

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI
FACULTATEA DE INGINERIE ELECTRICĂ, ENERGETICĂ ȘI INFORMATICĂ APLICATĂ
DEPARTAMENTUL DE ENERGETICĂ

Examen de promovare pentru ocuparea postului de **profesor universitar**, poz. 6

Disciplinele postului: Transportul și distribuția energiei electrice I

Transportul și distribuția energiei electrice II

FIȘA DE VERIFICARE
a îndeplinirii standardelor minime naționale de prezentare la examenul de promovare pe postul de
profesor universitar

Candidat: : **Neagu Bogdan-Constantin** / Data nașterii: [REDACTED], 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: Conditii minime / punctaje obtinute (in conformitate cu Domeniul CNATDCU Inginerie Energetică)

Conditii minime			
Nr crt.	Domeniul de activitate	Conditii Conferențiar	Punctaj obtinut
1	Activitate didactica/profesionala (A1)	120	740.41
2	Activitate de cercetare (A2)	360	1953.64
3	Recunoaster ea si impactul activitatii (A3)	120	5830.87
TOTAL (puncte)		600	8524.92

Data:
12.01.2026

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

[REDACTED]

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 4 (1 p.a.)	1.1.1.1 internațional e	nr. pagini/(2*nr. autori)	3 carti 12 capitole (6 p.a.)	188.49
				1.1.1.2 naționale	nr. pagini/(5*nr. autori)	7 cărți (1 p.a.)	326.92
			1.1.2 Cărți/ capitole de cărți ca editor/coordonator	1.1.2.1 internațional e	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 2		nr. pagini/(10*nr. autori)	1 manuale (1 p.a.) 4 suporturi de curs	159.6
			1.2.2 Îndrumare de laborator /aplicații; minim 2 (1 p.a.)		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					740.41
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	Minimum 10 articole, din care minimum 4 în reviste		(25+20*factor impact)/nr. de autori	103 (din care 40 în reviste)	1140.98
		2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale	Minimum 20 articole		20/nr. de autori	101 (din care 48 în reviste)	666.66
		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 2	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 echipa	2.4.2.1 internaționale	4*ani de desfășurare	7	

				2.4.2.2 naționale	2*ani de desfășurare	9	
		2.5 Contracte de cercetare/consul tanță (valoare echivalentă de minim 2 000 Euro)	2.5.1 Responsabil		5*ani de desfășurare		24
			2.5.2 Membru echipa		2*ani de desfășurare	8	
		TOTAL					1953.64
3	Recunoașt erea și impactul activității (A3)	3.1 Citări în reviste WOS și volumele conferințelor WOS		3.1.2 WOS (minim 8 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 16 citări)	3/nr. autori ai art. citat	319 citari	48.09
		3.3 Prezentări invitate în plenul unor manifestări științifice naționale și internationale și Profesor invitat (exclusiv POS, ERASMUS)	Punctaj unic pentru fiecare activitate	3.3.1 internațional e	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 internationale (punctajul se acorda pentru fiecare, revistă, manifestare științifică și recenzie)		3.4.1 ISI	10		5130
				3.4.2 BDI	6		
				3.4.3 naționale și internațional e neindexate	3		
		3.5 Referent în comisii de doctorat		3.5.1 internațional e	10		0
				3.5.2 naționale	5		10
		3.6 Premii		Academia Romana	30		0
				ASAS, AOSR, academii de ramura și CNCS	15	10	150
				premii internaționale	10		0
				premii naționale în domeniu	5		0
		3.7 Membru în academii, organizații,	3.7.1 Academia Romana		100		0
			3.7.2 ASAS, AOSR și academii de ramură		30		0

		asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	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					5830.87

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	6.5	Grigoras, G., Bogdan-Constantin Neagu , (2026). <i>Data Mining-Based Approaches in the Power Quality Analysis</i> . In Explainable Artificial Intelligence for Trustworthy Decisions in Smart Applications (pp. 257-282). Cham: Springer International Publishing, ISBN: 978-3-031-97007-8	26
2.	International	4.33	Grigoras, G., Bogdan-Constantin Neagu , Scarlatache, F. (2023). <i>Data Mining-Based Approaches in the Power Quality Analysis</i> . In Smart Grid 3.0: Computational and Communication Technologies (pp. 93-119). Cham: Springer International Publishing, ISBN: 978-3-031-38506-3	26
3.	International	3.33	Bogdan-Constantin Neagu , Grigoras, G., Scarlatache, F. (2023). <i>Engineering Applications of Blockchain Based Crowdsourcing Concept in Active Distribution Grids</i> . In Smart Grid 3.0: Computational and Communication Technologies (pp. 57-76). Cham: Springer International Publishing. ISBN: 978-3-031-38506-3	20
4.	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, The Institution of Engineering and Technology, London, United Kingdom, ISBN: 978-1-83953-808-7	34
5.	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
6.	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
7.	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
8.	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
9.	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

10.	International	7	Gheorghe Grigoraș, 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
11.	International	35	Mihai Gavrilaș, 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
12.	International	38	Gheorghe Grigoraș, Bogdan-Constantin Neagu , Ovidiu Ivanov, Mihai Gavrilaș, 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
13.	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
14.	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
15.	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	188.49		
16.	National	62.8	Bogdan-Constantin Neagu , <i>Structura rețelelor de transport și distribuție a energiei electrice</i> , Editura PIM, Iași, Romania, 2025, ISBN 978-606-13-9637-5.	314
17.	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
18.	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
19.	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
20.	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
21.	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
22.	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	326.92		

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, 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 Termoeenergetic</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, 2023, 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, 2023, 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 Termoeenergetic, 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.	27.000	Grigoras, Gheorghe, Bogdan Livadariu, and Bogdan-Constantin Neagu . "Data Clustering-Driven Fuzzy Inference System-Based Optimal Power Flow Analysis in Electric Networks Integrating Wind Energy." Processes 13.3 (2025): 676.	2.800
2.	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. Applied Sciences, 14(18), 8228.	2.500
3.	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. Sustainability, 16(10), 3905.	3.300
4.	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. Sensors, 23(4), 1895.	3.400
5.	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. IEEE Access, 11, 1825-1839.	3.900
6.	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. Mathematics, 11(5), 1248.	2.300
7.	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. Energies, 16(6), 2570.	3.000
8.	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. International Journal of Electrical Power & Energy Systems, 148, 108946.	5.200
9.	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. Mathematics, 11(12), 2684.	2.300
10.	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. Agronomy, 13(10), 2642.	3.300
11.	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. Computers, Materials & Continua, 77(1)	2.000
12.	17.483	Hathaliya Jigna, Hetav Modi, Rajesh Gupta, Sudeep Tanwar, Fayeze Alqahtani, Magdy Elghatwary, Bogdan-Constantin Neagu și Maria Simona Raboaca. "Stacked Model-Based Classification of Parkinson's Disease Patients Using Imaging Biomarker Data." Biosensors 12, no. 8 (2022): 579.	5.743
13.	7.684	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.	2.592
14.	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." Sensors 22, no. 14 (2022): 5160.	3.847
15.	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." Mathematics 10, no. 14 (2022): 2380.	2,592
16.	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." Mathematics 10, no. 13 (2022): 2336.	2,592
17.	9.605	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	2,592

		Models and XAI Techniques." Mathematics 10, no. 12 (2022): 1990.	
18.	12.743	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.	3,847
19.	9.605	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.	2,592
20.	16.352	Grigoraş 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
21.	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
22.	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
23.	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
24.	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
25.	11.420	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.	3,889
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2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

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101.	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	666.66	

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	Platformă software inovativă pentru managementul energetic al consumatorilor finali în vederea creșterii eficienței energetice și a reducerii emisiilor de carbon, Grant	Director /Responsabil proiect	49990	10891

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
			<i>PN-III-P2-2.1-CI-2018-1017, Contract nr. 174CI din 04/07/2018</i>			
2.	National	1 x 10 = 10	<i>Management inteligent a centralelor electrice virtuale cu ajutorul 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</i>	Director /Responsabil proiect	49750	10839
3.	International	4 x 2 = 8	<i>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</i>	Membru	48979	9796
4.	National	2 x 3 = 6	<i>Holistica impactului surselor regenerabile de energie asupra mediului și climei-HORESEC, Grant PN-III-P1-1.2-PCCDI-2017-0404 / 31PCCDI, 2018-2021</i>	Membru	5287500	1079081
5.	National	1 x 2 = 2	<i>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</i>	Membru	50000	10893
6.	International	4 x 2 = 8	<i>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</i>	Membru	492100	98420
7.	International	4 x 2 = 8	<i>COFUND-MANUNET III-STEWART 22/2018, SorTing system for dEmolition Waste based on advanced RoboTics, 2018-2020</i>	Membru	485137	97027
8.	International	4 x 2 = 8	<i>COFUND-MANUNET III-PRINTPoC 17/2018, Improving PRINTing manufacturing technologies for affordable PoC self-testing analysis systems, 2018-2020</i>	Membru	382700	76540
9.	National	1 x 2 = 2	<i>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</i>	Membru	50000	10893
10.	International	4 x 3 = 12	<i>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</i>	Membru	790350	158070
11.	International	4 x 4 = 16	<i>PN III ERA NET Contract nr. 50/2016 – Nanoterminale și arhitecturi</i>	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
			inovatoare pentru aplicații integrate 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	<i>Instrument software pentru gestiunea tranzacțiilor pe piața de energie electrica</i> , 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 integrați 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	<i>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 județelor Bacău, Botoșani, Iași, Neamț, Suceava și Vaslui, contract nr. 48734/19.12.2022, valoarea 11128 Euro, lei.</i>	Membru	55640	11130
3.	National	2 x 1 = 2	<i>Determinarea anuală și/sau trimestrială a prognozei de consum propriu tehnologic pentru rețeaua de energie electrică din zona de activitate a Delgaz Grid. S.A. pentru anul 2019 Contract nr. 1350P / 14.02.2019</i>	Membru	35000	7000
4.	National	2 x 2 = 4	<i>Determinarea anuală și/sau trimestrială a prognozei de consum propriu tehnologic pentru rețeaua de energie electrică din zona de activitate a Delgaz Grid. S.A. pentru anul 2018 Contract nr. 3105P / 14.02.2018</i>	Membru	46500	9981
5.	National	2 x 2 = 4	<i>Determinarea anuală și/sau trimestrială a prognozei de consum propriu tehnologic pentru rețeaua de energie electrică din zona de activitate a Delgaz Grid. S.A. Contract nr. 448P/15.03.2017</i>	Membru	44888	9887

6.	National	1 x 2 = 2	Prestări servicii cercetare: prelucrare MST instantanee și stabilire locații MST 1 zi, Contract nr. 12697/05.07.2017, beneficiar: Delgaz Grid S.A	Membru	9783	2000
7.	National	2 x 2 = 4	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	Membru	60000	13483
8.	National	2 x 2 = 4	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	Membru	19400 0	43654
9.	National	1 x 2 = 2	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	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." Computers, Materials & Continua 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." Agriculture 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." International Journal of Electrical Power & Energy Systems 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." Journal of Energy Storage 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." Case Studies in Thermal Engineering 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." IEEE Access (2023).	ISI		5
5	4	Seguin Batadi, Eduardo Marcelo, Maximiliano Martínez, and Marcelo Gustavo Molina. "Bayesian Entropy Methodology: A Novel Approach to Setting Anti-Islanding Protections with Enhanced Stability and Sensibility." Energies 17, no. 3 (2023): 693.	ISI		5
		Lucrarea citată	Nr. autori		
	L3	Jasim, Ali M., Basil H. Jasim, Bogdan-Constantin Neagu, and Simo Attila.	4	2.50	10

		"Electric Vehicle Battery-Connected Parallel Distribution Generators for Intelligent Demand Management in Smart Microgrids." Energies 16, no. 6 (2023): 2570.			
		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
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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
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		Lucrarea care citează	TIP		
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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/commttiees.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/commttiees.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://icnssc.com/committies.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-14zim6ja.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/auhdysrk – 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.energ.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/ijepstd/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-cciiis.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. recenzii	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	10	100
	32.	EGYR-D-25-03021 - Time-domain stability analysis of mixed generation electric power system subject to severe disturbance: Test of control parameter adjustments for increased renewable energy penetration			
	33.	EGYR-D-24-03049 - Multi-objective Optimizer for Reliability Improvement of a Distributed Energy System Under Uncertain Climatic Conditions			
	34.	EGYR-D-21-01634-Cyber-attacks and stability control of micro-grid systems; A new cooperative control method			
	35.	EGYR-D-21-01782-An Adaptive and Scalable Protection Coordination System of Overcurrent Relays in Distributed Generator Integrated Distribution Networks			
	36.	EGYR-D-21-01381-Two-stage intelligent planning with improved artificial bee colony algorithm for a microgrid by considering uncertainty of renewable resources			
	37.	EGYR-D-21-01249-Variable Parameter Practical Model of Synchronous Generator for Precise Simulation of Power System			
	38.	EGYR-D-21-00275R1-THE "VALUE" OF PEER-TO-PEER ENERGY: SOCIAL VALUE EFFECTS IN PEER-TO-PEER GREEN ENERGY INNOVATION			
	39.	EGYR-D-21-00275-THE "VALUE" OF PEER-TO-PEER ENERGY: SOCIAL VALUE EFFECTS IN PEER-TO-PEER GREEN ENERGY INNOVATION			
	40.	EGYR-D-20-00497-An improved automatic power factor controller in the RES-integrated distribution system			
	41.	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
	42.	#239 A Sliding Mode Control Strategy for Grid Connected PV/Wind/ Battery Hybrid System			

	43.	#163 Comparison of the Power Flow Analysis of the Nigerian 330 kV Transmission Network Using ETAP and PSAT			
	44.	#192 Power Quality Enhancement in Distribution System using D-STATCOM			
	45.	#232 Smart Grid and Electric Vehicle: Overview and Case Study			
6		Heliyon	ISI	3	30
	46.	HELIYON-D-21-05823 Fuzzy Logic Based Optimal Placement of Voltage Regulators and Capacitors for Distribution Systems Efficiency Improvement			
	47.	HELIYON-D-21-05823R1 Fuzzy Logic Based Optimal Placement of Voltage Regulators and Capacitors for Distribution Systems Efficiency Improvement			
	48.	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
	49.	# 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
	50.	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
	51.	25-Bearing Fault Detection For Water Pumping System Using Artificial Neural Network			
	52.	40-Coordination of phase and ground DOCR using non-conventional time curves			
	53.	48-Data-Driven Coordinated Control of AVR and PSS in Power Systems: A Deep Reinforcement Learning Method			
	54.	64-Integration of AI, IoT and Edge-Computing for Smart Microgrid Energy Management			
	55.	100-Machine learning algorithms for short-term load forecasting of national energy systems			
	56.	281-Performance Analysis of Extra High Voltage 765 kV and 400 kV Hydro Power fed Transmission Lines			
	57.	303-A Hybrid Energy Hub Investigation with Renewables and Electric Vehicle in a Smart Microgrid Lab.			
	58.	312-Quality Valuation of a Novel Dual Stator Dual Rotor U-Shaped Permanent Magnet Synchronous Generator for Nuclear Energy Extraction			
	59.	325-Agent-Based Modeling of Peer-to-Peer Energy Trading in a Smart Grid Environment			
	60.	330-Unsupervised Learning Methods for Voltage Regulation in Smart Grids			
	61.	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
	62.	9 - Optimal Power Flow with Three Objective Functions using Improved Differential Evolution Algorithm: Case Study IEEE 57-bus power system Download			
	63.	25 - STATE OF THE ART OF HYBRID AC-DC MEDIUM VOLTAGE GRIDS			
	64.	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
	65.	COMPELECENG-D-21-01701 - ETA-SPORTS: An energy and temperature aware semi-partitioned real-time scheduler for heterogeneous multicore platforms			
	66.	COMPELECENG-D-21-00867 - Novel Axial Flux Machine Topology Assessment and Feasible Applications in Electric Vehicles and Wind Energy Conversion Systems			

	67.	COMPELECENG-D-21-01915 - Exploration and Development of TG Quantum Well Barrier FinFET with Strained HOI Nanosystem Channel for Enhanced Performance			
	68.	COMPELECENG-D-21-01480 - A Frequency Controlled Novel Resonant Converter For Constant Current, Constant Voltage, and Constant Power Applications			
	69.	COMPELECENG-D-21-00673 - System Security Enhancement Using Hybrid HUA-GPC Approach under Transmission Line(s) and/or Generator(s) Outage Conditions			
	70.	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
	71.	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
	72.	30 - Analysis of the Power Demand in Romania during the COVID-19 Pandemic			
	73.	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
	74.	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			
	75.	81 - Pham Duc Dai. Optimal Placement and Regulation of Pressure Reducing Valves in Water Distribution Systems to Water Leakage Reduction			
	76.	104 - Profiling consumers in a water distribution network using K-Means clustering and multiple pre-processing methods			
	77.	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
	78.	195 - GRID CONNECTED MICROGRID FAULT CURRENT REDUCTION USING NON-SUPERCONDUCTING FAULT CURRENT LIMITER			
	79.	188 - Design and Implementation of an Automatic Single Axis Tracking with Water-Cooling System to Improve the Performance of Solar Photovoltaic Panel			
	80.	186 -: Optimum Design and Performance Evaluation of a Solar Panel with Automatic Sun Tracking System			
16		IEEE Transactions on Smart Grid	ISI	1	10
	81.	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	11	110
	82.	APEN-D-25-19675 - Multi-Heterogeneity-Aware Coordinated Demand Response of Electric-Vehicle Aggregators via Two-Stage Time-Discretization			
	83.	APEN-D-25-13375 - A Digital Twin Framework for Intelligent Electric Vehicle Charging Optimization in Smart Manufacturing Systems			
	84.	APEN-D-20-11911 - New Subsidy Allocation Model for Power Distribution Companies to Reduce Power Losses (Studied in Iran)			
	85.	APEN-D-22-04801 - Robust multi-objective optimization for islanded data center microgrid operations			
	86.	APEN-D-22-04801 R1 - Robust multi-objective optimization for islanded data center microgrid operations			

	87.	APEN-D-21-09040 R1- Event-triggered Distributed Voltage Regulation by Heterogeneous BESS in Low-Voltage Distribution Networks			
	88.	APEN-D-21-09040 - Event-triggered Distributed Voltage Regulation by Heterogeneous BESS in Low-Voltage Distribution Networks			
	89.	APEN-D-20-01473 - Network-constrained bidding optimization strategy for aggregators of prosumers			
	90.	APEN-D-20-01473R1 - Network-constrained bidding optimization strategy for aggregators of prosumers			
	91.	APEN-D-19-09262 - Distributed Reactive Power Optimization in Active Distribution Networks Considering Renewable Uncertainties			
	92.	APEN-D-19-09262R1 - Distributed Reactive Power Optimization in Active Distribution Networks Considering Renewable Uncertainties			
18		IEEE Acces	ISI	9	90
	93.	Access-2020-56991 - Linear Iterative Power Flow Approach Based on the Current Injection Model of Load and Generator			
	94.	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			
	95.	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			
	96.	Access-2020-46803 - Demand Response Strategy of Energy Prosumer Based on Robust Optimization through Aggregator			
	97.	Access-2020-41273 - Demand Response Strategy of Energy Prosumer Based on Robust Optimization through Aggregator			
	98.	Access-2020-29267 - Line Loss Prediction and Energy Saving Retrofit Strategy for Distribution Network Based on Entropy Weight and Fuzzy Correlation Degree			
	99.	Access-2020-54028 - "A Multi-stage Approach Combining Physics-Based Methods and Data-Driven Analysis to convert DC Power Flow to AC Power Flow			
	100.	Access-2020-47187 "Quantum-Enhanced Grid of the Future: A Primer"			
	101.	ID Access-2020-20990 entitled "Consortium Blockchain-Based Decentralized Stock Exchange Platform"			
19		International IETE Journal of Research.2020	ISI	4	40
	102.	TIJR-2020-0454.R3 Distribution System Reconfiguration through Flower Pollination Algorithm (FPA)			
	103.	TIJR-2020-0454.R2 Distribution System Reconfiguration through Flower Pollination Algorithm (FPA)			
	104.	TIJR-2020-0454.R1 Distribution System Reconfiguration through Flower Pollination Algorithm (FPA)			
	105.	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
	106.	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
	107.	Paper ID: 188 Title: Design and Economic Analysis of Solar Photovoltaic System for Rural Area of Bangladesh			
	108.	Paper ID: 167 Title: A 48V 3-Phase IM and VFD Controller Development for a Portable Vacuum Cleaner			
	109.	Paper ID: 166 Title: 3-phase IM Controlled Solar Electric Boat for Portable Irrigation and Recreational Purposes by using 300V DC/AC Drivetrain			
	110.	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			

	111.	Paper ID: 164 Title: A new control strategy for frequency stabilization of small scale power system by variable speed diesel engine-driven power plant			
	112.	Paper ID: 20348 - Review Paper on the constraints,possibility & optimization of Solar PV-Wind Hybrid System – Neacceptata			
	113.	Paper ID: Automation System with IEC 61850 https://ieeexplore.ieee.org/document/8644416/			
	114.	Paper ID: 20350 - Using Power System Stabilizer To Solve Interarea Oscillations In Power Systems – Neacceptata			
	115.	Paper ID: 20341 - Concentrated Solar Power (CSP) Dish Stirling Technology in Prospect of Energy Crisis in Bangladesh – Neacceptata			
	116.				
	117.	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
	118.	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	119.	4427- Behavior of the Proton Exchange Membrane Fuel Cell Around Critical Fuel and Air Supply Pressure			
	120.	4430-Paper Title: Multistage Synchrophasor Placement Approach for Practical Assessment of BPSN			
	121.	4339 - Application of PID and Fuzzy based Controllers for Load Frequency Control of a Single - Area and Double - Area Power Systems			
	122.	4301 - Improvement of Conversion Efficiency of CdS-CdTe Photovoltaic Cell Sandwiching Intrinsic CdTe Layer between Window and Absorber Layers			
	123.	4333 - Modified Modulated Predictive Control for a 3-Phase 2 Level PWM Rectifier			
	124.	4314 - Passive Power Factor Correction & Algorithm With Negligible Harmonics Using Variable Capacitor			
	125.	4338 - Assessment of Different Topological Integration of Solar Power Technologies in Medium Voltage Distribution Networks			
	126.	4433 - A Case Study on Efficient Grid Connected Hybrid Energy System for Rohingya Refugees			
	127.	4136 - A Review of Geothermal Energy for Future Power Generation			
	128.	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
	129.	3901 - Energy Market Concept in a Micro-Grid			
	130.	4028 - Techniques and indices for preventive maintenance optimization			
	131.	4120 - On the Cumulative Effect of Magnetic Fields in the Deviation Zones of Overhead High Voltage Power Lines			
	132.	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
	133.	TCSIT-20-RA-142 - Energy Trading Systems on Blockchain Networks			
	134.	TCSIT-20-OP-144 - Chance Constrained Optimization for Energy Management in Electric Vehicles			
	135.	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

	136.	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".			
	137.	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
	138.	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
	139.	EPSR-D-21-02259R1 - Low Voltage Customer Phase Identification Methods Based on Smart Meter Data			
	140.	EPSR-D-21-02444R1 - A New Method for Optimal Capacitor Placement in Power Systems			
	141.	EPSR-D-21-02259 - Low Voltage Customer Phase Identification Methods Based on Smart Meter Data			
	142.	EPSR-D-21-02444 - A New Method for Optimal Capacitor Placement in Power Systems			
	143.	EPSR-D-19-01832R1 - Mitigation of DGs Impact on Variable-Topology Meshed Network Protection System by Optimal Fault Current Limiters Considering Overcurrent Relay Coordination			
	144.	EPSR-D-21-02259 Title: Low Voltage Customer Phase Identification Methods Based on Smart Meter Data Electric Power Systems Research			
	145.	EPSR-D-19-02879R2 - An Incentive Mechanism Design Using CCHP-based Microgrids for Wind Power Accommodation Considering Contribution Rate			
	146.	EPSR-D-19-02879R1 - An Incentive Mechanism Design Using CCHP-based Microgrids for Wind Power Accommodation Considering Contribution Rate			
	147.	EPSR-D-19-02879 - An Incentive Mechanism Design Using CCHP-based Microgrids for Wind Power Accommodation Considering Contribution Rate			
	148.	EPSR-D-19-02875 - Double Deep Q-Learning Optimized Operation of Hybrid Energy Storage System in Island Micro-grid			
	149.	EPSR-D-19-01832 - Mitigation of DGs Impact on Variable-Topology Meshed Network Protection System by Optimal Fault Current Limiters Considering Overcurrent Relay Coordination			
	150.	EPSR-D-19-01316 - Multi-Agent Approach to Modeling and Simulation of Microgrid Operation with Vehicle-to-Grid System			
	151.	EPSR-D-19-00971R1 - Non-Steady State Electro-Thermally Coupled Weather-Dependent Power Flow Technique for a Geographically-traversed Overhead-line Capacity Improvement			
	152.	EPSR-D-19-00873 - Bi-level distributed optimization method for islanded multi-microgrids in a carbon trading market			
	153.	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
	154.	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
	155.	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
	156.	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			
	157.	Paper ID: 7874 - An analytical study on converter based frequency adjustment and protection mechanism of a grid connected wind farm model – <i>Neacceptata</i>			
	158.	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			
	159.	Paper ID: 7712 - A Proposed Algorithm for Peer-to-Peer Energy Trading Using Blockchain in Microgrid Energy Markets – <i>Neacceptata</i>			
	160.	Paper ID: 7647 – Proceblity Renewable Energy and Smart Grids – <i>Neacceptata</i>			
	161.	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
	162.	103 - Energy mileage concept for local RE using blockchain technology			
	163.	164 - Comparative study between Gaussian process regression and long short-term memory neural networks for intraday grid load forecasting			
	164.	221 - BESS Sizing in an Isolated Microgrid Including PHEVs and RERs			
	165.	232 - Optimal sizing of microgrids: on the design equivalences of different objective functions			
	166.	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
	167.	1. Intelligent Centralized High Impedance Fault Diagnosis for Motor Power Distribution Centers ID: 40			
	168.	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
	169.	579 Bidirectional Dual Active Bridge for Interfacing Battery Energy Storage Systems with DC Microgrid			
	170.	630 Standalone Microgrid: A Sustainable Option for Energy Handling			
	171.	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
	172.	#7335 - Power Quality Improvement Of Fuzzy Based Predictive Controlled APF			
	173.	#8008 - Real Time Power Quality Phenomenon for Various Distribution Feeders			
34		International Conference on Electronics, Computers and Artificial Intelligence ECAI - 2018	ISI	2	20
	174.	PAPER 65 - Artificial Intelligence Computational Basic Models and Analysis for Power Delivery Safety and Efficiency Evaluation			
	175.	PAPER 21 - Intelligent Tools and Methods in Power Delivery Quality and Efficiency Evaluation			
35		Buletinul institutului politehnic din Iasi. Secția electrotehnica. Electronica. Energetica.	BDI	5	30
	176.	A Comparative Study of Wind Turbine Generators Operating Performance. A Case Study for the Vietnamese Ninh Thuan-Grid			
	177.	An Improved Strategy Based On A Multi-Criteria Analyse To Replace Transformers In Electric Distribution Networks			

	178.	PMU Based Monitoring System Of Inter-Area Oscillation For Maghreb Power System			
	179.	Aplication Of Independent Component Analysis In Load Profile Study			
	180.	Optimal Operation Of A Trigeneneration System Designed To Supply An Electricity, Heating And Cooling Consumer			
	181.	Smart Charging Of Multiple Evs In Smart Grid Radial Low Voltage Distribution Networks			
36		2014-2018 International Conference and Exposition on Electrical and Power Engineering (EPE)	ISI	44	440
	182.	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			
	183.	EPE 2014 - 831 - Virtual Power Plants			
	184.	EPE 2014 - 839 - Impact of Storage Technologies Upon a Power System			
	185.	EPE 2014 - 807 - STRATEGY DESIGN FOR IMPROVING ENERGY EFFICIENCY			
	186.	EPE 2014 - 819 - Visual Inspection of Power Lines by U.A.S.			
	187.	EPE 2016 - 1565 - Improving The Wind Generators Availability by...			
	188.	EPE 2016 - 935 - Reactive Power Optimization in 110 kV Sub-Transmission...			
	189.	EPE 2016 - 947 - Optimal Placement of UPFC Considering both Economic and...			
	190.	EPE 2016 - 965 - Hybridization of Cuckoo Search Algorithm and Chemical...			
	191.	EPE 2016 - 1157 - A hybrid GA-PSO Algorithm for Static VAR Compensation			
	192.	EPE 2016 - 1244 - Assessment on reliability of wind turbine protection...			
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	196.	EPE 2016 - 1380 - Power quality assessment for microgrid scenarios			
	197.	EPE 2016 - 1421 - Knowledge-based decisions in smart grids			
	198.	EPE 2016 - 1427 - A Fuzzy Approach In Optimal DG Planning			
	199.	EPE 2016 - 1415 - A Fuzzy Hybrid Algorithm for RRAP in Power Distribution...			
	200.	EPE 2016 - 1397 - Issue Of Voltage Distribution Networks With Distributed...			
	201.	EPE 2016 - 1664 - Impact of photovoltaic power plants on power system losses			
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	210.	EPE 2018 - 2864 - An Improved Approach for Energy Losses Calculation in Low...			
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	217.	EPE 2018 - 2662 - Computation of the Low Frequency Magnetic Fields...			
	218.	EPE 2018 - 2481 - Influence of a highly nonlinear load on power quality in a...			
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	220.	EPE 2018 - 2870 - On the significant height for testing the electric and...			
	221.	EPE 2018 - 3430 - A Multi-Terminal HVDC Grid Topology for Offshore Wind Farms			
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	223.	EPE 2018 - 3391 - Assessment for efficient operation of smart grids using...			
	224.	EPE 2018 - 3165 - Setting the Optimal Control Variables of an UPFC Device...			
	225.	EPE 2018 - 3385 - Analysis of energy efficient solutions for electric...			
37		Energies http://www.mdpi.com/journal/energies	ISI	90	900
	226.	energies-1524957 Application of Block Sparse Bayesian Learning in Power Quality Steady-State Data Compression			
	227.	energies-1524957R1 Application of Block Sparse Bayesian Learning in Power Quality Steady-State Data Compression			
	228.	energies-1518205-Evolutionary Game Analysis of Responding to EU's Carbon Border Adjustment Mechanism			

229.	energies-1472738 - Comparative study of Several Efficient Energy Management Strategies for a Hydrogen Fuel Cell/Battery Hybrid Vehicles
230.	energies-1472738R1-Comparative study of Several Efficient Energy Management Strategies for Hydrogen Fuel Cell/Battery Hybrid Vehicles
231.	energies-1396498 - An Evaluation of Flicker Emissions from Small Wind Turbines
232.	energies-1396498 R1 - An Evaluation of Flicker Emissions from Small Wind Turbines
233.	energies-1404826 - A Curvature Compensation Technique for Low-Voltage Bandgap Reference
234.	energies-1404826R1 - A Curvature Compensation Technique for Low-Voltage Bandgap Reference
235.	energies-1399426- A GRASP approach for solving large scale electric bus scheduling problems
236.	energies-1399426R1- A GRASP approach for solving large scale electric bus scheduling problems
237.	energies-1351353- Distributed Finite-Time Secondary Frequency and Voltage Restoration Control Scheme of an Islanded AC Microgrid
238.	energies-1351353R1- Distributed Finite-Time Secondary Frequency and Voltage Restoration Control Scheme of an Islanded AC Microgrid
239.	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
240.	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
241.	energies-1307806- Impact of wind and solar generation on the Italian zonal electricity price
242.	energies-1279828- Robust Multi-step Predictor for Electricity Markets with Real-time Pricing
243.	energies-1273349- Rightsizing the Design of a Hybrid Microgrid
244.	energies-1273349R1- Rightsizing the Design of a Hybrid Microgrid
245.	energies-1236406- Modeling and analysis of the power conditioning circuit for an electromagnetic human walking induced energy harvester
246.	energies-1236406R1- Modeling and analysis of the power conditioning circuit for an electromagnetic human walking induced energy harvester
247.	energies-1206819- MRAS-Based Switching Linear Feedback Strategy For Sensorless Speed Control Of Induction Motor Drives
248.	energies-1198068- A Review of Optimization of Microgrid Operation
249.	energies-1177821- Allocation of RES and energy storage in conjunction with the Distribution System Expansion Planning in order to reduce the costs of energy
250.	energies-1101367- Review on Deep Neural Networks applied to Low-Frequency NILM
251.	energies-1124053- Forecasting charging demand of electric vehicle using time-series models
252.	energies-1124053R1- Forecasting charging demand of electric vehicle using time-series models
253.	energies-1057043- Resilience in an Evolving Electrical Grid
254.	energies-1051858- Economical dispatch in micro grids with alternate sources and storage
255.	energies-1051858R1- Economical dispatch in micro grids with alternate sources and storage
256.	energies-1029977- A Short-term Electricity Consumption Forecasting Approach based on Feature Processing and Hybrid Modelling
257.	energies-1027800- Power System Impedance Estimation Using a Fast Voltage and Current Changes Measurements
258.	energies-1027800R1- Power System Impedance Estimation Using a Fast Voltage and Current Changes Measurements
259.	energies-949212- A Novel Lagrangian Multiplier Update Algorithm for Short-Ter ...
260.	energies-1002144- Electrical Modelling of Switching Arcs in a Low Voltage Relay at Low Currents
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262.	energies-998767- Distributed control of clustered populations of thermostatic ...
263.	energies-984357- Real-Time Validation of Power Flow Control Method for Enhanced Microgrid Operation
264.	energies-984357R1- Real-Time Validation of Power Flow Control Method for Enhanced Microgrid Operation
265.	energies-961731- Optimization of spatial configuration of multi-strand cable lines
266.	energies-961731R1- Optimization of spatial configuration of multi-strand cable lines
267.	energies-981886- Innovative Methodology Aplicated to Identification of Errors in Electric Energy Measurement Systems in Utilities
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269.	energies-978493- A One-Body, Laminated-Rotor Flywheel Switched Reluctance Machine: Design Trade-Offs and Performance Assessment

270.	energies-978493R1- A One-Body, Laminated-Rotor Flywheel Switched Reluctance Machine: Design Trade-Offs and Performance Assessment
271.	energies-946183- Control Technique of Generation Transfer for Microgrid
272.	energies-946183R1- Control Technique of Generation Transfer for Microgrid
273.	energies-964155- Optimal Siting and Sizing of Wayside Energy Storage Systems in a D.C. Railway Line
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279.	energies-919967- A Coordinated Dispatching Model Considering Generation and Operation Reserve in Wind Power-Photovoltaic-Pumped Storage System
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281.	energies-921351- An Equivalent Heat Transfer Model Instead of Wind Speed Measuring for Dynamic Thermal Rating of Transmission Lines
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283.	energies-910966- IoT: Internet of Vulnerable Things? Threat Architecture, Attack Surfaces, and Vulnerabilities in Internet of Things and its Applications towards Smart grids
284.	energies-910966R1- IoT: Internet of Vulnerable Things? Threat Architecture, Attack Surfaces, and Vulnerabilities in Internet of Things and its Applications towards Smart grids
285.	energies-896987- HV Transformer Protection and Stabilization under Geomagnetically Induced Currents
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287.	energies-888931- Photovoltaic generation impact analysis in low voltage distribution grids
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289.	energies-887291- Feasibility Study GaN Transistors Application in the Novel Split-Coils Inductive Power Transfer System with T-Type Inverter
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291.	energies-846533- Dynamic Modeling of Multiple Microgrid Clusters Including Regional Demand Response Programs
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293.	energies-856940- Proving a Concept of Flexible Under-frequency Load-Shedding with Hardware-in-the-Loop Testing
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295.	energies-849409- A model for the estimation of residential rooftop photovoltaic (PV) capacity
296.	energies-808079- A Control Scheme with the Variable-speed Pitch System for Wind Turbines during a Zero-voltage Ride Through
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298.	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
299.	energies-813128- Transmission Power System Modeling by Using Aggregated Distributed Generation Model Based on TSO – DSO Data Exchange Scheme
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	303.	energies-732616- In-stream Energy by Tidal and Wind-driven Currents: An Analy ...			
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	307.	energies-680274- An Iterative Scheme for the Power-Flow Analysis of Distribut ...			
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	319.	coatings-1400986 - Assessment of the condition of anilox rollers			
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	321.	applsci-1426996 - Power-Based Concept for Current Injection by Inverter-Interfaced Distributed Generations during Transmission-Network Faults			
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	323.	applsci-1141688- Risk-based virtual energy storage system service strategy for prosumers			
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	325.	applsci-791938- Design of the Input and Output Filter for a Matrix Converter Using Evolutionary Techniques			
	326.	applsci-791938R1- Design of the Input and Output Filter for a Matrix Converter Using Evolutionary Techniques			
	327.	applsci-752507- Design and Comparison of P&O, Fuzzy and P&O Based Fuzzy MPPT			
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42		Electronics , https://www.mdpi.com/journal/electronics	ISI	27	270
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	333.	electronics-1476743 - Unmanned Aerial Vehicle Activity and Its Aerial Lanes Design in (Ultra) Low-Altitude Airspace			
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	339.	electronics-1352976- An accurate Real Time Motion Estimation Using Optical Flow on Embedded System
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	341.	electronics-1311756- Planning of Electric Taxi Charging Stations Based on Travel Data Characteristics
	342.	electronics-1311756R1- Planning of Electric Taxi Charging Stations Based on Travel Data Characteristics
	343.	electronics-1327513- Intelligent Energy Management Method of Hybrid AC/DC Microgrid using Artificial Neural Network
	344.	electronics-1327513R1- Intelligent Energy Management Method of Hybrid AC/DC Microgrid using Artificial Neural Network
	345.	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
	346.	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
	347.	electronics-1132517- Multi-behavior with Bottleneck features LSTM for Load Forecasting in Building Energy Management System
	348.	electronics-1132517R1- Multi-behavior with Bottleneck features LSTM for Load Forecasting in Building Energy Management System
	349.	electronics-982448- Duty-cycled Wireless Power Transmission for Millimeter-sized Biomedical Implants
	350.	electronics-982448R1- Duty-cycled Wireless Power Transmission for Millimeter-sized Biomedical Implants
	351.	electronics-966618- A novel Approach for Optimal Coordination of Over-current Relays in Microgrids with Distributed Generation
	352.	electronics-950407- Adaptive Protection for Microgrid with Distributed Energy Resources
	353.	electronics-950407 R1- Adaptive Protection for Microgrid with Distributed Energy Resources
	354.	electronics-793126- Adaptive Protection for Microgrid with Distributed Energy Resources
	355.	electronics-793126 R1- Adaptive Protection for Microgrid with Distributed Energy Resources
	356.	electronics-655012- PLC / HMI Based Implementation of a Real-Time Educational...
	357.	electronics-655012 R1- PLC / HMI Based Implementation of a Real-Time Educational...
43		Entropy, https://www.mdpi.com/journal/entropy
	358.	entropy-735088 Evaluation of harmonic contributions for multi harmonic sources system based on mixed entropy screening and an improved independent component analysis method
	359.	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
	360.	sensors-1288191- A Bidirectional Versatile Buck-Boost Converter Driver for Electric Vehicle Applications
	361.	sensors-1142383- Bi-directional Mutual Energy Trade Between Smart Grid and Energy Districts Using Renewable Energy Credits
	362.	sensors-1174813- Custom Outlier Detection for Electrical Energy Consumption Data Applied in Case of Demand Response in Block of Buildings
	363.	sensors-1174813R1- Custom Outlier Detection for Electrical Energy Consumption Data Applied in Case of Demand Response in Block of Buildings
	364.	sensors-1104546 - An Attention-based Multilayer GRU Model for Multistep-Ahead Short-Term Load Forecasting

	365.	sensors-1104546R1 - An Attention-based Multilayer GRU Model for Multistep-Ahead Short-Term Load Forecasting			
	366.	sensors-1086076- End-to-End Deep Graph Convolutional Neural Network Approach for Intentional Islanding in Power Systems Considering Load-Generation Balance			
	367.	sensors-1086076- End-to-End Deep Graph Convolutional Neural Network Approach for Intentional Islanding in Power Systems Considering Load-Generation Balance			
	368.	sensors-1077280- Reliability Analysis and Evaluation of Smart Substation from ...			
	369.	sensors-1032365- An Automatic Aggregator of Power Flexibility in Smart Buildings using Software Based Orchestration			
	370.	sensors-1032365R1- An Automatic Aggregator of Power Flexibility in Smart Buildings using Software Based Orchestration			
	371.	sensors-887840- Detection of Potentially Compromised Computer Nodes and Clusters Connected on a Smart Grid, Using Power Consumption Data			
	372.	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
	373.	symmetry-1367106 - Nonlinear mechanism of impact factors on ground settlement and deformation for tunneling crossing beneath an existing tunnel			
46	374.	World Electric Vehicle Journal , https://www.mdpi.com/journal/wevj	BDI	3	18
	375.	wevj-1359920- Electric vehicle uptake: understanding the print media's role in changing attitudes and perceptions			
	376.	wevj-1359920R1- Electric vehicle uptake: understanding the print media's role in changing attitudes and perceptions			
	377.	wevj-1331037- Primary Energy Use and Environmental Effects of Electric Veh ...			
47		Sustainability https://www.mdpi.com/journal/sustainability	ISI	6	60
	378.	sustainability-1251179- Optimization of Conventional and Green Vehicles Composition under Carbon Emission Cap			
	379.	sustainability-1251179R1- Optimization of Conventional and Green Vehicles Composition under Carbon Emission Cap			
	380.	sustainability-1237890- Research on decision optimization model of microgrid participating in spot market transaction			
	381.	sustainability-1237890R1- Research on decision optimization model of microgrid participating in spot market transaction			
	382.	sustainability-1154622 - Intelligent Approach for Active and Reactive Power Control in Grid Connected Solar Photovoltaic System			
	383.	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
	384.	futureinternet-1448280 - Securing IoT Devices against Differential-Linear (DL) Attack used on Serpent algorithm			
	385.	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
	386.	optics-1405224 - Electrical characterization method for resonance performance of photo-elastic modulators			
	387.	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
	388.	7 - Application Internet of Things in VietNam Power Systems			

	389.	8 - Challenges and Solutions for Practical Implementation of Process Bus Based Substation Protection and Automation System			
	390.	32 - Deep reinforcement learning-based prosumer aggregation bidding strategy in a hierarchical local electricity market			
	391.	40 - Green Logistics Practice in Vietnam			
	392.	62 - Robust Short-Term Wind Power Forecasting using a Multivariate Input and Hybrid Architecture			
	393.	64 - Typical situations and solutions in distribution grids with high penetration of Rooftop Solar in Viet Nam			
	394.	98 - Orientation to build up the technical management systems in EVNHCMC according to the context of smart grid development			
	395.	114 - Predictive Control of a MIMO Converter: a Modular Approach for Scalable DC Microgrids			
	396.	121 - Robust Disturbance Rejection Control of DC/DC Interleaved Boost Converters with Additional Sliding Mode Component			
	397.	127 - Implementation and Comparison of SiC and GaN Switches for EV Fast Recharging Systems			
	398.	143 - Application of Short-term time series forecasting of power consumption			
	399.	145 - Applying Symbiotic Organisms Search Algorithm Solving Non-Convex Economic Dispatch Problems			
	400.	150 - The role of digital technology in improving the distribution network management capacity at EVNHCMC			
	401.	156 - Navigating Photovoltaic Adoption Gaps: Intentions vs. Willingness in Vietnam			
	402.	164 - Real-life demonstration of blockchain based flexibility trading between FSPs and DSO			
	403.	165 - Development of a user-defined system protection model against voltage collapse in PSS/E			
	404.	174 - Optimizing energy in Fog computing architecture based on offloading mechanism for IoT devices			
	405.	175 - Calculate Power and Energy Losses, Considering the Effect of Asymmetrical Low-voltage Power Supply System at Industrial Enterprises in Vietnam			
	406.	180 - Blockchain and nested tokens for tracking, reusing, and recycling batteries			
	407.	181 - Maximising Coverage under Connectivity Constraint Utilizing Nature-inspired Algorithms: A Comparative Analysis			
51		The 3rd International Conference on Electrical, Computer, Communications and Mechatronics Engineering	ISI	1	10
	408.	781 Green Energy Transition Paradigm in Smart Grid Environment			
52		Referent științific International Journal of Advanced Computer Science and Applications	BDI	16	96
	409.	A Novel Bayesian Quantized MobileNet (BQ-MobileNet) Architecture for Improving Diagnostic Accuracy in the Medical Image Classification Problem			
	410.	A Novel Blockchain Assisted Deep Learning Model For Secure Edge Intelligence in IoT Networks			
	411.	Dynamic Analysis of Fixed Platforms Equipped With Mass Dampers Under Earthquake Loading using Crow Search Algorithm*			
	412.	Improving the Schwartz and Moon Option Model for Valuing Listed Biopharmaceutical Companies			
	413.	FOOD QUALITY DETECTION BY IDENTIFICATION OF BACTERIAL CONTAMINANTS: A COMPARATIVE ANALYSIS OF MACHINE LEARNING PREDICTIVE MODELS			
	414.	A Robust Cardiovascular Disease Predictor Based on Genetic Feature Selection and Ensemble Learning Classification			
	415.	Application of Multiplicative Congruential Random Number Generator on Game Object in the 3D game "Letters Hijaiyah"			

	416.	A Lightweight Distributed Posture based Traffic -MAC Protocol to Increase the Network Lifetime in Wireless Body Area Networks			
	417.	PageRank Talent Mining Algorithm of Power System Based on Cognitive Load and DPCNN			
	418.	Optimized Automatic Course Timetabling Service Architecture for Integration with Vendor Management Systems			
	419.	Research on Safety Evaluation of Assembly Building Construction by Integrating Entropy Power Method and Network Analysis Model			
	420.	Dangerous Goods container Location allocation strategy based on improved NSGA-II algorithm			
	421.	Crop Field monitoring and Disease Detection of Plants in Smart Agriculture Using Internet of Things			
	422.	IoT System for CO2 Level Monitoring and Analysis in Educational Environments			
	423.	Validation of Evacuation Assessment Algorithm in Finding the Best Indoor Evacuation Model			
	424.	Novel Rainfall Prediction Model using Machine Learning Techniques and Historical Weather Data			
53		23rd IEEEIC International Conference on Environment and Electrical Engineering & 7th I&CPS Industrial and Commercial Power Systems Europe	BDI	19	114
	425.	18 Initial Assessment of Electrical Flexibility of Combustion-Based District Heating Systems			
	426.	65 Co-Simulation Strategy for Photovoltaic Power Prediction and Validation of Digital Twin			
	427.	88 Digital Real-Time Power System Co-simulation via Distributed Transmission Line Model			
	428.	89 A Proactive Stochastic Framework for Cyber-Physical Power Systems Security			
	429.	102 Control of Hydrogen Storage Systems for Primary Frequency Response and Inertia Emulation			
	430.	116 Resilience Oriented Planning for Multi-energy Microgrids in an Urban Area			
	431.	131 Optimum operational planning of wind-integrated power systems with embedded Multi-terminal High Voltage Direct Current Links using the Flexible Universal Branch Model			
	432.	139 Experimental Characterisation of the Dynamic Mechanical Properties of Pressboard			
	433.	147 Optimal sizing and placement of DFIG Wind Farm for Line Loss Reduction and Volt/Var Control in Distribution Network			
	434.	149 A PI-MPC based Dual-loop Controller for Grid Forming Inverters			
	435.	192 IoT-based Health Monitoring of Electric Motor With Cloud Computing			
	436.	195 Hourly Electricity Price Prediction Applying Deep Learning for Electricity Market Management			
	437.	212 Energy storage systems for voltage regulation: Analysis for the railway junction of Rome			
	438.	218 A Critical Review of Nigerian Electricity Policies between 2001 and 2020			
	439.	219 Integrating Risk Assessment into the Optimal Placement and Sizing of Distributed Generation and Capacitor Banks in Power Distribution Networks			
	440.	270 Harmonic Propagation in Hybrid Microgrids: A Simulation-based Analysis			
	441.	271 Ex-ante analysis and baseline estimation for pilot sites using machine and deep learning			
	442.	301 Analysis of correlations between electric arc furnace model coefficients			
	443.	335 Sequence-to-Sequence Model with Transformer-based Attention Mechanism and Temporal Pooling for Non-Intrusive Load Monitoring			
54		MDPI 2023	ISI	24	240
	444.	electronics-2793374 - An Embedded Machine Learning Fault Detection System for Elec ...			
	445.	information-2742552 - Parametric and Nonparametric Machine Learning Techniques for ...			
	446.	energies-2699557 - Power Distribution Systems Vulnerability by Regions Caused b ...			
	447.	energies-2676708 -Optimal Scheduling Strategy of Microgrid Based on Reactive P ...			
	448.	electronics-2674652 -Power Consumption Minimization of a Low-Cost IoT Data Logger ...			

	449.	sensors-2633296 - Low-pass filter application for noise removal in water quali ...			
	450.	sensors-2466592 - A QoS-Aware Service Composition Method in the Internet of Th ...			
	451.	metals-2360945 - Research Progress on New Types of H2TiO3 Lithium-Ion Sieves: ...			
	452.	buildings-2365414 - A Validated Framework for Characterising Informal Settlement ...			
	453.	energies-2330698 - Principles of Forming a Digital Platform for Reliability Man ...			
	454.	energies-2303287 - Optimization, Design and Feasibility Analysis of a Grid-Inte ...			
	455.	electronics-2192719 - Fault-tolerant Control Strategy for Sub-modules Open-circuit ...			
	456.	energies-2192017 - Distribution Network Reconfiguration using Branch Exchange a ...			
	457.	energies-2171346 - Research on the optimal design of seasonal time-of-use tarif ...			
	458.	electronics-2793374R1 - An Embedded Machine Learning Fault Detection System for Elec ...			
	459.	energies-2699557R1 - Power Distribution Systems Vulnerability by Regions Caused b ...			
	460.	energies-2676708R1 - Optimal Scheduling Strategy of Microgrid Based on Reactive P ...			
	461.	electronics-2674652R1 - Power Consumption Minimization of a Low-Cost IoT Data Logger .			
	462.	sensors-2633296R1 - Low-pass filter application for noise removal in water quali ...			
	463.	energies-2330698R1 - Principles of Forming a Digital Platform for Reliability Man...			
	464.	energies-2303287R1 - Optimization, Design and Feasibility Analysis of a Grid-Inte ...			
	465.	electronics-2192719R1 - Fault-tolerant Control Strategy for Sub-modules Open-circuit ...			
	466.	energies-2192017R1 - Distribution Network Reconfiguration using Branch Exchange a ...			
	467.	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
	468.	IJPES-D-23-03034R1 Two-level nested collaborative optimization method for sharing energy storage and energy in community microgrid considering subjectivity and privacy			
	469.	IJPES-D-23-03143 Efficient Microcontroller-Based Management of Household Electricity Consumption (EMMEC)			
	470.	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			
	471.	IJPES-D-23-03034R2 Two-level nested collaborative optimization method for sharing energy storage and energy in community microgrid considering subjectivity and privacy			
	472.	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
	473.	HELIYON-D-23-43878 Optimal Hybrid Resonant Current Controller for Microgrids connected to an Unbalanced IEEE Test Distribution Network			
	474.	HELIYON-D-23-48997 An Efficient Hybrid MPPT Technique for Grid Connected Photovoltaic-Battery- DFIG System			
	475.	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
	476.	EAAI-23-5667 An evolutionary computational approach for the identification of distribution networks models			
	477.	EAAI-23-5494R2 Title: ITran: A Novel Transformer-based Approach for Industrial Anomaly Detection and Localization			
	478.	EAAI-24-1124 - A Fair Order Matching and Idle Vehicle Dispatching Algorithm for Ride-hailing			
58		Alexandria Engineering Journal 2024	ISI	1	10
	479.	AEJ-D-24-09144 - New OLTC Control Algorithm for Microgrid Interconnection with the Source Grid			
59		Measurement: Energy	ISI	1	10

	480.	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	7	70
	481.	RSER-D-25-03115 - Optimizing Electric Vehicle Charging Infrastructure and Battery Storage Systems for Renewable Energy Support in Electrical Markets			
	482.	RSER-D-25-06204 - Wireless charging for Electric Vehicles: Navigating Environmental trade-offs and infrastructure barriers towards sustainable transportation			
	483.	RSER-D-25-04551 - A Comprehensive Review on Planning of EV Charging Infrastructure in PDN: Modeling Elastic Charging Behaviour and Impact Analysis			
	484.	RSER-D-25-04237 - Strengthening Electric Vehicle Infrastructure: A Comprehensive Review of Battery Swapping Integration and Charging Stations			
	485.	RSER-D-25-02834 - An Empirical Approach to the Application of Artificial Intelligence to the Renewable Energy Sector			
	486.	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			
	487.	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 2024-2025	ISI	13	130
	488.	IJEPES-D-24-01822 - Energy Demand Optimization in Intelligent Urban Structures: A Comparison of MFOA and ISCA for Effective Peak Load Control			
	489.				
	490.	IJEPES-D-24-00515 - Comparative analysis of data transformation methods for detecting non-technical losses in electricity grids			
	491.	IJEPES-D-24-01395 - Decentralized MicroGrid for Secured Energy Management: Invigorating Meta-Heuristic Algorithms and Block Chain Enabled Contrivance for Future Energy Trading			
	492.	IJEPES-D-25-01326 - An IoT Integrated Home Energy Management System: An Optimized Solution Towards Real-Time Energy Resources Monitoring and Climate-Based Decision Support			
	493.	IJEPES-D-25-01221 - A hybrid demand side management framework for integrating cohesive activity profiles and non-linear demand influential factors			
	494.	IJEPES-D-25-01486 - Data-driven voltage control for active distribution networks considering response capability of EV charging stations			
	495.	IJEPES-D-25-02185 - Federated Reinforcement Learning Based Dual-Level Voltage Regulation for PV-Rich Distribution Grids			
	496.	IJEPES-D-25-01519 - Optimal Sizing of a renewable integrated microgrid: A comparison of Particle Swarm, Grey Wolf and American Zebra Optimisation techniques			
	497.	IJEPES-D-25-01705 - Cost Optimization in Microgrids: Artificial Intelligence-Powered Solutions for Advanced Battery Management and Longevity			
	498.	IJEPES-D-25-02185 - Federated Reinforcement Learning Based Dual-Level Voltage Regulation for PV-Rich Distribution Grids			
	499.	IJEPES-D-25-03079 - Megawatt Charging Stations for Electric Trucks: A Comprehensive Review of Standards, Configurations, Power Electronics, and Challenges			
	500.	IJEPES-D-25-02685 - Optimal Placement Model of Remote-controlled Switches for Distribution Network Considering Cyber Disturbances			
	501.	IJEPES-D-25-03860 - Hierarchical optimal control for enhanced voltage regulation and fuel economy in DC shipboard microgrids			
62		Global Energy Interconnection	ISI	1	10
	502.	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
	503.	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
	504.	EGYR-D-24-02222 - A Novel Monitoring System of Distributed Production Resources based on Machine Learning Technique to Evaluate the Energy Consumption of Microgrids			
	505.	EGYR-D-24-01106 - Designing Digitally Enabled Proactive Maintenance Systems in Power Distribution Grids: A Scoping Literature Review			
	506.	EGYR-D-24-00163 - Classification of Anomalies in Photovoltaic Systems using Supervised Machine Learning Techniques and Real Data			
65		Heliyon 2024	ISI	1	10
	507.	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
	508.	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
	509.	SWEVO-D-24-00398 - Network Bandwidth based Tasks Scheduling Algorithm in Heterogeneous IoT-Edge Environment			
	510.	SWEVO-D-24-00477 - A Multi-strategy Optimizer for Energy Minimization of Multi-UAV-assisted Mobile Edge Computing			
	511.	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
	512.	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
	513.	Enhancing Grid Integration of Wind Energy Through an Improved Minimum Cut Algorithm for Optimal Energy Storage Planning			
	514.	Enhancing Project Completion Date Prediction Using a Hybrid Model: Rule-Based Algorithm and Machine Learning Algorithm			
	515.	Intelligent Management of Urban Underground Pipe Galleries for Smart City Optimization: Leveraging IoT and Digital Twin Technologies			
	516.	Enhanced Group Decision-Making Framework Employing Intelligent Algorithms to Assess Multi-Attribute College English Teaching Quality Utilizing Interval-Valued Intuitionistic Fuzzy Sets			
	517.	Design of Serious Game Intelligent Transportation System (SGITS) Based on Internet Of Thing			
	518.	Measuring Construction Equipment Factors through IoT-Powered Remote Monitoring Systems			
	519.	Automated recognition of three different levels of mental stress through recurrence quantification analysis of respiratory signal			
	520.	A comparative Study of Deep Learning Techniques for Ocular diseases			
	521.	Integrating IOT Technology and GIS Technology for Intelligent Landscape Design and Maintenance			
	522.	Research on the application of the Apriori algorithm in network security			
	523.	A secure and reliable framework for explainable artificial intelligence (XAI) in smart city applications			
	524.	Linear And Nonlinear Analysis Of Multimodal Physiological Data For Emotion Recognition			
	525.	Integration of effective models to provide a novel method to identify the future trend of Nikkei 225 stocks index			

	526.	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			

		The 13th IEEE International Conference and Exposition on Electrical and Power Engineering (EPEI 2024)		
			TOTAL	5130

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**
2. Membru în comisia de doctorat a doamnei Dandea Vasilica, cond. Prof.univ.dr.ing. Gheorghe Grigoraș – 3.10.2025 <https://ieeia.tuiasi.ro/studii/doctorat/anunturi-sustinere-teze-de-doctorat/> - 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=XU5ZasMwEL2LvhtHlyFkiX9yghDICVyP7A5YcbC8pATfPZJb6PI1b97Gg9HiM6JGEZIEFdEoFLCo1nL3HgDt2a2h7uZxpttipPL9oJye3KcfDxTuztoDPZT70DkLKDjfvGHgG5wmUdVJee5y+P0kL2MJ0IXbtK9oKGbKaJPLLAgi++1yPWorVaIKacq9NEV/mDcFYDSAhg8JZk+d/2VAovhrTNNWn4FOKAw0974Yxq6YfcuxIS4W9mtRjxM3Qy+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=XU5ZasMwEL2LvhtHlyFkiX9yghDICVyP7A5YcbC8pATfPZJb6PI1b97Gg9HiM6JGEZIEFdEoFLCo1nL3HgDt2a2h7uZxpttipPL9oJye3KcfDxTuztoDPZT70DkLKDjfvGHgG5wmUdVJee5y+P0kL2MJ0IXbtK9oKGbKaJPLLAgi++1yPWorVaIKacq9NEV/mDcFYDSAhg8JZk+d/2VAovhrTNNWn4FOKAw0974Yxq6YfcuxIS4W9mtRjxM3Qy+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=XU5ZasMwEL2LvhtHlyFkiX9yghDICVyP7A5YcbC8pATfPZJb6PI1b97Gg9HiM6JGEZIEFdEoFLCo1nL3HgDt2a2h7uZxpttipPL9oJye3KcfDxTuztoDPZT70DkLKDjfvGHgG5wmUdVJee5y+P0kL2MJ0IXbtK9oKGbKaJPLLAgi++1yPWorVaIKacq9NEV/mDcFYDSAhg8JZk+d/2VAovhrTNNWn4FOKAw0974Yxq6YfcuxIS4W9mtRjxM3Qy+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=XU5LDslgEL0La61MkRSnG09gTDxBa2hIQUhpbpTp3YVq4mc1b94vr8EKp4gMSTSK1BF5qiA6N0LzMPJupXNuEJWzAe6hfUQXwAtOdditobethOxabWxwLlCibcm3RMLhDfY9gZukTlvsvp/kNSiA7up5XjZIFTPFGc9lFRKlwwV42rCKlqUllulNEU/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 Bi-Level Phase Load Balancing Methodology with Clustering-Based Consumers' Selection Criterion for Switching Device Placement in Low Voltage Distribution Networks, publicata in jurnalul Mathematics https://uefiscdi.gov.ro/resource-868119-precisi2021_lista-2_rezultate-eligibilitate-art-2021_18.11.2021.pdf?&wtok=&wtkps=XY5NjswDIXvkjWUOsFNcDdzAoTECUoTBmv ozzQEaKvenbRiwcZKz37ve3JBmkZPioRnK3JPKE4olvnjwxtxjWgG9rhjM6W/aX/7aUJ92rb1Wa9O+HwvKyBNSN3MwskeJ6xAuEtm4iL6LzLnb1ucQsk4F0I0/T8kjp/XzK4iUGNAIr2/pw3CidSiNNimYpjagEQAWgQK3+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 ozzQEaKvenbRiwcZKz37ve3JBmkZPioRnK3JPKE4olvnjwxtxjWgG9rhjM6W/aX/7aUJ92rb1Wa9O+HwvKyBNSN3MwskeJ6xAuEtm4iL6LzLnb1ucQsk4F0I0/T8kjp/XzK4iUGNAIr2/pw3CidSiNNimYpjagEQAWgQK3+moALtf/HQPrJvF97uFmoqKrGhqtLmu47Ce7MvrSc3Nk9kqK7cdlcRT69AA==&wchk=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:
12.01.2026

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

