME

Criteriul 1. Activitatea didactică

Medie anuala de 192.33 pct., cu valoare maxima de **284,52 pct. in 2023**, datorita in principal predarii de discipline/cursuri noi în planul de învăţământ si elaborarii mai multor manuale universitare.
Total 2021-2025: 961,65

Criteriul 2. Activitatea de cercetare științifică

Medie anuala de 4767,95 pct., cu valoare maximă de **6846,29 pct. în 2025**, datorită granturilor internaționale coordonate, a numărului mare de articole WoS Q1/2 cu factor mare de impact, dar și a numărului mare de citări WoS (peste 1000).
Total 2021-2025: 23.839,73

Criteriul 3. Recunoaşterea naţională şi internaţională

Medie anuala de 549,40 pct., cu valoare maximă de **937 pct. în 2024**, datorată la 2 titluri de Dr.H.c. in strainatate, activitate ca referent ştiinţific / expert naţional şi international, si incheierea de acorduri Erasmus+.
Total 2021-2025: 2747

Criteriul 4. Activitatea cu studenţii

Medie anuala de 21,40 pct., cu valoare maximă de **42 pct. în 2024**, datorată in principal conducerii de teze de doctorat.
Total 2021-2025: 107

Criteriul 5. Activitatea în comunitatea academică

Medie anuala de 36,80 pct., cu valoare maximă de **44 pct. în 2021-2022**, datorată activitatii in comisii la nivel de universitate si participarii la evenimente de diseminare la nivelul universității.
Total 2021-2025: 184

Medie generală totală pe perioada 2021-2025: 5.567,88
Total general 2021-2025: 27.839,38 pct.

Semnătura
Data 15.10.2026 Ciobanu Romeo Cristian

Grila de evaluare - Prof. dr. ing. Ciobanu Romeo Cristian

	2021	2022	2023	2024	2025	Total criterii
C1	268.21	239.09	284.52	58.09	111.74	961.65
C2	3061.79	3570.18	4611.76	5749.71	6846.29	23839.73
C3	241	421	466	937	682	2747
C4	15	15	18	42	17	107
C5	44	44	39	33	24	184
	3630	4289.27	5419.28	6819.8	7681.03	27839.38

Punctaj final	**5567.88**	5567.88

C1 = Activitatea didactică
C2 = Activitatea de cercetare științifică
C3 = Recunoașterea națională și internațională
C4 = Activitatea cu studenții
C5 = Activitatea în comunitatea academică

Data: .....

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAŞI

FACULTATEA DE INGINERIE ELECTRICĂ, ENERGETICĂ ŞI INFORMATICĂ APLICATĂ

DEPARTAMENTUL DE MĂSURĂRI ELECTRICE ŞI MATERIALE ELECTROTEHNICE

FIŞA DE VERIFICARE - STANDARDE NATIONALE PROFESOR

1	Activitatea didactică și profesională (A1)	**783.91**
2	Activitatea de cercetare (A2)	**4.190,10**
3	Recunoașterea și impactul activității (A3)	**3.564**
Total		**8.568,01**

Structura activității candidatului										Condiții minimale
Nr.crt.	Domeniul activității	Tipul activităților		Categorii și restricții		Subcategorii și restricții		Indicatori(k_ip)	**Realizari**	Profesor universitar
1	Activitatea didactică și profesională (A1)	1.1	Cărți și capitole în cărți de specialitate cu ISBN, ca autor	1.1.1	Minimum 4, din care 1 ca prim autor	1.1.1.1	internaționale	nr. pagini/ (2 * nr. autori)	5 buc. **366,12**	Minimum 100 puncte
						1.1.1.2	naționale	nr. pagini/ (5 * nr. autori)	24 buc. 5 prim autor **296.33**	
		1.2	Suport didactic	1.2.1	Manuale și/sau suport de curs, inclusiv electronic	Minimum 2, din care 1 ca prim autor		nr. pagini/ (7 * nr. autori)	6 Curs 2 prim autor **88.09**	
				1.2.2	Îndrumare de laborator/aplic	Minimum 2, din care 1 ca prim autor		nr. pagini/ (10 * nr. autori)	5 Lab.	

					ații, inclusiv electronic				2 prim autor **33.37**	
2	Activitatea de cercetare (A2)	2.1	Articole in extenso în reviste indexate WOS / IEEE Xplore, în volume conference proceedings indexate WOS / IEEE Xplore și brevete de invenție indexate WOS-Derwent	2.1.1	Minimum 10, din care minimum 4 articole ca prim-autor si minimum 5 articole în reviste cu factor de impact*(1) pentru care suma factorilor de impact este mai mare sau egală cu 3	din care, 5 articole reprezentative în domeniul de specialitate, ca autor principal*(3), selectate de către candidat		(25 + 20 * factor impact*(1)) / nr. autori	**169 buc.** **45 prim autor** **2830.75** **5 articole in 'Polymers' - Q1** FI = 4.9 x 5 = **24.5**	Minimum 300 puncte
		2.2	Articole in extenso în reviste și/sau în volume ale unor manifestări științifice indexate în alte baze de date internaționale (BDI*(2))	2.2.1	Minimum 20 articole			20 / nr. autori	**45 buc.** **229.35**	
		2.3	Granturi de cercetare câștigate prin	2.3.1	Minimum 2:- un grant de cercetare de	2.3.1.1	internaționale	20 * nr. ani de desfășurare	**14 internationale**	

			competiție națională/ internațională, în calitate de Director proiect sau Responsabil partener proiect, finalizate la data raportării		minim 2 ani;- un grant de cercetare de minim 1 an, care poate fi echivalat cu un contract de cercetare, câștigat prin competiție, cu un beneficiar din industrie, în domeniul de specialitate, cu valoare echivalentă de minimum 10000 Euro (fără TVA) și durata de minim 1 an.				41 ani **820**	
						2.3.1.2	naționale	10*nr. ani de desfășurare	**12 nationale** 31 ani **310**	
3	Recunoașterea și impactul activității (A3)	3.1	Citări*(4) în articole indexate WOS respectiv BDI*(2)	3.1.1	Minimum 75	Punctaj unic pentru fiecare citare		2	**1782 citari din care 1162 WoS** **3.564**	Minimum 150 puncte
Total									**8.568,01**	Minimum 550 puncte

15.10.2026 Ciobanu Romeo Cristian

LISTA DE LUCRARI

A - PRIMELE 100 DE LUCRĂRI DIN PAGINA GOOGLE SCHOLAR, ÎN ORDINEA DESCRESCĂTOARE A CITĂRILOR

HTTPS://SCHOLAR.GOOGLE.COM/CITATIONS?HL=EN&USER=ESHGDKWAAAAJ

NR. / TITLU	NR. CITARI	AN APARITIE
1. Electrodegradation of tetracycline on BDD anode CI Brinzila, MJ Pacheco, L Ciríaco, **RC Ciobanu**, A Lopes Chemical Engineering Journal 209, 54-61	137	2012
2. Terahertz spectroscopy and imaging: a cutting-edge method for diagnosing digestive cancers M Danciu, T Alexa-Stratulat, C Stefanescu, G Dodi, BI Tamba, CT Mihai, **RC Ciobanu** Materials 12 (9), 1519	110	2019
3. Design of a hybrid carbon fibre/carbon nanotube composite for enhanced lightning strike resistance X Ma, F Scarpa, HX Peng, G Allegri, J Yuan, **RC Ciobanu** Aerospace Science and Technology 47, 367-377	79	2015
4. Polymerization of pyrrole derivatives on polyacrylonitrile matrix, FTIR–ATR and dielectric spectroscopic characterization of composite thin films S Cetiner, H Karakas, **RC Ciobanu**, M Olariu, NU Kaya, C Unsal, ... Synthetic Metals 160 (11-12), 1189-1196	78	2010
5. Adhesive joining technologies activated by electro-magnetic external trims E Verna, I Cannavaro, V Brunella, EG Koricho, G Belingardi, D Roncato, **RC Ciobanu** International Journal of Adhesion and Adhesives 46, 21-25	44	2013
6. Space charge evolution in oil-paper insulation for DC cables application **RC Ciobanu**, C Schreiner, W Pfeiffer, B Baraboi Proceedings of 2002 IEEE 14th International Conference on Dielectric Liquids …	40	2002
7. Development of a thermal simulation and testing model for a superior lithium-ion-polymer battery A Pruteanu, BV Florean, GM Moraru, **RC Ciobanu** 2012 13th International Conference on Optimization of Electrical and …	37	2012
8. Modified lignin effectiveness as compatibilizer for PET/LDPE blends containing secondary materials S Aradoaei, R Darie, G Constantinescu, M Olariu, **RC Ciobanu** Journal of Non-Crystalline Solids 356 (11-17), 768-771	33	2010
9. Dielectric properties of chiral honeycombs–Modelling and experiment P Kopyt, R Damian, M Celuch, **RC Ciobanu** Composites Science and Technology 70 (7), 1080-1088	31	2010
10. Recovery of electronic wastes as fillers for electromagnetic shielding in building components: An LCA study AD La Rosa, SA Grammatikos, GA Ursan, S Aradoaei, J Summerscales, **RC Ciobanu** Journal of Cleaner Production 280, 124593	28	2021

11. Thermal and electrical behaviour of some hybrid polyimide films containing barium and titanium oxides C Hamciuc, E Hamciuc, M Olariu, **RC Ciobanu** Polymer international 59 (5), 668-675	28	2010
12. Composite materials based on iron oxide nanoparticles and polyurethane for improving the quality of MRI LM Gradinaru, M Barbalata Mandru, M Drobota, M Aflori, M Butnaru, **RC Ciobanu** Polymers 13 (24), 4316	26	2021
13. Electromagnetic characterization of chiral auxetic metamaterials for EMC applications **RC Ciobanu**, R Damian, I Casian-Botez Computer Standards & Interfaces 32 (3), 101-109	24	2010
14. Preparation and characterization of electrospun magnetic poly (ether urethane) nanocomposite mats: Relationships between the viscosity of the polymer solutions and the … LM Gradinaru, M Bercea, S Vlad, MB Mandru, M Drobota, M Aflori, **RC Ciobanu** Polymer 256, 125186	17	2022
15. Composite materials based on gelatin and iron oxide nanoparticles for MRI accuracy M Drobota, S Vlad, LM Gradinaru, A Bargan, I Radu, M Butnaru, **RC Ciobanu** Materials 15 (10), 3479	17	2022
16. Improving fracture toughness of tetrafunctional epoxy with functionalized 2D molybdenum disulfide nanosheets M Sahu, L Narasimhan, AM Raichur, A Sover, **RC Ciobanu**, N Lucanu Polymers 13 (24), 4440	17	2021
17. Polypyrrole/polyacrylonitrile composite films: Dielectric, spectrophotometric and morphologic characterization S Cetiner, M Olariu, **RC Ciobanu**, H Karakas, F Kalaoglu, A Sezai Sarac Fibers and Polymers 11, 843-850	17	2010
18. Air quality and pollution mapping system, using remote measurements and GPS technology C Schreiner, M Branzila, A Trandabat, **RC Ciobanu** Global NEST Journal 8 (3), 315-323	15	2006
19. Charge packet evolution in paper-oil insulation and derived technological considerations **RC Ciobanu**, W Pfeiffer, C Schreiner Proceedings of the 7th International Conference on Properties and …	15	2003
20. Identification of pilot nodes for secondary voltage control using K-means clustering algorithm G Grigoras, BC Neagu, F Scarlatache, **RC Ciobanu** 2017 IEEE 26th International Symposium on Industrial Electronics (ISIE), 106-110	14	2017
21. Optical, Structural, and Dielectric Properties of Composites Based on Thermoplastic Polymers of the Polyolefin and Polyurethane Type and $BaTiO_3$ Nanoparticles M Baibarac, A Nila, I Smaranda, M Stroe, L Stingescu, M Cristea, **RC Ciobanu** Materials 14 (4), 753	13	2021
22. Design and simulations of IDC sensor using comsol multyphysics and dielectric spectroscopy of LTCC spectroscopy of ltcc materials materials materials N Zoric, A Iavorschi, M Sireteanu, G Viziteu, **RC Ciobanu** buletinul agir 3 (3), 63-69	13	2013

23. Balancing-compensation system for the vertically moving elements of the machine tools with numerical control G Stan, **RC Ciobanu**, A Pal Meccanica 46, 755-769	11	2011
24. Space charge evolution in thermally aged cellulose materials **RC Ciobanu**, I Prisecaru, C Schreiner Proceedings of the 2004 IEEE International Conference on Solid Dielectrics …	10	2004
25. Intrathecal pseudodelivery of drugs in the therapy of neurodegenerative diseases: rationale, basis and potential applications MG Manuel, BI Tamba, M Leclere, M Mabrouk, TG Schreiner, **RC Ciobanu** Pharmaceutics 15 (3), 768	9	2023
26. Use of fourier-transform infrared spectroscopy for DNA identification on recycled PET composite substrate G Dodi, D Popescu, FD Cojocaru, M Aradoaei, **RC Ciobanu**, CT Mihai Applied Sciences 12 (9), 4371	9	2022
27. Patterns discovery of load curves characteristics using clustering based data mining B Neagu, G Grigoraş, F Scarlatache, C Schreiner, **RC Ciobanu** 2017 11th IEEE International Conference on Compatibility, Power Electronics …	9	2017
28. Influences of Dispersions' Shapes and Processing in Magnetic Field on Thermal Conductibility of PDMS–Fe_3O_4 Composites V Stancu, A Galatanu, M Enculescu, M Onea, B Popescu, P Palade, **RC Ciobanu** Materials 14 (13), 3696	8	2021
29. Optical dispersion characteristics of polyvinyl alcohol reinforced with a nanoceramic filler AI Barzic, M Soroceanu, R Rotaru, V Harabagiu, **RC Ciobanu** Mater Plast 57 (1), 1-7	8	2020
30. Dielectric and electromagnetic behavior of conductive nanocomposites polymers Ş Ursache, **RC Ciobanu**, V Scarlatache, A Niagu Advanced Engineering Forum 8, 353-360	8	2013
31. Electrochemical degradation of pharmaceutical compounds as tetracycline in aqueous solution with BDD electrode C Brinzila, L Ciríaco, MJ Pacheco, A Lopes, **RC Ciobanu** Advanced Engineering Forum 8, 370-378	8	2013
32. Effect of experimental parameters on crystal violet mineralization by Electro-Fenton processes. CI Briînzilă, **RC Ciobanu**, E Brillas Environmental Engineering & Management Journal (EEMJ) 11 (3)	8	2012
33. EMC tests and properties vs. microstructure for auxetic materials R Damian, **RC Ciobanu**, C Schreiner 15th IMEKO TC4 Symposium on Novelties in Electrical Measurements and …	8	2007
34. Influence of mineral content on the behaviour of electrical papers under high-frequency partial discharges **RC Ciobanu**, W Pfeiffer, R Plessow European transactions on electrical power 9 (3), 193-197	8	1999
35. The influence of the ceramic nanoparticles on the thermoplastic polymers matrix: Their structural, optical, and conductive properties I Smaranda, A Nila, P Ganea, M Daescu, I Zgura, **RC Ciobanu**	7	2021

Polymers 13 (16), 2773

36. PEA measurements upon cellulose materials submitted to gamma radiation — 7 — 2004
RC Ciobanu, I Prisecaru, S Aradoaei
Proceedings of the 2004 IEEE International Conference on Solid Dielectrics …

37. Chemical recycling of fully recyclable bio-epoxy matrices and reuse strategies: a cradle-to-cradle approach — 6 — 2023
L Saitta, G Rizzo, C Tosto, G Cicala, I Blanco, E Pergolizzi, **RC Ciobanu**
Polymers 15 (13), 2809

38. Three-Dimensional Printable Flexible Piezoelectric Composites with Energy Harvesting Features — 6 — 2023
M Aradoaei, **RC Ciobanu**, C Schreiner, M Paulet, AR Caramitu, J Pintea
Polymers 15 (11), 2548

39. Characteristics of Composite Materials of the Type: TPU/PP/$BaTiO_3$ Powder for 3D Printing Applications — 6 — 2022
RC Ciobanu, C Schreiner, M Aradoaei, GE Hitruc, BG Rusu, M Aflori
Polymers 15 (1), 73

40. Feasibility of producing core-shell filaments through fused filament fabrication — 6 — 2021
A Sover, V Ermolai, AM Raichur, **RC Ciobanu**, M Aradoaei, N Lucanu
Polymers 13 (23), 4253

41. High frequency electromagnetic energy phenomena in chiral dielectric structures with distributed and localized conductive insertions — 6 — 2019
RC Ciobanu, C Schreiner, R Damian
Composites Part B: Engineering 160, 241-248

42. Thermal study of a superior lithium-ion polymer battery — 6 — 2012
A Pruteanu, VA Scarlatache, **RC Ciobanu**, G Viziteu
World Energy System Conference–WESC

43. Stability considerations and efficient computing in chiral materials electromagnetic simulations — 6 — 2007
R Damian, **RC Ciobanu**, M Brînzilă, M Olariu
15th IMEKO TC4 Symposium on Novelties in Electrical Measurements and …

44. Flexible Electromagnetic Shielding Nano-Composites Based on Silicon and $NiFe_2O_4$ Powders — 5 — 2023
AR Caramitu, **RC Ciobanu**, I Ion, CM Schreiner, M Aradoaei, V Tsakiris
Polymers 15 (11), 2447

45. In vitro evaluation of novel functionalized nanoparticles for terahertz imaging — 5 — 2019
CT Mihai, A Luca, M Danciu, T Alexa-Stratulat, **RC Ciobanu**, BI Tamba
The Medical-Surgical Journal 123 (1), 139-146

46. Mechanical and morphostructural characteristics of composite materials performed by recycling mixed waste of plastic and paper — 5 — 2019
RC Ciobanu, G Batrinescu, GA Ursan, AR Caramitu, V Marinescu
MATERIALE PLASTICE 56 (3), 475-478

47. Influence of hybrid energy systems on micro-grids control — 5 — 2017
F Scarlatache, G Grigoraş, B Neagu, C Schreiner, **RC Ciobanu**
2017 11th IEEE International Conference on Compatibility, Power Electronics …

48. LTCC-based ceramic microsystems with integrated fluidic elements and sensors — 5 — 2016

D Belavič, M Hodnik, M Santo, PF Bolado, H Uršič, A Bradeško, B Malič, **RC Ciobanu**
2016 International Conference and Exposition on Electrical and Power …

49. Sensors in LTCC-technology with embedded microfluidic features, for medical applications — 5 — 2015
RC Ciobanu, C Schreiner, V Drug, T Schreiner, D Antal
2015 IEEE International Symposium on Medical Measurements and Applications …

50. Decontamination of synthetic wastewater containing pharmaceutical contaminants by anodic oxidation with boron-doped diamond (BDD) electrode — 5 — 2014
CI Brînzilă, MJ Pacheco, L Ciríaco, **RC Ciobanu**, A Lopes
Environmental Engineering & Management Journal (EEMJ) 13 (9)

51. Green materials derived from renewable resource for electrical applications — 5 — 2013
S Aradoaei, **RC Ciobanu**, R Darie, T Zaharescu, A Caramitu
Mater. Plast 50 (4), 310-313

52. Magnetic and dielectric losses of a nanocomposites polymer matrix reinforced with ferromagnetic powders — 5 — 2012
VA Scarlatache, M Olariu, S Ursache, **RC Ciobanu**, M Pasquale
2012 International Conference and Exposition on Electrical and Power …

53. The influence of frequency and temperature upon dielectric behavior of polypropylene reinforced with multi-walled carbon nanotubes (MWCNTs) — 5 — 2012
M Olariu, VA Scarlatache, A Niagu, S Ursache, **RC Ciobanu**
2012 13th International Conference on Optimization of Electrical and …

54. Breaking Nyquist criteria using alias frequencies interpretation — 5 — 2005
C Donciu, C Temneanu, **RC Ciobanu**
IEEE Symposium on Virtual Environments, Human-Computer Interfaces and …

55. Technological analysis via dielectric spectroscopy of materials containing recycled PET and wood derivates — 5 — 2004
S Aradoaei, **RC Ciobanu**, A Trandabat, G Constantinescu
Proceedings of the 2004 IEEE International Conference on Solid Dielectrics …

56. Recycled Polypropylene/Strontium Ferrite Polymer Composite Materials with Electromagnetic Shielding Properties — 4 — 2024
AR Caramitu, MV Lungu, **RC Ciobanu**, I Ion, M Marin, V Marinescu, ...
Polymers 16 (8), 1129

57. Optical and Structural Properties of Composites Based on Poly(urethane) and TiO_2 Nanowires — 4 — 2023
M Stroe, T Burlanescu, M Paraschiv, A Lőrinczi, E Matei, **RC Ciobanu**
Materials 16 (4), 1742

58. Exploring the Surface Potential of Recycled Polyethylene Terephthalate Composite Supports on the Collagen Contamination Level — 4 — 2023
EL Epure, FD Cojocaru, M Aradoaei, **RC Ciobanu**, G Dodi
Polymers 15 (3), 776

59. Aided decision making for hybrid energy systems planning in micro-grids — 4 — 2018
F Scarlatache, G Grigoras, BC Neagu, **RC Ciobanu**
2018 Smart City Symposium Prague (SCSP), 1-5

60. A Fuzzy Approach Regarding the Optimization of Statistical Process Control through Shewhart Control Charts — 4 — 2010
AM Spiridonică, M Pislaru, **RC Ciobanu**

Development and Application Systems, 29

61. Efficiency And Convergence Of The Wave Concept Iterative Procedure. 4 2009
RF Damian, **RC Ciobanu**, I Casian-Botez
ECMS, 784-790

62. A theoretical approach to the PD phenomena in composite dielectrics 4 1997
RC Ciobanu, W Pfeiffer, E Poppel
Cellulose Chemistry and Technology 30 (5), 624-627

63. The influence of electrotechnical papers technology on their specific partial discharges inception electric field 4 1996
RC Ciobanu, W Pfieffer
Seventh International Conference on Dielectric Materials, Measurements and …

64. Special Packaging Materials from Recycled PET and Metallic Nano-Powders 3 2023
RC Ciobanu, M Aradoaei, AR Caramitu, I Ion, CM Schreiner, V Tsakiris, ...
Polymers 15 (15), 3161

65. The development and study of some composite membranes based on polyurethanes and iron oxide nanoparticles 3 2022
LM Gradinaru, S Vlad, **RC Ciobanu**
Membranes 12 (11), 1127

66. Liquid biopsy and dielectrophoretic analysis—complementary methods in skin cancer monitoring 3 2022
TG Schreiner, I Turcan, MA Olariu, **RC Ciobanu**, M Adam
Applied Sciences 12 (7), 3366

67. Polyurethane composites based on iron oxide nanoparticles as precursor in MRI 3 2021
LM Gradinaru, S Vlad, M Barbalata-Mandru, M Drobota, M Spiridon, **RC Ciobanu**
2021 International Conference on e-Health and Bioengineering (EHB), 1-4

68. Dielectric properties and electromagnetic behaviour of Pan/Nmpy conductive composites 3 2013
S Ursache, RC Ciobanu, M Olariu, A Neamtu
Int. J. Inf. Electron. Eng 3, 428-431

69. Dielectric properties characterization of conductive polymeric materials at temperature and frequency variation 3 2010
VA Scarlatache, M Ursan, **RC Ciobanu**
2010 12th International Conference on Optimization of Electrical and …

70. Using gps technology and distributed measurement system for air quality maping of rezidential area 3 2007
A Trandabat, M Branzila, C Donciu, **RC Ciobanu**
Environmental Engineering and Management Journal 6 (6), 545-548

71. Minimal fuzzy logic controller, design considerations and potential applications 3 2005
C Temneanu, C Donciu, **RC Ciobanu**, C Schreiner
CIMSA. 2005 IEEE International Conference on Computational Intelligence for …

72. Space charge phenomena interpretation towards accounting for materials structure or quality of the applied technology 3 2001
RC Ciobanu, W Pfeiffer, C Schreiner, O Postolache
Proc. of IEEE IMEKO TC4, Lisbon, Portugal, 323-326

73. Contributions to the obtainment of papers with addition of chemical (organic, mineral) fibers. IV, Dielectric characteristics of nonwovens obtained from cellulose, viscose and … 3 1989

E Poppel, D Boutros, **RC Ciobanu**
Cellulose chemistry and technology 23 (6), 761-770

74. Sustainability of the Technology for Obtaining Thermoplastic Building Materials from Non-Recyclable Mixed Plastic–Paper Packaging Waste — 2 — 2024
RC Ciobanu, C Schreiner, AR Caramitu, S Aradoaei, M Aradoaei
Sustainability 16 (8), 3430

75. Thermoplastic Electromagnetic Shielding Materials from the Integral Recycling of Waste from Electronic Equipment — 2 — 2023
M Aradoaei, **RC Ciobanu**, C Schreiner, AG Ursan, EG Hitruc, M Aflori
Polymers 15 (19), 3859

76. Simulation of Dielectric Properties of Nanocomposites with Non-Uniform Filler Distribution — 2 — 2023
RC Ciobanu, RF Damian, CM Schreiner, M Aradoaei, A Sover, ...
Polymers 15 (7), 1636

77. The Use Of Laser Technology For Recycling Hybrid Electronic Waste — 2 — 2022
A Sover, M Zink, T Vogel, **RC Ciobanu**
2022 International Conference and Exposition on Electrical And Power …

78. Nanoporous Membranes for the Filtration of Proteins from Biological Fluids: Biocompatibility Tests on Cell Cultures and Suggested Applications for the Treatment of Alzheimer's … — 2 — 2022
TG Schreiner, BI Tamba, CT Mihai, A Lőrinczi, M Baibarac, **RC Ciobanu**
Journal of Clinical Medicine 11 (19), 5846

79. Specific Tests Concerning Microwave Sterilization Efficiency of Combined Plastic and Paper Waste — 2 — 2018
RC Ciobanu, GA Ursan, M Aradoaei, G Batrinescu, AR Banciu
2018 International Conference and Exposition on Electrical And Power …

80. Pb (Mg, Nb) O3–PbTiO3 thick films on metalized low-temperature co-fired ceramic substrates — 2 — 2017
H Uršič, A Bencan, E Khomyakova, S Drnovsek, IF Mercioniu, **RC Ciobanu**
Informacije MIDEM 47 (2), 71-78

81. Dielectric spectroscopy of biological tissues with targeted Fe_2O_3 drug delivery systems in support of RF/MW-hyperthermal control — 2 — 2014
RC Ciobanu, C Schreiner
2014 IEEE International Symposium On Medical Measurements And Applications …

82. Multi-walled carbon nanotube effect on dielectric properties of polymer matrices — 2 — 2011
VA Scarlatache, **RC Ciobanu**, M Pasquale, A Pruteanu
Buletinul AGIR Inginerie Electrica si Convertoare Energetice, An XVI, nr. 4 …

83. Localized thermal effects in electromagnetic shielding applications of auxetic materials — 2 — 2008
RF Damian, **RC Ciobanu**, V David
EUROEM

84. Evaluation of magnetron sputtered TiAlSiN-based thin films as protective coatings for tool steel surfaces — 1 — 2024
MV Lungu, D Tălpeanu, **RC Ciobanu**, A Cojocaru, D Pătroi, V Marinescu, ...
Coatings 14 (9), 1184

85. Polymeric Protective Films as Anticorrosive Coatings—Environmental Evaluation — 1 — 2024
AR Caramitu, **RC Ciobanu**, MV Lungu, EM Lungulescu, CM Scheiner, ...

Polymers 16 (15), 2192

86. Composite Paints with High Content of Metallic Microparticles for Electromagnetic Shielding Purposes — 1 — 2024
RC Ciobanu, M Aradoaei, AR Caramitu, MV Lungu, OD Schreiner, I Ion
Coatings 14 (7), 874

87. Statistical Analysis of Gastric Cancer Cells Response to Broadband Terahertz Radiation with and without Contrast Nanoparticles — 1 — 2024
OD Schreiner, D Socotar, **RC Ciobanu**, TG Schreiner, BI Tamba
Cancers 16 (13), 2454

88. Manufacturing of TiO_2, Al_2O_3 and Y_2O_3 Ceramic Nanotubes for Application as Electrodes for Printable Electrochemical Sensors — 1 — 2024
AF Trandabat, **RC Ciobanu**, OD Schreiner, M Aradoaei, ST Aradoaei
Crystals 14 (5), 454

89. Spinal Cord Injury Management Based on Microglia-Targeting Therapies — 1 — 2024
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22. Dielectric and electromagnetic behavior of conductive nanocomposites polymers: PP/MWCNT investigations for EMI applications
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Annual Conference on Electrical Insulation and Dielectric Phenomena 2007
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38. Broadband Partial Discharges Technique and Application in the field of cable paper insulation
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53. Distributed measurement systems, internet and artificial intelligence: An integral part of the management and the industrial technology of the future

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FIŞA DE VERIFICARE
a îndeplinirii standardelor universităţii - SMU.PROF.1 – Activitatea didactică

Prof.dr.ing. Romeo Cristian Ciobanu

Standardul minimal al universităţii SMU.PROF.1 – Activitatea didactică	Indicatori de performanţă [1]			Punctaj[2]	Număr impus de realizări[3]	**Realizari**	**Punctaj**
Valoarea contribuţiilor la dezvoltarea activităţilor didactice/ profesionale, cu referire distinctă la realizările după acordarea ultimului titlu didactic/grad profesional prin cărţi publicate în edituri recunoscute, capitole teoretice redactate, sisteme de laborator funcţionale, metode de lucru avansate aplicate etc. - după caz.	Ca	Carte/ curs/ manual publicată în străinătate		8×	-	5	58.56
		Capitol carte/ curs/ manual publicat în străinătate		6×	-	-	
		Carte/ curs/ manual publicată în editură cu ISBN sau e-ISBN (unic/ prim autor sau co-autor)		5×	1+	21	69.85
		Capitol curs/ manual publicat în editură cu ISBN sau e-ISBN		3×	-	2	2
	I	Îndrumar/ culegere de probleme (publicat sau disponibil pe Web)		4×	1	3	11.41
	D	Sisteme de laborator funcţionale (numai pentru disciplinele prevăzute cu lucrări de laborator)	Amenajare lucrare nouă de laborator cu instalaţie experimentală	2	2	3	6
			Amenajare/ concepere lucrare nouă de laborator/ proiect/ simulare pe calculator/ studiu de caz	1.5		5	7.5
	W	Utilizarea sistemelor de predare/ învăţare/ evaluare de tip e-learning/ on-line/ multimedia etc. [4]	Suport de studiu/ autoinstruire pe Web pentru seminar, laborator, proiect (integral pentru o disciplină)	1×	1	1**	1
			Suport de prezentare/ instruire text/ video/ audio/ ppt a disciplinei	1		-	

Punctaj total: 156.32

** https://drive.google.com/drive/folders/1G31thFJ85AQyCj-TiPdW355kbgA3udUp

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