

FIȘA DE VERIFICARE
A ÎNDEPLINIRII STANDARDELOR MINIMALE
pentru ocuparea posturilor didactice de conferențiar universitar și profesor universitar
PENTRU COMISIA INGINERIE ELECTRICĂ

I. DATE DESPRE CANDIDAT

NUMELE **ARION** PRENUMELE **MIRCEA – NICOLAE** CNP . Postul pentru care candidează
CONFERENȚIAT UNIVERSITAR Disciplinele: Electrotehnică I; Bazele electrotehnicii I; Modelarea numerică a
câmpului electromagnetic; Echipamente pentru încălzire, ventilație și aer condiționat; Sisteme Electromecanice II.
Poziția 10 în Statul de funcții 2023-2024 Departamentul de Inginerie Electrică Facultatea de Inginerie Electrică și
tehnologia Informației

Gradul didactic actual **SEF DE LUCRĂRI** Poziția 11 în Statul de funcții 2023-2024
Discipline: Sisteme electromecanice II (curs); Electrotehnică II (curs și seminar); Bazele electrotehnicii II (curs și
laborator); Sisteme moderne de comandă și control ale mașinilor electrice de curent alternativ (curs);
Electrotehnica I (laborator și seminar); Sisteme electro-hidro-pneumatice (curs și laborator); Bazele electrotehnicii
I (laborator); Modelarea și simularea mașinilor electrice (curs), Echipamente pentru încălzire, ventilație și aer
condiționat (laborator)
Departamentul de Inginerie Electrică
Facultatea de Inginerie Electrică și Tehnologia Informației Universitatea din Oradea

II. DATE PRIVIND ÎNDEPLINIREA CONDIȚIILOR DE CONCURS

1. Studii universitare de licență și masterat

Nr. crt.	Instituția de învățământ superior	Domeniul	Perioada	Titlul acordat
1	UNIVERSITATEA DIN ORADEA, FACULTATEA DE ELECTROTEHNICĂ ȘI INFORMATICĂ	INGINERIE ELECTRICĂ	1996-2001	Inginer Diplomat Electromecanic
2	UNIVERSITATEA DIN ORADEA, FACULTATEA DE ELECTROTEHNICĂ ȘI INFORMATICĂ	INGINERIE ELECTRICĂ	2001-2003	Masterat Modelare simulare și tehnici CAD

2. Studii universitare de doctorat

Nr. crt.	Instituția organizatoare de doctorat	Domeniul	Perioada	Titlul științific acordat
	UNIVERSITATEA DIN ORADEA	ȘTIINȚE INGINEREȘTI / INGINERIE ELECTRICĂ	2001-2007	Doctor în inginerie electrică

3. Studii și burse postdoctorale

Nr. crt.	Instituția organizatoare	Domeniul	Perioada	Obs.
	Universitatea din Oradea	INGINERIE ELECTRICĂ	01.12.2010- 31.03.2013	Posdru/89/1.5/S/56287 - Programe postdoctorale în avangarda cercetării de exelență în Tehnologiile Societății Informaționale și dezvoltarea de produse și procese inovative

4. Grade didactice/profesionale

Nr. crt.	Instituția	Domeniul	Perioada	Titlul/funcția didactică/ grad profesional
1	UNIVERSITATEA DIN ORADEA	Inginerie electrică	2008-prezent	Șef de lucrări
2	UNIVERSITATEA DIN ORADEA	Inginerie electrică	2004-2008	Asistent universitar
3	UNIVERSITATEA DIN ORADEA	Inginerie electrică	2002-2004	Preparator universitar

III. DATE PRIVIND ÎNDEPLINIREA STANDARDELOR MINIMALE

1. Tabel cu structura activității candidatului

Tipul activităților	Categorii si restricții	Subcategorii	Indicatori (kpi)	Nr. realizări	Puncte
1. Activitatea didactică si profesională (A1)					
1.1 Cărți si capitole în cărți de specialitate	1.1.1 Cărți cu ISBN/ capitole ca autor:	1.1.1.1 internaționale	nr. pagini/ (2*nr. autori)		
		1.1.1.2 naționale	nr. pagini/ (5*nr. autori)	2	36,75
		1.1.1.2.1 Francisc Ioan Hathazi, Vasile Darie Șoproni, Mircea Nicolae Arion , Carmen Otilia Molnar, Supraconductori și sisteme supraconductoare. Fenomenul supraconductibilității și a diamagnetismului perfect, Editura Universității din Oradea, ISBN 978 – 606 – 10 – 1854 – 3, 2016, pp.107		107/ (5*4) = 5.35	5,35
		1.1.1.2.2 Teodor LEUCA, Carmen Molnar, Mircea Nicolae Arion – Elemente de bazele electrotehnicii – Aplicații utilizand tehnici informatice, Editura Universității din Oradea, 2014, 471 pag , ISBN 978-606-10-1854-3		471/ (5*3) = 31.4	31.40
	1.1.2 Cărți/ capitole de cărți ca editor/	1.1.2.1 internaționale	nr. pagini/ (3*nr. autori)		
		1.1.2.2 naționale	nr. pagini/ (7*nr. autori)		
1.2 Suport didactic	1.2.1 Suport de curs, inclusiv electronic:		nr. pagini/ (10*nr. autori)	3	33,03
		1.1.2.2.1 Francisc Ioan Hathazi, Mircea Nicolae Arion , Vasile Darie Șoproni, Carmen Otilia Molnar, Elemente de teoria circuitelor electrice. Note de curs, Editura Universității din Oradea, ISBN 978 – 606 – 10 – 1855 – 0, 2016, pp.149;		149/ (10*4) = 3,73	3,73
		1.1.2.2.2 Arion Mircea , Modelarea numerică a câmpului electromagnetic. Note de curs. https://e.uoradea.ro/course/view.php?id=62008		152/ (10*1) = 15,20	15,20

				1.1.2.2.3	Arion Mircea, Echipamente pentru încălzire, ventilație și aer condiționat. Note de curs. https://e.uoradea.ro/course/view.php?id=61267		$141 / (10 * 1) = 14,1$	14,10
		1.2.2	Îndrumare de laborator/aplicații			nr. pagini/ (20*nr. autori)		3,45
			pentru profesor universitar minim 2 din care 1 ca prim autor	1.2.2.1	Francisc – Ioan Hathazi, Vasile – Darie Șoproni, Mircea – Nicolae Arion , Carmen Otilia Molnar, Supraconductori și sisteme supraconductoare. Aplicații practice, Editura Universității din Oradea, ISBN 978 – 606 – 10 – 1856 – 7, pp. 56, 2016		$56 / (20 * 4) = 0,7$	0,70
			pentru conferențiar universitar minim 1	1.2.2.2	Carmen Molnar, M. Arion – Electrotehnică. Îndrumator de laborator, Editura Universității din Oradea, 2003, 110 pag, ISBN 973-613-274-9		$110 / (20 * 2) = 2,75$	2,75
1.3	Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale (POS, ERASMUS, sa)		Punctaj unic pentru fiecare activitate			10	4	40
				1.3.1	Coordonator program de studiu Sisteme Electrice 2021-2024 Coordonator program studii Electromecanică 2024-2025		$1 * 10 = 10$	10
				1.3.2	POCU ROSE 72/SGU/NC/I/ 13.12.2017, LABORATORUL DE EDUCAȚIE ȘI FORMARE ANTREPRENORIALĂ, (LEFA)		$1 * 10 = 10$	10
				1.3.3	POS CCE – Contract nr.664 / 14.08.2014 – Creșterea capacității de cercetare - dezvoltare a laboratoarelor interdisciplinare pentru tehnologii în inginerie electrică – CCDELITE – Responsabil tehnic proiect		$1 * 10 = 10$	10
				1.3.4	POS DRU / 87 / 1.3 / S / 60891 2013-2014 – Școală universitară de formare inițială și continuă a personalului didactic și a trainerilor din domeniul specializărilor tehnice și ingineresti – DidaTec		$1 * 10 = 10$	10
TOTAL ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ (A1)								113,23
2. Activitatea de cercetare (A2)								
2.1	Articole in extenso in reviste cotate WOS Thomson-Reuters ⁽¹⁾ , in volume proceedings indexate WOS Thomson-Reuters și brevete de invenție indexate WOS Derwent	Minim 10 articole din care minim 4 ca prim autor și minim 4 în reviste pentru profesor universitar Minim 7 din care minim 2 ca prim autor și minim 2 în reviste articole pentru conferențiar universitar			8 articole in revista 14 articole in proceeding 4 prim autor	(25+20*factor impact ⁽²⁾)/ nr. autori	22	173,05
				2.1.1.	Vasile Darie Soproni, Livia Bandici , Alin Cristian Teusdea, Francisc Ioan Hathazi, Mircea Nicolae Arion , Carmen Otilia Molnar, Claudia Andrada Dale and Simona Ioana Vicas, Phenolic Content, Antioxidant Capacity, and Browning Impact of Apple Slices during Microwave Drying: A Chemometric Approach, Processes, 2023, 11, 6, Document Type: JOURNAL Paper WOS:001017768200001. https://www.webofscience.com/wos/woscc/full-record/WOS:001017768200001		$(25+20*3,5)/9 = 10,56$	10,56

			2.1.2. Livia Bandici , Alin Cristian Teusdea, Vasile Darie Soproni, Francisc Ioan Hathazi, Mircea Nicolae Arion, Carmen Otilia Molnar and Simona Ioana Vicas - The Influence of Microwave Treatments on Bioactive Compounds and Antioxidant Capacity of Mentha piperita L. Materials 2022, 15, 7789. Document Type: JOURNAL Paper WOS:000882153600001. https://www.webofscience.com/wos/woscc/full-record/WOS:000882153600001	(25+20*3,78)/7 = 114,28	14,28
			2.1.3. Gordan, CE; Gordan, JM; Soproni, VD; Molnar, CO; Arion, MN ; Hathazi, FJ - Reduction of the Humidity Contained in the Harvest Cereals by the Means of in High Frequency Electromagnetic Field Processing, INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA), Volume: 11, Issue: 7, Pages: 40-45, Published: JUL 2020, ISSN: 2158-107X, eISSN: 2156-5570, Document Type: JOURNAL Paper, WOS: 000568850200007 https://www.webofscience.com/wos/woscc/full-record/WOS:000568850200007	(25+20*1,324)/6 = 18,58	8,58
			2.1.4. Francisc Ioan Hathazi, Vasile Darie Șoproni, Mircea Nicolae Arion, Carmen Otilia Molnar, Simina Vicaș (Coman), Olimpia Smaranda Mintas, The Use of Microwave Drying Process to the Granular Materials, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 10, No.11, 2019, pp.23-29, ISSN : 2156-5570 (Online), ISSN : 2158-107X (Print), (DOI) : 10.14569/IJACSA.2019.0101104 Document Type: JOURNAL Paper, WOS: 000504404900004 https://www.webofscience.com/wos/woscc/full-record/WOS:000504404900004	(25+20*1,324)/6 = 18,58	8,58
			2.1.5. Laurentiu Copil, Francisc-Ioan Hathazi, Mircea-Nicolae Arion, Vasile-Darie Soproni, Carmen Otilia Molnar, Covaciu Mihaela - About the Use of High Frequency Ceramic Susceptors for Industrial Applications, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5 , Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, Document Type: Proceedings Paper, WOS: 000503434500050 https://www.webofscience.com/wos/woscc/full-record/WOS:000503434500050	(25+20*0)/6 = 4,17	4,17

		2.1.6. Vasile Darie Soproni, Carmen Otilia Molnar, Francisc Ioan Hathazi, Mircea Nicolae Arion, Marius Codrean, Liviu Moldovan - Experimental Research on Microwave Field and Hot Air Drying of Barley Seeds, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5 , Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, Document Type: Proceedings paper, WOS: 000503434500029 https://www.webofscience.com/wos/woscc/full-record/WOS:000503434500029	(25+20*0)/6 = 4,17	4,17
		2.1.7 Mihaela Covaciu, Francisc-Ioan Hathazi, Mircea-Nicolae Arion, Vasile-Darie Soproni, Carmen Otilia Molnar, Ovidiu Popovici - Determining the Potential for Recovery, Reuse and Recycling of Construction and Demolition Waste Assisted by High Frequency Electromagnetic Field, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5 , Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, Document Type: Proceedings Paper, WOS: 000503434500024 https://www.webofscience.com/wos/woscc/full-record/WOS:000503434500024	(25+20*0)/6 = 4,17	4,17
		2.1.8. Mihaela Covaciu, Vasile-Darie Soproni, Francisc-Ioan Hathazi, Carmen Otilia Molnar, Mircea-Nicolae Arion, Marius Codrean - Decontamination, Drying and Sterilization Assisted by the High Frequency Electromagnetic Field for the Processing of Construction Waste Used on Driveways, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5 , Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, Document Type: Proceedings Paper, WOS: 000503434500023 https://www.webofscience.com/wos/woscc/full-record/WOS:000503434500023	(25+20*0)/6 = 4,17	4,17
		2.1.9. Laurentiu Copil, Francisc-Ioan Hathazi, Mircea-Nicolae Arion, Vasile-Darie Soproni, Carmen Otilia Molnar, Mircea-Danut Pantea - Production of Silicon Carbide in a High Frequency Electromagnetic Field. Measuring Thermal Conductivity, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5 , Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, Document Type: Proceedings Paper, WOS: 000503434500022 https://www.webofscience.com/wos/woscc/full-record/WOS:000503434500022	(25+20*0)/6 = 4,17	4,17

			2.1.10. Mircea – Nicolae Arion, Francisc – Ioan Hathazi, Cornelia Gordan, <i>Aspects Regarding the Extraction of Menthol Oils in High Frequency Electromagnetic Field</i>, Revue roumaine des sciences techniques, SérieÉlectrotechnique et Énergétique, Vol 63/ No: 3, 2018, Publisher : Romanian Academy, Publishing House of the Romanian Academy,Format print and electronic ISSN: 0035-4066, pp271-276, Document Type: JOURNAL Paper, WOS: 000454752800006 https://www.webofscience.com/wos/woscc/full-record/WOS:000454752800006	(25+20*0,70)/3 = 13,00	13,00
			2.1.11. Mircea – Nicolae Arion, Francisc – Ioan Hathazi, Otilia Molnar Carmen, Darie Soproni Vasile, Marius Codrean – About the extraction in microwave field of the essential oils and beta-carotene from carrots, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 75-78, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, WOS:000427085200018 https://www.webofscience.com/wos/woscc/full-record/WOS:000427085200018	(25+20*0)/5= 5	5
			2.1.12. Francisc – Ioan Hathazi, Mircea – Nicolae Arion, Darie Soproni Vasile, Otilia Molnar Carmen, Ovidiu, Popovici - Study on the Extraction in Microwave Field of the Essential Oils from Chilli, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 63-66, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, WOS:000427085200015 https://www.webofscience.com/wos/woscc/full-record/WOS:000427085200015	(25+20*0)/5= 5	5
			2.1.13. Francisc – Ioan Hathazi, Mircea – Nicolae Arion, Darie Soproni Vasile, Otilia Molnar Carmen, Danut Pantea Mircea – The Extraction of Volatile Oils from Parsley Leaves in Microwave Field, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 67-70, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, WOS:000427085200016 https://www.webofscience.com/wos/woscc/full-record/WOS:000427085200017	(25+20*0)/5= 5	5

		2.1.14. Mircea – Nicolae Arion, Francisc – Ioan Hathazi, Otilia Molnar Carmen, Darie Soproni Vasile, Mihaela Novac – Study on microwave field extraction of the celery essential oils, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 71-74, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, WOS:000427085200017 https://www.webofscience.com/wos/woscc/full-record/WOS:000427085200017	(25+20*0)/5= 5	5
		2.1.15. F.I.Hathazi, M.N.Arion, Daniela Iordache, - Microwave reticulation of epoxy resin used for single layer electric insulations, Journal of Microwave Power and Electromagnetic Energy, 49 (30, 2015, pp. 171 – 181, a Publication International Microwave Power Institute (IMPI), JMPEE, Volume 49, Issues 3, ISSN 0823-7823, Document Type: JOURNAL Paper , WOS:000367651500005 https://www.webofscience.com/wos/woscc/full-record/WOS:000367651500005	(25+20*0,925)/3= 14,50	14,50
		2.1.16. F. I. Hathazi, V. D. Soproni, M. N. Arion, C. O. Molnar, <i>About the Use of the High Frequency Electromagnetic Field in Order to Improve the Quality of the Agricultural Seeds</i>, indexat IEEE Xplore (Cat. No.:CFP1493Y-ART ISBN: 978-1-4799-6821-3), International Symposium on Fundamentals of Electrical Engineering 2014, University POLITEHNICA of Bucharest, Romania, November, 2014, Document Type: Proceedings Paper, WOS:000380570500059 https://www.webofscience.com/wos/woscc/full-record/WOS:000380570500059	(25+20*0)/4= 6,25	6,25
		2.1.17. T Leuca, M. Arion, About Numerical Analysis of Electromagnetic and Thermal Field in Induction Equipment with Moving Bodies, Revue roumaine des sciences techniques, SérieÉlectrotechnique et Énergétique, No: 3, 2009, Publisher : Romanian Academy, Publishing House of the Romanian Academy,Format print and electronic ISSN: 0035-4066, pp271-280, Document Type: JOURNAL Paper WOS:000269812800005 https://www.webofscience.com/wos/woscc/full-record/WOS:000269812800005	(25+20*0,7)/2 = 19,50	19,50
		2.1.18. V.D. Şoproni, F. I. Hathazi, C.O. Molnar and M. N. Arion, <i>Aspects Regarding the Design of Equipment and Monitoring of the Parameters that Affect the Drying and Fighting Process Against Insects and Pathogen Factors in Microwave Field</i>, Asia-Pacific Microwave Conference (APMC 2009), IEEE Catalog Number CFP09APMC-CDR, ISBN 978-1-4244-2802-1, CD: ID-1905, Singapore, 2009, Document Type: Proceedings Paper, WOS:000279924300390 https://www.webofscience.com/wos/woscc/full-record/WOS:000279924300390	(25+20*0)/4= 6,25	6,25

			2.1.19. F. I. Hathazi, V.D. Şoproni, C. O. Molnar and M. N. Arion, <i>Fluidizing Impregnation Epoxy Resins Simultaneously with Producing Electrical Insulations Followed by Reticulation, Using Microwave Energy</i>, Asia-Pacific Microwave Conference (APMC 2009), IEEE Catalog Number CFP09APMC-CDR, ISBN 978-1-4244-2802-1, CD: ID-1899, Singapore, 2009, Document Type: Proceedings Paper, WOS:000279924301010 https://www.webofscience.com/wos/woscc/full-record/WOS:000279924301010		(25+20*0)/4= 6,25	6,25
			2.1.20. Soproni, V.D., Arion, M.N., Hathazi, F.I., The drying and fighting process against insects and pathogen factors with microwave field equipment, 20TH International Daaam Symosium, volume 20, NO.1, Editor B. Katalinic, Published by DAAAM INTERNATIONAL, VIENA, AUSTRIA, 2009 pp. 1327-1328, ISSN 1726-9679, ISBN 978-3-901509-70-4, Document Type: Proceedings Paper, WOS:000282335600664, https://www.webofscience.com/wos/woscc/full-record/WOS:000282335600664		(25+20*0)/3= 8,33	8,33
			2.1.21. Soproni Vasile Darie; Hathazi Francisc Ioan; Arion Mircea Nicolae; Molnar Carmen Otilia; Bandici Livia; Aspects Regarding the Adapting and Optimization of Mixed Drying Systems Microwave-hot Air for the Processing of Agricultural Seeds, PIERS 2009 BEIJING: PROGRESS IN ELECTROMAGNETICS RESEARCH SYMPOSIUM, PROCEEDINGS I AND II, ISBN:978-1-934142-08-0, ISSN: 1559-9450, Publisher ELECTROMAGNETICS ACAD, 777 CONCORD AVENUE, STE 207, CAMBRIDGE, MA 02138 USA, pp. 210-213, 2009, Document Type: Proceedings Paper, WOS:000268101100041 https://www.webofscience.com/wos/woscc/full-record/WOS:000268101100041		(25+20*0)/5= 5	5
			2.1.22. M.Arion, T. Leuca, F. I. Hantila, Numerical analysis method for solving the coupled electromagnetic and thermal field Questions for induction heating systems with moving parts, Journal of Optoelectronics and Adavanced Materials 2008, Vol. 10, No.5, ISSN 1454-4164, p 1213-1217, Document Type: JOURNAL Paper WOS:000256499900042 https://www.webofscience.com/wos/woscc/full-record/WOS:000256499900042		(25+20*0,42)/3 = 11,13	11,13
2.2	Articole in reviste si volumele unor manifestări stiintifice indexate in alte baze de date internaționale ⁽³⁾	Minim 20 articole din care minim 5 în reviste pentru profesor universitar Minim 15 articole din care minim 2 în reviste pentru conferențiar universitar	30 articole in revista 4 articole in proceeding 8 prim autor	20/nr.de autori	34	179,00

		2.2.1. ROTARU Daniel, BANDICI Livia, ARION Mircea, <i>Study on a Push-Down Electromagnetic Levitation System</i>, Journal of Electrical and Electronics Engineering (JEEE), Oradea, vol. 17, no.1, may, 2024, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-85198344116&origin=resultslist	20 / 3 = 6,67	6,67
		2.2.2. Daiana Ioana Rus, Adrian Szoke, Mihaela Covaciu, Bianca Florica Șimon, Francisc Ioan Hathazi, Mircea Nicolae Arion, Livia Bandici, Carmen Otilia Molnar, Vasile Darie Soproni , <i>Study on The High-Frequency Electromagnetic Field Pyrolysis Process of Office and Stationery Waste</i>, IEEE 2023 17th International Conference on Engineering of Modern Electric Systems (EMES) DOI: 10.1109/EMES58375.2023.10171732 Document Type: Proceedings Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-85166320755&origin=resultslist	20 / 9 = 2,22	2,22
		2.2.3. Daiana Ioana Rus, Adrian Szoke, Mihaela Covaciu, Bianca Florica Șimon, Francisc Ioan Hathazi, Mircea Nicolae Arion, Livia Bandici, Carmen Otilia Molnar, Vasile Darie Soproni , <i>Energetic Recovery of Straw Cereal Waste Through the Pyrolysis Process in the Microwave Field</i>, IEEE 2023 17th International Conference on Engineering of Modern Electric Systems (EMES) DOI: 10.1109/EMES58375.2023.10171633 Document Type: Proceedings Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-85166292764&origin=resultslist	20 / 9 = 2,22	2,22
		2.2.4. Arion Mircea Nicolae, Livia Bandici, Teușdea Alin Cristian, Vicaș Simona Ioana, Molnar Carmen Otilia, Șoproni Vasile Darie, Hathazi, Francisc Ioan, Gyorody Cornelia Aurora, <i>The Drying of Peppermint Plants Using Microwave Energy</i>, Journal of Electrical and Electronics Engineering (JEEE), Oradea, vol. 15, no.2, october, 2022, Document Type: JOURNAL Paper https://www.scopus.com/authid/detail.uri?authorId=24342720200	20 / 8 = 2,22	2,5
		2.2.5. Carmen O. Molnar, Darie V. Șoproni, Mircea N. Arion, Francisc I. Hathazi, <i>Parameters analysis of the photovoltaic systems to the variation of the inclination angle to horizontal plane</i>, Revista de Tehnologii Neconventionale 20.3 (Sep 2016): 54-58, Document Type: JOURNAL Paper, https://web.b.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=23598646&asa=Y&AN=119104417&h=%2bcSg%2bGOWGL%2fntbQATf0zOGca6laegSiKhoxZI2caWew5MV7VsFpzP9teNfu8I4UIIdKnDDiyFY84Gzc05todPw%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d23598646%26asa%3dY%26AN%3d119104417	20 / 4 = 5,00	5,00

			2.2.6. Darie V. Şoproni, Carmen O. Molnar, Mircea N. Arion, Francisc I. Hathazi - Parameters analysis of a thermal installation with heat pipe vacuum tube solar collector, <i>Revista de Tehnologii Neconventionale</i> 19.3 (Sep 2015): 43-48, Document Type: JOURNAL Paper, http://search.proquest.com/openview/89179f288ca4f08612022678579a435a/1?pq-origsite=gscholar	20 / 4 = 5,00	5,00
			2.2.7. ARION Mircea Nicolae, HATHAZI Francisc Ioan, MOLNAR Carmen Otilia, SOPRONI Vasile Darie, <i>Aspects Regarding the Numerical Modeling of the Electromagnetic Induction Heating Process Used for Hot Deformation of Semi-finished Parts</i>, Journal of Electrical and Electronics Engineering, Indexata BDI, B+, ISSN: 1844-6035, Editura Universitatii din Oradea, Romania, Vol.7, Nr.2, May, oct 2014, pp. 5-8, Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-84922475303&origin=resultslist	20 / 4 = 5,00	5,00
			2.2.8. MOLNAR Carmen Otilia, LEUCA Teodor, COMAN Simina, ARION Mircea, SOPRONI Vasile Darie, <i>Results Concerning the Optimization of Factors that Interfere in the Drying Process of Skins in Microwave Field</i>, Journal of Electrical and Electronics Engineering, Indexata BDI, B+, ISSN:1844 – 6035, Editura Universitatii din Oradea, Romania, Vol.6, Nr.1, May, 2013, pp. 83-86, Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-84879733649&origin=resultslist&sort=plf-f&src=s&sid=E8DFFF1DBBE9E5F7C437A7EDD0DB4784.wsnAw8kcdt7IPYLO0V48gA%3a80&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2824342720200%29&relpos=3&citeCnt=0&searchTerm=	20 / 6 = 3,33	3,33
			2.2.9. ARION Mircea, HATHAZI Francisc Ioan, “The numerical computation of coupled problem for the electromagnetic and thermal field within the hardening processes of valve guides through electromagnetic induction”, Journal of Electrical and Electronics Engineering, Indexata BDI, B+, ISSN:1844 – 6035, Editura Universitatii din Oradea, Romania, Vol.5, Nr.2, October, 2012, pp. 21-24, Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-84872933375&origin=resultslist	20 / 2 = 10	10,00
			2.2.10. Arion, M., Leuca, T., Hathazi, F.I., Soproni, V.D., Molnar, C., Cheregi, G., <i>Aspects regarding the numerical computation of the eddy current problem within the electromagnetic induction processes of thin planes</i>, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 5, Issue 2, October 2012, Pages 17-20, Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-84872963916&origin=resultslist	20 / 5 = 4,00	4,00

		2.2.11. Soproni, V.D., Vicas, S.M., Leuca, T., Arion, M.N., Hathazi, F.I., Molnar, C.O., <i>High frequency electromagnetic field modeling and experimental validation of the microwave drying of wheat seeds</i>, Progress In Electromagnetics Research B, ISSN: 19376472, Issue 41, 2012, Pages 419-439, Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-84864324240&origin=resultslist	20 / 6 = 3,33	3,33
		2.2.12. Vicas, S., Leuca, T., Soproni, D., Arion, M., Molnar, C., Hathazi, F.I.; <i>Experimental results of wheat seeds processed in microwave field</i>, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 5, Issue 1, May 2012, Pages 269-272, , Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-84866235734&origin=resultslist	20 / 6 = 3,33	3,33
		2.2.13. Şoproni Darie, Vicaş Simina, Molnar Carmen, Arion Mircea, Hathazi Francisc Ioan, <i>Analysis Variation of Drying Parameters of Corn Seeds Processed in Microwave Field. Thermal Field Analysis</i>, Journal of Electrical and Electronics Engineering, ISSN:1844 – 6035, Editura Universitatii din Oradea, Romania, Vol.5, Nr.1,May, 2012, pp. 225-228, Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-84866264380&origin=resultslist	20 / 5 = 4,00	4,00
		2.2.14. Şoproni, D., Vicaş, S., Hathazi, F.I., Arion, M., Molnar, C., Coman, O.; <i>The study of drying characteristics of wheat seeds in microwave field for different processing conditions</i>, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 4, Issue 2, October 2011, Pages 103-106, Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-82555182706&origin=resultslist	20 / 6 = 3,33	3,33
		2.2.15. Vicaş, S., Şoproni, D., Leuca, T., Arion, M., Hathazi, F.I., Molnar, C.; <i>Experimental results of corn seeds dried in microwave field</i>, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 4, Issue 2, October 2011, Pages 107-110, Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-82555173694&origin=resultslist	20 / 6 = 3,33	3,33
		2.2.16. Vicaş, S., Şoproni, D., Leuca, T., Arion, M., Hathazi, F.I., Molnar, C.O; <i>Parameter variation of wheat seeds dried in microwave field</i>, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 4, Issue 1, 2011, Pages 237-240, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79959692917&origin=resultslist	20 / 6 = 3,33	3,33

		2.2.17. Arion, M., Soproni, D., Vicaș, S., Leuca, T., Hathazi, F.I., C, Molnar, C., Bandici, L.; <i>Microwave drying process of corn seeds</i>, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 4, Issue 1, 2011, Pages 11-14, Document Type: JOURNAL Paper, https://www.scopus.com/record/display.uri?eid=2-s2.0-79959751844&origin=resultslist	20 / 7 = 2,86	2,86
		2.2.18. Molnar C, Arion M. N., Soproni V.D., Bandici L, <i>Researches concerning the problem of coupling between the electromagnetic and thermal fields from microwave instalations</i>, 22TH INTERNATIONAL DAAAM SYMOSIUM, VOLUME 22, NO.1, EDITOR B. KATALINIC, PUBLISHED BY DAAAM INTERNATIONAL, VIENNA, AUSTRIA, 2011 pp. 553-554, ISSN 1726-9679, ISBN 978-3-901509-83-4, Document Type: Proceedings Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-84904276546&origin=resultslist	20 / 4 = 5,00	5,00
		2.2.19. CO Molnar, T Leuca, L Bandici, VD Soproni, MN Arion, <i>The Development of Methods for Solving the Electromagnetic and Thermal Fields in Microwave Installations</i>, Journal of Electrical and Electronics Engineering, ISSN:1844 – 6035, Editura Universitatii din Oradea, Romania, Vol.4, Nr.1, Mai, 2011, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79959708089&origin=resultslist	20 / 5 = 4,00	4,00
		2.2.20. Șoproni, D., Vicaș, S., Leuca, T., Hathazi, F.I., Arion, M.; <i>Analysis variation of the parameters for the drying with microwaves of the cereals in various processing conditions</i>, Journal of Electrical and Electronics Engineering, Volume 3, Issue 1, 2010, Pages 201-204, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-78650446099&origin=resultslist	20 / 5 = 4,00	4,00
		2.2.21. Arion, M.N., Hathazi, F.I., Soproni, D., Molnar, C.O. – <i>Study regarding the electromagnetic field into microwave drying equipments</i>, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 3, Issue 1, 2010, Pages 21-24 , Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-78650503073&origin=resultslist	20 / 4 = 5,00	5,00
		2.2.22. Cheregi Gabriel, ARION Mircea, <i>About analisys of simultaneous induction hardening method of disk used at suspense harrow in agriculture with rectangular coil</i>, Journal of Electrical and Electronics Engineering, University of Oradea, 2010, Vol.3 Nr.2, pp. 47-51, ISSN 1844-6035, Editura Universității din Oradea Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-80955125705&origin=resultslist	20 / 2 = 10	10,00

		2.2.23. HRENIUC Ovidiu, ARION Mircea, <i>Numerical analysis of the worming process through induction in matters of thermal treatment</i>, Journal of Electrical and Electronics Engineering, University of Oradea, 2010, Vol.3 Nr.1, pp. 103-106, ISSN 1844-6035, Editura Universității din Oradea, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-80955159196&origin=resultslist	20 / 2 = 10	10,00
		2.2.24. S Vicas, S Darie, FI Hathazi, M Arion, <i>Parameter variation in the drying process of the Thuringia barley seeds.</i>, Analele Universității din Oradea, Fascicula: Ecotoxicologie, Zootehnie și Tehnologii de Industrie Alimentară 2010 pp. 931-938, ISSN 1583-4301, Document Type: JOURNAL Paper https://www.cabdirect.org/cabdirect/abstract/20113173138	20 / 4 = 5,00	5,00
		2.2.25. Hathazi, F.I., Soproni, V.D., Arion, M.N., Molnar, C.O., Bandici, L.; <i>Solution for using the microwave energy in order to improve the quality for agricultural seeds. generation and processing microwave system</i>, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 2, Issue 1, 2009, Pages 56-59, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79959325977&origin=resultslist	20 / 5 = 4,00	4,00
		2.2.26. G. R. Cheregi, M. Arion, <i>About the analisys of simultaneous induction hardening method of disk used at suspense harrow in agriculture with circular coil</i>, Journal of Electrical and Electronics Engineering, University of Oradea, 2009, Vol 2, Nr 2, pp 17-20, ISSN 1844-6035. Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-80855131323&origin=resultslist	20 / 2 = 10	10,00
		2.2.27. G.R. Cheregi, F.I. Hantila, L. Ocheana, M. Arion, G. Barbu, <i>Quality aspects of the quasistationary electromagnetic field</i>, Journal of Electrical and Electronics Engineering , University of Oradea, 2009, Vol 2, Nr 1, pp 18-21, ISSN 1844-6035. Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79959309823&origin=resultslist	20 / 5 = 4,00	4,00
		2.2.28. M. Arion, G.R. Cheregi, <i>About the analisys of simultaneous induction hardening method of pinions with rectangular coil</i>, Jurnal of electrical and electronics engineering, University of Oradea, 2008, ISSN 1844-6035, pp 7-11. Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79956277609&origin=resultslist	20 / 2 = 10,00	10,00

			2.2.29. Arion, M.N., Hathazi, F.I., Soproni, V.D., Molnar, C.O., Cheregi, G.R.; <i>Numerical modeling of the electromagnetic field within the induction hardening of inner cylindrical surfaces</i> , Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 1, Issue 1, 2008, Pages 11-14 , Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79956278590&origin=resultslist			20 / 5 =4,00	4,00
			2.2.30. Soproni, D., Maghiar, T., Molnar, C., Hathazi, I., Bandici, L., Arion, M. , Krausz, A.; <i>Study of electromagnetic properties of the agricultural products</i> , Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 1, Issue 1, 2008, Pages 130-133, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79956290437&origin=resultslist			20 / 7 =2,86	2,86
			2.2.31. G. R. Cheregi, T. Leuca, M. Arion , <i>About numerical analysis of electromagnetic field induced in gear wheels during hardening process</i> , Jurnal of electrical and electronics engineering, University of Oradea, 2008, ISSN 1844-6035, pp 22-25, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79956288055&origin=resultslist			20 / 3 =6,67	6,67
			2.2.32. C.O. Molnar, V. D. Soproni, M.N. Arion , L. Bandici, <i>Temperature distribution in the humid powder beds dried in microwave field and warm air</i> , Jurnal of electrical and electronics engineering, University of Oradea, 2008, ISSN 1844-6035, pp 95-98, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79956281496&origin=resultslist			20 / 4 =5,00	5,00
			2.2.33. G.R. Cheregi, M. Arion , About the analisys of simultaneous induction hardening method of pinions with circular coil, Jurnal of electrical and electronics engineering, University of Oradea, 2008, ISSN 1844-6035, pp 26-29, Document Type: JOURNAL Paper https://www.scopus.com/record/display.uri?eid=2-s2.0-79956269155&origin=resultslist			20 / 2 =10	10,00
			2.2.34. T. Leuca , M. Arion , <i>About the electromagnetic field computation in the induction heating</i> , PIERS 2004 - Progress in Electromagnetics Research Symposium, Extended Papers Proceedings Document Type: Proceedings Paper , https://www.scopus.com/record/display.uri?eid=2-s2.0-54249114504&origin=resultslist			20 / 2 =10	10,00
2.3.	Brevete de invenție indexate în alte baze de date internaționale		2.3.1	internaționale	25/nr.de autori		
			2.3.2	naționale	15/nr.de autori		
2.4	Granturi/proiecte câștig	2.4.1	Director/responsabil proiect	2.4.1.1	internaționale	20*ani de desfasurare	

ate prin competiție națională/internațională ⁽⁴⁾		partener	2.4.1.2	naționale	10*ani de desfasurare	1	7		
			2.4.1.2	1. Contract CNFIS-FDI-2024-F-0334 Cercetare și inovare interdisciplinară utilizând tehnologii sustenabile_CIIUTS 468.861 lei		10*0,7=7	7,00		
		2.4.2	membru in echipă	2.4.2.1	internaționale	4*ani de desfasurare			
	2.4.2.2			naționale	2*ani de desfasurare	4	24		
	2.4.2.2.1.			PN II – Contract . Nr.51 – 082 / 2007 - Tehnologii cu microunde utilizate pentru îmbunătățirea calității semințelor agricole depozitate 1.942.000 lei		2*3=6	6,00		
	2.4.2.2.2.			Proiect CEEX-RELANSIN nr. 300/2006 finanțat de M.E.C-ANCS, având tema: „Dirijarea formarii structurii de solidificare prin intermediul campului electromagnetic”, 2006-2008; 220.000		2*3=6	6,00		
	2.4.2.2.3.			Grant CNCSIS nr. 364/2001 (contractul se derulează pe anii 2002, 2003 și 2004) având tema - “Evoluția stratului de schimbare de fază la încălzirea prin inducție a materialelor”; 2002/2004; 252 mil. lei		2*3=6	6,00		
	2.4.2.2.4			Grant de cercetare nr Nr.3447/1999-2000 CNCSIS: (contract derulat pe anii: 1999-2001),„Cercetări privind dezvoltarea tehnologiilor electrotermice în câmp de microunde pentru materiale ceramice” 50.000 lei		2*3=6	6,00		
	2.5	Contracte de cercetare/consultanță (valoare echivalentă de minim 2 000 Euro)	2.5.1	Director/Responsabil proiect partener	2.5.1		5*ani de desfasurare		
			2.5.2	Membru echipă	2.5.2		2*ani de desfasurare	5,5	11
					2.5.2.1	Grant de cercetare "Săptămâna științifică a Universității din Oradea" 127/25.06.2021 - Utilizarea microundelor în procesul de obținere a uleiurilor volatile din plate medicinale, 30.000 lei 2021/2022		2*1=2	2,00
					2.5.2.2	Contract nr. 31 / 01.04.2008/2009, cu S.C. FICAMT S.A. – Oradea, având tema „ Studiu privind proiectarea unei instalații de încălzire prin inducție în scopul încălzirii uniforme a semifabricatelor”, 16.000 € (Valoare: 8000 Euro/2008; 8000 Euro/2009)		2*2=4	4,00
					2.5.2.3	Contract de cercetare nr.112/04.12.2006 cu S.C. STIMIN S.A. - Oradea: “Cercetări privind optimizarea instalației de călire superficială prin inducție la frecvența de 8000 de Hz” 19.000		2*1=2	2,00

				2.5.2.4	Contractul nr.14/01.03.2004 cu S.C. ISIS S.A. Oradea, având ca temă - "Cercetări privind utilizarea unei instalații de încălzire, inductive de medie frecvență, în procesul de prelucrare a unor repere din industria automobilului" 190.000 lei	2*1=2	2,00
				2.5.2.5	Contract de cercetare nr. 650/16.01.2004 cu S.C. U.A.M.T. – S.A. Oradea, cu tema : „Studiu privind încălzirea matrițelor, de injectat mase plastice, configurații complexe” 45.000.000 lei	2*0.2=0.4	0,40
				2.5.2.6	Contract de cercetare nr.1287/04.07.2003 cu S.C. U.A.M.T. – S.A. Oradea, cu tema : “Studiu privind schimbarea de fază controlată în procesele de turnare a aliajelor neferoase.” 45.000.000 lei	2*0.1=0.2	0,20
				2.5.2.7	Contract de cercetare nr.2741/06.03.2003 cu S.C. I.C.P.E.. – S.A București: “Studiu comparativ privind producția de mașini electrice de mică putere” 26.000.000 lei	2*0.1=0.2	0,20
				2.5.2.8	Contract de cercetare nr.705/11.09.2000 cu S.C.ICPE SA BUCURESTI, cu tema : “Instalație de turnare cu control electromagnetic al solidificării în scopul obținerii unor performanțe ridicate de material. 26.000.000 lei	2*0.1=0.2	0,20
TOTAL ACTIVITATEA DE CERCETARE (A2)							394,04
3. Recunoașterea și impactul activității (A3)							
3.1	Citări în revistele WOS și volumele conferințelor WOS ⁽⁵⁾	3.1.1	Minim 10 citări pentru profesor universitar			5/nr autori ai articolului citat	
		3.1.2	Minim 7 citări pentru conferențiar universitar			5/nr autori ai articolului i	26 29.02
			Lucrare citată 1. Soproni, Vasile Darie, Hathazi, Francisc Ioan, Arion, Mircea Nicolae , Molnar, Carmen Otilia, Bandici, Livia; Aspects Regarding the Adapting and Optimization of Mixed Drying Systems Microwave-hot Air for the Processing of Agricultural Seeds, PIERS 2009 BEIJING: PROGRESS IN ELECTROMAGNETICS RESEARCH SYMPOSIUM, PROCEEDINGS I AND II, ISBN:978-1-934142-08-0, ISSN: 1559-9450, Publisher ELECTROMAGNETICS ACAD, 777 CONCORD AVENUE, STE 207, CAMBRIDGE, MA 02138 USA, pp. 210-213, 2009, Document Type: Proceedings Paper, WOS:000268101100041				
			Lucrare care citeaza				

			3.1.2.1	Vasile, AJ, Popescu, C, Ion, RA, Dobre, I, From conventional to organic in Romanian agriculture - Impact assessment of a land use changing paradigm, LAND USE POLICY, Publisher ELSEVIER SCI LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND, LAND USE POLICY, Volume: 46, Pages: 258-266 ISSN: 0264-8377, WOS:000356110500023 http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=CitingArticles&qid=29&SID=C1QRDn23q8AlOd9ah	5/5 = 1	1,00
			3.1.2.2	Shrestha, B; Yu, D; Baik, OD, ELIMINATION OF CRYPTOLESTES FERRUNGINEUS S. IN WHEAT BY RADIO FREQUENCY DIELECTRIC HEATING AT DIFFERENT MOISTURE CONTENTS, PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER, Volume: 139, Pages: 517-538, DOI: 10.2528/PIER13021406, Published: 2013, Publisher E M W PUBLISHING, PO BOX 425517, KENDALL SQUARE, CAMBRIDGE, MA 02142 USA, ISSN: 1559-8985, WOS:000319668200030 http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=UA&search_mode=GeneralSearch&qid=2&SID=C4yKyTugwlt6TsD2LrF&page=1&doc=1	5/5 = 1	1,00
				Lucrare citată 2.Soproni, V.D., Vicas, S.M., Leuca, T., Arion, M.N. , Hathazi, F.I., Molnar, C.O., High frequency electromagnetic field modeling and experimental validation of the microwave drying of wheat seeds, Progress In Electromagnetics Research B, ISSN: 19376472, Issue 41, 2012, Pages 419-439, Document Type: JOURNAL Paper,		
				Lucrare care citeaza		
			3.1.2.3	Hemis, M, Choudhary, R, Gariepy, Y, Raghavan, VGS, Experiments and modelling of the microwave assisted convective drying of canola seeds, BIOSYSTEMS ENGINEERING, Volume: 139, Pages: 121-127, DOI: 10.1016/j.biosystemseng.2015.08.010, Published: NOV 2015, Publisher ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA, ISSN: 1537-5110, WOS:000363351900012 http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=UA&search_mode=GeneralSearch&qid=14&SID=C4yKyTugwlt6TsD2LrF&page=1&doc=1	5/6 = 0,83	0,83
			3.1.2.4	Vasile, AJ, Popescu, C, Ion, RA, Dobre, I, From conventional to organic in Romanian agriculture - Impact assessment of a land use changing paradigm, LAND USE POLICY, Volume: 46, Pages: 258-266, DOI: 10.1016/j.landusepol.2015.02.012, Published: JUL 2015, Publisher ELSEVIER SCI LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND, ISSN: 0264-8377, WOS:000356110500023 http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=C4yKyTugwlt6TsD2LrF&page=1&doc=1	5/6 = 0,83	0,83

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		Lucrare care citeaza			
	3.2.2.35	Zhang, F., Jiao, Y., Yin, X. Efficiency analysis and heating structure design of high power electromagnetic thermal energy storage system, 18th International Conference on Electrical Machines and Systems, ICEMS 2015 7385078, pp. 458-462, 2016, https://www.scopus.com/record/display.uri?eid=2-s2.0-84966470672&origin=resultslist&sort=plf-f&cite=2-s2.0-80955159196&src=s&imp=t&sid=4f25928abb7514e33a15ea5c0c646c6&sot=cite&sdt=a&sl=0&relpos=1&citeCnt=2&searchTerm=	3/2=1,50	1,50	
		Lucrare citată 15. Mihaela Covaciu, Francisc-Ioan Hathazi, Mircea-Nicolae Arion , Vasile-Darie Soproni, Carmen Otilia Molnar, Ovidiu Popovici - Determining the Potential for Recovery, Reuse and Recycling of Construction and Demolition Waste Assisted by High Frequency Electromagnetic Field, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5 , Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, Document Type: Proceedings Paper, WOS: 000503434500024			
		Lucrare care citeaza			

		3.2.2.36	MSCMR Rasal, MSSPT Suryawanshi, Efficient Construction Waste Management through AI, IJSSRD - International Journal for Scientific Research & Development Vol. 8, Issue 5, 2020 ISSN (online): https://www.researchgate.net/profile/Trupti-Suryawanshi-2/publication/362539825_Efficient_Construction_Waste_Management_through_AI/links/62efb7a288b83e7320b6d784/Efficient-Construction-Waste-Management-	3/6=0,50	0,50
		3.2.2.37	Timothy G. Townsend & Malak Anshassi, Construction and Demolition Debris, Processing CDD for Recycling, Chapter First Online: 11 April 2023, Part of the Waste Management Principles and Practice book series (WMPP) April 2023 DOI: 10.1007/978-3-031-25013-2_1 In book: Construction and Demolition Debris https://link.springer.com/book/10.1007/978-3-031-25013-2	3/6=0,50	0,50
		3.2.2.38	Pravin R. Kshirsagar ,Neeraj Kumar,2 Ahmed H. Almulihi,Fawaz Alassery, Asif Irshad Khan , Saiful Islam, Jyoti P. Rothe, D. B. V. Jagannadham, and Kenenisa Dekeba, Artificial Intelligence-Based Robotic Technique for Reusable Waste Materials, Hindawi Computational Intelligence and Neuroscience Volume 2022, Article ID 2073482, https://doi.org/10.1155/2022/2073482	3/6=0,50	0,50
			Lucrare citată 16. M. Covaciu, V. -D. Soproni, F. -I. Hathazi, C. O. Molnar, M. -N. Arion and M. Codrean, "Decontamination, Drying and Sterilization Assisted by the High Frequency Electromagnetic Field for the Processing of Construction Waste Used on Driveways," 2019 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2019, pp. 89-92, doi: 10.1109/EMES.2019.8795092.		
			Lucrare care citeaza		
		3.2.2.39	Dewan Sabbir Ahammed Rayhan & Iftekhar Uddin Bhuiyan, Review of construction and demolition waste management tools and frameworks with the classification, causes, and impacts of the waste, , Review Published: 14 November 2023, Waste Disposal & sustainable Energy https://link.springer.com/article/10.1007/s42768-023-00166-y	3/6=0,50	0,50
		3.2.2.40	Timothy G. Townsend & Malak Anshassi, Construction and Demolition Debris, Processing CDD for Recycling, Chapter First Online: 11 April 2023, Part of the Waste Management Principles and Practice book series (WMPP) April 2023 DOI: 10.1007/978-3-031-25013-2_1 In book: Construction and Demolition Debris https://link.springer.com/book/10.1007/978-3-031-25013-2	3/6=0,50	0,50
		3.2.2.41	Dewan Sabbir Ahammed Rayhan, Iftekhar Uddin Bhuiyan, A framework for evaluation of construction and demolition waste management alternatives using MCDA techniques in the context of Dhaka City, International Journal of Construction Management , Published online: 24 Apr 2024 https://doi.org/10.1080/15623599.2024.2337083	3/6=0,50	0,50
		3.2.2.42	Maksim Kuznetsov; Symon K. Podilchak; Louis Arnold; David Arnold, Electromagnetic Beerline Cleaning Using Radio Frequency Signals, 2024 18th European Conference on Antennas and Propagation (EuCAP), DOI: 10.23919/EuCAP60739.2024.10501240	3/6=0,50	0,50

				Lucrare citată 17. Livia Bandici , Alin Cristian Teusdea, Vasile Darie Soproni, Francisc Ioan Hathazi, Mircea Nicolae Arion , Carmen Otilia Molnar and Simona Ioana Vicas - The Influence of Microwave Treatments on Bioactive Compounds and Antioxidant Capacity of Mentha piperita L. Materials 2022, 15, 7789. WOS:000882153600001. https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/https://doi.org/10.3390/ma15217789 , IF 3.748.		
				Lucrare care citeaza		
		3.2.2.43	Gabriela Elena Badea; Simona Dzitac; Liana Marin; Anda Ioana Gratiela Petrehele; Camelia Porumb; Petru Gabriel Badea, An Investigation On The Electrochemical Behavior Of Steel In The Presence Of An Eco-inhibitor, 17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2023, pp. doi: 10.1109/EMES58375.2023.10171763	3/7=0,43	0,43	
		3.2.2.44	M. D. Monica <i>et al.</i> , "AGILE Project Management Using Jira in Processing of Food Industry," 2023 17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2023, pp. 1-4, doi: 10.1109/EMES58375.2023.10171760.	3/7=0,43	0,43	
		3.2.2.45	I. M. Naghiu, T. O. Gal, C. Vancea, G. Gabor, D. Rus and M. Covaciu, "Extracting Essential Oils from the Hawthorn (Crataegus monogyna) in the Microwave Field," 2023 17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2023, pp. 1-4, doi: 10.1109/EMES58375.2023.10171729.	3/7=0,43	0,43	
			Lucrare citată 18. Mircea – Nicolae Arion , Francisc – Ioan Hathazi, Otilia Molnar Carmen, Darie Soproni Vasile, Mihaela Novac – Study on microwave field extraction of the celery essential oils, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 71-74, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, WOS:000427085200017 http://apps.webofknowledge.com.am.e-nformation.ro/Search.do?product=WOS&SID=E1CiP0r3lxph2OxGMxg&search_mode=GeneralSearch&prID=71677a47-683c-4a41-b640-82d4d8e362ed			
			Lucrare care citeaza			
		3.2.2.46	I. M. Naghiu, T. O. Gal, C. Vancea, G. Gabor, D. Rus and M. Covaciu, "Extracting Essential Oils from the Hawthorn (Crataegus monogyna) in the Microwave Field," 2023 17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2023, pp. 1-4, doi: 10.1109/EMES58375.2023.10171729.	3/5=0,60	0,60	
		3.2.2.47	Iuliana Maria NAGHIU, Adela Olimpia TODEA EXTRACTING ESSENTIAL OILS FROM TYME IN THE MICROWAVE FIELD, , Annals of the University of Oradea, Fascicle: Ecotoxicology, Animal Science and Food Science and Technology, 2022	3/5=0,60	0,60	

				Lucrare citată 19. Francisc – Ioan Hathazi, Mircea – Nicolae Arion , Darie Soproni Vasile, Otilia Molnar Carmen, Danut Pantea Mircea – The Extraction of Volatile Oils from Parsley Leaves in Microwave Field, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 67-70, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, WOS:000427085200016		
				Lucrare care citeaza		
	3.2.2.48	I. M. Naghiu, T. O. Gal, C. Vancea, G. Gabor, D. Rus and M. Covaciu, "Extracting Essential Oils from the Hawthorn (Crataegus monogyna) in the Microwave Field," 2023 17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2023, pp. 1-4, doi:	3/5=0,60	0,60		
	3.2.2.49	SAL Al Meani, MM Ahmed, AH Abdulkareem, Synergistic Effect between Zingiber Officinale Volatile Oil and Meropenem against Acinetobacter Baumanni Producing-Carbapenemase Isolated from Neurosurgery in Iraq, 2020;11(9):920-925, Systematic Reviews in Pharmacy Vol 11, Issue 9, Sep-Oct 2020, https://www.sysrevpharm.org/articles/synergistic-effect-between-zingiber-officinale-volatile-oil-and-meropenem-against-acinetobacter-baumanni-producingcarba.pdf	3/5=0,60	0,60		
				Lucrare citată 20. Livia Bandici , Alin Cristian Teusdea, Vasile Darie Soproni, Francisc Ioan Hathazi, Mircea Nicolae Arion , Carmen Otilia Molnar and Simona Ioana Vicas - The Influence of Microwave Treatments on Bioactive Compounds and Antioxidant Capacity of Mentha piperita L. Materials 2022, 15, 7789. WOS:000882153600001.		
				Lucrare care citeaza		
	3.2.2.50	M. D. Monica et al., "AGILE Project Management Using Jira in Processing of Food Industry," 2023 17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2023, pp. 1-4, doi: 10.1109/EMES58375.2023.10171760.	3/7=0,43	0,43		
	3.2.2.51	. M. Naghiu, T. O. Gal, C. Vancea, G. Gabor, D. Rus and M. Covaciu, "Extracting Essential Oils from the Hawthorn (Crataegus monogyna) in the Microwave Field," 2023 17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2023, pp. 1-4, DOI: 10.1109/EMES58375.2023.10171729.	3/7=0,43	0,43		
				Lucrare citată 21. Francisc Ioan Hathazi, Vasile Darie Şoproni, Mircea Nicolae Arion , Carmen Otilia Molnar, Simina Vicaş (Coman), Olimpia Smaranda Mintas, The Use of Microwave Drying Process to the Granular Materials, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 10, No.11, 2019, pp.23-29, ISSN : 2156-5570 (Online), ISSN : 2158-107X (Print), (DOI) : 10.14569/IJACSA.2019.0101104		
				Lucrare care citeaza		
	3.2.2.52	M. D. Monica et al., "AGILE Project Management Using Jira in Processing of Food Industry," 2023 17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2023, pp. 1-4, doi: 10.1109/EMES58375.2023.10171760. https://doi.org/10.9734/JAMB/2018/37928 http://journaljamb.com/index.php/JAMB/article/view/4012/7142	3/6=0,50	0,50		

				22. Lucrare citată Mircea – Nicolae Arion , Francisc – Ioan Hathazi, Otilia Molnar Carmen, Darie Soproni Vasile, Marius Codrean – About the extraction in microwave field of the essential oils and beta-carotene from carrots, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 75-78, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, WOS:000427085200018				
				Lucrare care citeaza				
			3.2.2.53	Muhammad Rifqi Suryana, Muhammad Luthfan Haziman, Praboyo Ardin Islamawan, Hari Hariadi, Dandy Yusuf, Use of Beta-Carotene Pigment to Improve Food Product Chemical and Sensory Qualities: A Review, Journal of Functional Food and Nutraceutical , Vol. 4 No. 2 (Feb 2023) DOI: https://doi.org/10.33555/iffn.v4i2.92	3/5=0,60	0,60		
				23. Lucrare citată T Leuca, M Arion, G Cheregi, Dual Frequency Simulation of the Electromagnetic Induction Process in Gear Wheels, Analele Univ din Oradea, pp 36-39, 2005				
				Lucrare care citeaza				
			3.2.2.54	Bogdan, Galiş Ionuţ; Ovidiu, Moldovan, Numerical Analysis of an Inductive Furnace Using the Finite Element Method in Comsol, . Journal of Electrical and Electronics Engineering; Oradea Vol. 12, Iss. 2, (Oct 2019): 43-46. https://www.proquest.com/docview/2408843050?pq-origsite=gscholar&fromopenview=true&sourcetype=Scholarly%20Journals	3/3=1,100	1,00		
		3.2.2.55	Bogdan, Galiş Ionuţ; Alin, Moldovan Octavian, Optimization of the Design Parameters of an Inductive Furnace for Aluminum Melting. Journal of Electrical and Electronics Engineering; Oradea Vol. 12, Iss. 2, (Oct 2019): 37-42. https://www.proquest.com/docview/2408847598?pq-origsite=gscholar&fromopenview=true&sourcetype=Scholarly%20Journals	3/3=1,100	1,00			
3.3	Prezentări invitate in plenul unor manifestări științifice naționale si internaționale și profesor invitat (exclusiv POS, ERASMUS)		Punctaj unic pentru fiecare activitate	3.3.1	internaționale	20		
				3.3.2	naționale	5		
3.4	Membru in colectivele de redacție sau comitete științifice ale revistelor si manifestărilor științifice, organizator de manifestări științifice, recenzor pentru reviste si manifestări științifice naționale si internaționale (punctajul se acordă pentru fiecare revistă, manifestare științifică si recenzie)			3.4.1	WOS	10	7	70
				3.4.1.1	Arion Mircea – Membru în comitetul de organizare a The 16th International Conference on Engineering of Modern Electric Systems, Oradea, June 2021 https://www.icemes.uoradea.ro/icemes2021/organizing-committee.html https://easychair.org/cfp/ICEMES2021		1*10=10,00	10,00
				3.4.1.2	Arion Mircea – Membru în comitetul de organizare a The 15th International Conference on Engineering of Modern Electric Systems, Oradea, June 2019 http://www.icemes.ro/icemes2019/organizing-committee.html https://ieeexplore.ieee.org/xpl/conhome/8785423/proceeding		1*10=10,00	10,00

				3.4.1.3	Arion Mircea – Recenzor lucrări prezentate la The 16th International Conference on Engineering of Modern Electric Systems, Oradea, June 2019 - 6 lucrari https://easychair.org/conferences/review_requests?a=22132366	1*10=10,00	10,00
				3.4.1.4	Arion Mircea – Membru în comitetul de organizare a The 14th International Conference on Engineering of Modern Electric Systems, Oradea, 01-02 June 2017 http://www.icemes.ro/icemes2017/organizing-committee.html https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7980365	1*10=10,00	10,00
				3.4.1.5	Arion Mircea – Recenzor lucrări prezentate la The 16th International Conference on Engineering of Modern Electric Systems, Oradea, June 2017 - 6 lucrari https://easychair.org/conferences/review_requests?a=14832207 https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7980365	1*10=10,00	10,00
				3.4.1.6	Arion Mircea – Recenzor lucrare Modeling of coupled phenomena in the process of induction hardening publicată în Rev. Roum. Sci. Techn.– Électrotechn. et Énerg. Vol. 64, 3, pp. 217–222, Bucurest, 2019 http://www.revue.elth.pub.ro/viewpdf.php?id=847	1*10=10,00	10,00
				3.4.1.7	Arion Mircea – Recenzor lucrare CYLINDRICAL INDUCTION HEATER – THE QUALITY FACTOR publicată în Rev. Roum. Sci. Techn.– Électrotechn. et Énerg. Vol. 62, 2, pp. 154–158, Bucurest, 2017 http://www.revue.elth.pub.ro/viewpdf.php?id=665	1*10=10,00	10,00
				3.4.2	BDI	9	102
				3.4.2.1	Arion Mircea – Executive Editors – JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING - Associate Editors, 1st issue: Vol. 17 Nr. 1 (May 2024), SSN 1844 - 6035 Place of publishing: Oradea, Romania Year of the first issue: 1967 Releasing frequency: 2 / year https://electroinf.uoradea.ro/images/articles/CERCETARE/Reviste/JEEE/JEEE_V17_N1_MAY_2024/00b%20Pg%20%20Editors%20vol%2017%20nr%201%20may%202024.pdf	1*6=6,00	6,00
				3.4.2.2	Arion Mircea – Chairman / Membru în comitetul de organizare ICEMES 2023, The 17th International Conference on Engineering of Modern Electric Systems, Oradea, June 2023 http://www.icemes.uoradea.ro/icemes2023/	1*6=6,00	6,00

				3.4.2.3	Arion Mircea – Recenzor lucrări ICEMES 2023, The 17th International Conference on Engineering of Modern Electric Systems, Oradea, June 2023 2 lucrari https://easychair.org/conferences/review_requests?a=30696977	1*6=6,00	6,00	
				3.4.2.4	Arion Mircea – Executive Editors – JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING - Associate Editors, 1st issue: Vol. 16 Nr. 1 (May 2023), SSN 1844 - 6035 Place of publishing: Oradea, Romania Year of the first issue: 1967 Releasing frequency: 2 / year https://electroinf.uoradea.ro/images/articole/CERCETARE/Reviste/JEEE/JEEE_V16_N1_MAY_2023/00Editors_JEEE_vol_16_No_1_may_2023.pdf	1*6=6,00	6,00	
				3.4.2.5	Arion Mircea – Executive Editors – JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING - Associate Editors, 1st issue: Vol. 16 Nr. 2 (October 2023), SSN 1844 - 6035 Place of publishing: Oradea, Romania Year of the first issue: 1967 Releasing frequency: 2 / year https://electroinf.uoradea.ro/images/articole/CERCETARE/Reviste/JEEE/JEEE_V16_N2_OCT_2023/00Editors_JEEE_vol_16_No_2_oct_2023%202.pdf	1*6=6,00	6,00	
				3.4.2.6	Recenzor lucrări publicate in „Journal of Electrical and Electronics Engineering” perioada 2013 – 2024	11*6=66,00	66,00	
				3.4.3	naționale și internaționale neindexate	3	8	24
				3.4.3.1	Membru în comitetul de organizare - Sesiunea de comunicări științifice a studenților SACSS 2024 - 13-24 mai https://ietu.uoradea.ro/ro/cercetare/sesiuni-de-comunicari-studentesti	1*3=3,00	3,00	
				3.4.3.2	Membru în comitetul de organizare - Sesiunea de comunicări științifice a studenților SACSS 2023 - 19-29 mai https://ietu.uoradea.ro/ro/cercetare/sesiuni-de-comunicari-studentesti	1*3=3,00	3,00	
				3.4.3.3	Membru în comitetul de organizare - Sesiunea de comunicări științifice a studenților SACSS 2022 – 25-29 mai https://ietu.uoradea.ro/ro/cercetare/sesiuni-de-comunicari-studentesti	1*3=3,00	3,00	
				3.4.3.4	Membru în comitetul de organizare - Sesiunea de comunicări științifice a studenților SACSS 2020 - 9-12 iunie https://ietu.uoradea.ro/ro/cercetare/sesiuni-de-comunicari-studentesti	1*3=3,00	3,00	

				3.4.3.5	Membru în comitetul de organizare - Sesiunea de comunicării științifice a studenților SACSS 2019 - 20-24 mai https://ietu.uoradea.ro/ro/cercetare/sesiuni-de-comunicari-studentesti	1*3=3,00	3,00
				3.4.3.6	Membru în comitetul de organizare - Sesiunea de comunicării științifice a studenților SACSS 2018 – 29 mai – 1 iunie https://ietu.uoradea.ro/ro/cercetare/sesiuni-de-comunicari-studentesti	1*3=3,00	3,00
				3.4.3.7	Membru în comitetul de organizare - Sesiunea de comunicării științifice a studenților SACSS 2017 – 24-27 mai https://ietu.uoradea.ro/ro/cercetare/sesiuni-de-comunicari-studentesti	1*3=3,00	3,00
				3.4.3.8	Membru în comitetul de organizare Sesiunea de comunicării științifice a studenților SACSS 2016 http://electroinf.uoradea.ro/index.php/conferinte/sacss2016/sessions.html	1*3=3,00	3,00
3.5	Referent în comisii de doctorat			3.5.1	internaționale	10	
				3.5.2	naționale	5	
3.6	Premii			3.6.1	Academia Romana	30	
				3.6.2	ASAS, AOSR, academii de ramura și CNCS	15	
				3.6.3	premii internaționale	10	
				3.6.4	premii naționale în domeniu	5	
3.7	Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	3.7.1	Academia			100	
		3.7.2	ASAS, AOSR și academii de			30	
		3.7.3	Conducere asociații		internaționale	30	
					naționale	10	
		3.7.4	Asociații profesionale	3,7,4,1	internaționale	5	4 20
					IEEE	1*5=5	5
					EUMA – European Microwave Association	1*5=5	5
					AMPERE – Atomes et molecules par etudes radio – electriques	1*5=5	5
					IEEE Magnetics Society din 2024	1*5=5	5
				3,7,4,2	naționale	2	1 2
					AIEER – Asociația Inginerilor Electroniști și Electricieni din România Asociația Generală a Inginerilor din România	1*2=2	2
		3.7.5	Consilii și organizații	3.7.5.1	Conducere	15	15
			în domeniul educației și cercetării	3.7.5.1.1	2022 -prezent - Director Departament Inginerie Electrică - Facultatea de Inginerie Electrică și Tehnologia Informației - Universitatea din Oradea		15
				3.7.5.2	Membru	10	6 60
				3.7.5.2.1	2015 - prezent - Membru în Consiliul Departamentului de Inginerie Electrică - Facultatea de Inginerie Electrică și Tehnologia Informației - Universitatea din Oradea		10

				3.7.5.2.2	2023 - prezent - Membru în Consiliul Facultății de Inginerie Electrică și Tehnologia Informației - Universitatea din Oradea -	10
				3.7.5.2.3	2023 - prezent - Membru în Comisia pentru probleme de învățământ și studenți - Facultatea de Inginerie Electrică și Tehnologia Informației - Universitatea din	10
				3.7.5.2.4	2023 - prezent - Membru în Comisia de evaluare și asigurare a calității - Facultatea de Inginerie Electrică și Tehnologia Informației - Universitatea din Oradea	10
				3.7.5.2.5	2023 - prezent - Membru în Comisia de repartizare a locurilor finanțate de la bugetul statului - Facultatea de Inginerie Electrică și Tehnologia Informației - Universitatea din Oradea	10
				3.7.5.2.6	2023 - prezent - Membru în Comisia de evaluare studiilor parțial reglementate - Facultatea de Inginerie Electrică și Tehnologia Informației - Universitatea din Oradea	10
TOTAL RECUNOAȘTEREA SI IMPACTUL ACTIVITĂȚII (A3)						361,51
TOTAL						868,77

Note:

(1) Conform situației curente de pe site-ul WOS (Web of Science) THOMSON REUTERS; o revistă cotate WOS este echivalentă cu o revistă cotate ISI conform Ordinului de Ministru (MECTS) nr. 4478 din 23 iunie 2011, publicat în Monitorul Oficial, Partea I, Nr. 448/27.VI.2011<

(2) Factorul de impact al revistei menționat pe site-ul WOS în anul curent; pentru articolele în proceedings WOS și pentru brevetele indexate WOS-Derwent factorul de impact considerat va fi egal cu 0;

(3) Bazele de date internaționale (BDI) luate în considerare pentru articolele publicate în reviste și publicate în volumele unor manifestări științifice, cu excepția articolelor publicate în reviste/proceedings cotate WOS, sunt cele recunoscute pe plan științific internațional: Scopus, IEEE Xplore, Science Direct, Engineering Village, Compendex, INSPEC, Springerlink, Cabi, EBSCO, CSA ILLUMINA/PROQUEST, Index Copernicus și Ulrich's;

(4) Nu se consideră în această categorie proiectele/granturile de tip POSDRU (POCU), POSCCE (POC), ERASMUS (ERASMUS PLUS), COMENIUS, bursele postdoctorale și alte tipuri de proiecte similare care nu prezintă un caracter predominant de cercetare; se consideră numai proiectele/granturile relevante pentru profilul postului scos la concurs/domeniul de abilitare;

(5) Autocitățile sunt excluse (se consideră autocitare existența unui autor/coautor comun între lucrarea citată și lucrarea care citează).

2. Formula de calcul a indicatorului de merit (A)

unde: k_{pi} – indicator specific domeniului ($i=1, 2$ și 3) și tipului (p) de activitate (conform tabelului 1).

Notă: Indicatorul se referă la întreaga activitate a candidatului.

$$A = \sum_{i=1}^3 A_i = \sum_{p=1}^3 k_{1p} + \sum_{p=1}^5 k_{2p} + \sum_{p=1}^7 k_{3p}$$

3. Condiții minimale (A_i , $i=1, 2$, și 3)

Pe baza standardelor minimale și obligatorii aprobate prin OM nr. 6129/2016, anexa nr. 9, și a metodologiei au fost stabilite următoarele valori minime:

Nr. Crt.	Domeniul de activitate	Condiții	Realizat	Îndeplinirea standardelor minimale naționale	
				DA	NU
1	Activitatea didactică / profesională (A1)	profesor universitar - Minim 120 puncte conferențiar universitar - Minim 60 puncte	113,23	DA ÎNDEPLINIT	
2	Activitatea de cercetare (A2)	profesor universitar - Minim 360 puncte conferențiar universitar - Minim 180 puncte	394,04	DA ÎNDEPLINIT	
3	Recunoașterea și impactul activității (A3)	profesor universitar - Minim 120 puncte conferențiar universitar - Minim 60 puncte	361,51	DA ÎNDEPLINIT	
TOTAL		profesor universitar - Minim 600 puncte conferențiar universitar - Minim 300 puncte	868,78	DA ÎNDEPLINIT	

NOTĂ:
se vor completa lucrările/realizările științifice care atestă îndeplinirea standardelor (inclusiv punctajele obținute)

ÎNDEPLINIT / NEÎNDEPLINIT

Confirm prin prezenta că datele mai sus menționate sunt reale și se referă la propria mea activitate profesională și științifică.

Data _____

Candidat _____