

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI
FACULTATEA DE ȘTIINȚA ȘI INGINERIA MATERIALELOR
DEPARTAMENTUL DE ȘTIINȚA MATERIALELOR

FIȘA DE VERIFICARE
a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de
conferențiar universitar

Candidat: AXINTE Mihai / Data nașterii: 10 Mai 1979, Funcția actuală: Sef de lucrari, Data numirii în funcția actuală: 01.10.2014

Instituția: Universitatea Tehnică „Gheorghe Asachi” din Iași

Se preia tabelul și definițiile corespunzătoare domeniului științific aferent, conform Anexei TUIASI.POB.08-A1.3.

(Modul de îndeplinire a standardelor minime naționale va fi prezentat în mod explicit și va trebui însoțit de dovezi)

Nr. Crt.	Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategorii	Indicatori (kpi)	Realizări	Punctaj
	Activitatea didactică și profesională (A1)					Minim 30 de puncte Îndeplinit 114,89	
		1.1 Cărți și capitole în cărți de specialitate în edituri recunoscute	1.1.1 Cărți/capitole ca autor	1 1.1.2 Naționale: Conferențiar minim 1	nr. pagini/(5 x nr. autori)	Minim 1 Îndeplinit 3, din care 2 prim autor	
						1. Dan-Gelu Gălușcă, Dragoș-Cristian Achiței, Manuela-Cristina Perju, Carmen Nejneru, Mihai Axinte , <i>Tratamente termice și termochimice, vol 1</i> . Editura Tehnopress, ISBN 997-606-687-337-6, pagini 286, 2018 Punctaj: $286/(5 \times 5) = 11,44$	11,44
						2. Mihai Axinte , <i>Tehnologia nitrurării ionice cu ecran activ</i> , Editura Tehnopress, ISBN 997606-687-400-7, pagini, 244, 2019 Punctaj: $244/(5 \times 1) = 48,8$	48,8
						3 Mihai AXINTE , Adrian GRECU, Carmen NEJNERU, Manuela PERJU, <i>Tehnologia răcirii la călire în medii sintetice</i> . Editura Tehnopress, 2023, ISBN 978-606-687-506-6, pagini 236, Punctaj: $236/(5 \times 4) = 11,8$	11,8
		1.2 Suport didactic	1.2.1 Manuale didactice/ Monografii, inclusiv electronice: Conferențiar : minim 1		nr. pagini/(10 x nr. autori)	Minim 1 Îndeplinit 3, din care 2 prim autor	

					1. Carmen Nejneru, Mihai Axinte , Iulian Ionita, Manuela Cristina Perju, Aspecte ale nitrurarii ionice, Editura Tehnopress, ISBN 978-973-702-861-7, pagini 298, (2014) Punctaj: $298/(10 \times 4) = 7,45$	7,45
					2. Mihai Axinte , - <i>Desen tehnic si Infografica 2</i> , anul 1 domeniile Ingineria Materialelor, Inginerie Mecanica, format electronic, suport de si prezentare al disciplinei, 118pagini, (2018), Link: <u><i>Desen tehnic si Infografica 2</i></u> , Punctaj: $118/(10 \times 1) = 11,8$	11,8
					3. Mihai Axinte <i>Proiectare asistata de calculator in Ingineria Materialelor</i> , suport de studiu/autoinstruire pentru disciplina Proiectare asistata de calculator 1, domeniul Inginerie Mecanica, program studiu Echipamente pentru procese industriale, format electronic, 236 pagini (2020), Link: <u><i>Proiectare asistata de calculator 1</i></u> Punctaj: $236/(10 \times 1) = 23,6$	23,6
			1.2.2 Îndrumătoare de laborator/apli cații (minim 1);	nr. pagini/(20 x nr. autori)		
					1. Dan-Gelu Gălușcă, Carmen Nejneru, Manuela Cristina Perju, Elena Chirilă, Dragoș Cristian Achiței, Mihai Axinte, <i>Tratamente Termice. Indrumar de laborator</i> , Editura Tehnopress, ISBN 978-973-702-861-7, pagini 234, (2011). Punctaj: $234/(20 \times 6) = 1,95$	1,95
					2. Mihai Axinte , <i>Proiectare Asistata de Calculator in Ingineria materialelor. Îndrumar pentru aplicații</i> , electronic web, 81 pagini, 2022, Link: <u>PAC1 – Îndrumar aplicații</u> Punctaj: $81/(20 \times 1) = 4,05$	4,05

	Activitatea de cercetare (A2)					Minim 160 de puncte Îndeplinit 245,89	
		2.1 Articole în reviste cotate ISI Thomson Reuters Web of Science Core Collection [FI – Factor de Impact], și în volume indexate ISI proceeding s, Web of Science, in specificul postului de concurs [2]	- Minim 10 pentru Conferentiar/ CS II din care - min 5 in reviste cotate ISI Thomson Reuters, [din care - min 3 cu de factor de impact (FI) de min 1 si - min 2 ca autor principal cu factor de impact minim 0,5] [3]		50*X/nr. autori [pt. reviste X=factorul de impact al revsitei, Pt. articole in volume X=0,1]	- Numar articole: • realizari 31 , minim 10 - indeplinit - Număr de lucrări în reviste cotate ISI Th.R. cu factor de impact: • realizari 14, minim 5 - indeplinit - Număr de lucrări în reviste cotate ISI Th.R. cu FI de min. 1: • realizari 7, minim 3 - indeplinit - Autor principal articole cu Fi > 0,5 • realizari 7, minim 2 - indeplinit	
						2.1.31. Journal - Mihai Axinte , Petrica Vizureanu, Nicanor Cimpoesu, Carmen Nejneru *, Diana-Petronela Burduhos-Nergis *, Elena-Luiza Epure, <i>Analysis of physicochemical properties of W1.8507 steel parts with sharp edges, thermochemically treated by plasma nitriding with and without polarized screen</i> Journal: Coatings, 2023, Manuscript ID: coatings-2130032 Autor pricipal: Prim autor, Certificat de acceptare 10.01.2023 FI(2021): 3,236 50*3,236/6=26,96	26,96
						2.1.30. Journal - Ana-Maria Roman, Ionelia Voiculescu, Ramona Cimpoeșu, Bogdan Istrate, Romeu Chelariu, Nicanor Cimpoeșu, Georgeta Zegan, Cătălin Panaghie, Nicoleta Monica Lohan, Mihai Axinte , Alice Mirela Murariu,	12,13

						<p><i>Microstructure, shape memory effect, chemical composition and corrosion resistance performance of biodegradable FeMnSi-Al alloy,</i> <i>Crystals</i> 2023, 13, 109. https://doi.org/10.3390/cryst1301010, Autor Principal: autor corespondent FI: 2,670; Punctaj $50 \times 2,670 / 11 = 12,13$</p>	
						<p>2.1.29. Journal - Costică Bejinariu, Viorel Paleu, Ciprian Stamate, Ramona Cimpoeșu, Margareta Coteață, Gheorghe Bădăraș, Mihai Axinte, Bogdan Istrate, Gabriel Dragos Vasilescu and Nicanor Cimpoeșu, <i>Microstructural, Corrosion Resistance and Tribological Properties of Al₂O₃ Coatings Prepared by Atmospheric Plasma Spraying</i> <i>Materials</i> (2022), 15, 9013. https://doi.org/10.3390/ma15249013 FI : 3,748 Punctaj $50 \times 3,748 / 10 = 18,74$</p>	18,74
						<p>2.1.28. Journal - Carmen Nejneru, Diana-Petronela Burduhos-Nergis, Mihai Axinte, Manuela Cristina Perju , Costica Bejinariu, <i>Corrosion Behaviour of Nodular Cast Iron Used for Rotor Manufacturing in Different Wastewaters</i>, <i>Coatings</i> 2022, 12, 911. https://doi.org/10.3390/coatings12070911, Autor Principal: autor corespondent FI(2021): 3,236 $50 \times 3,236 / 5 = 32,36$</p>	32,36
						<p>2.1.27. Journal - Carmen Nejneru, Diana-Petronela Burduhos-Nergis, Mihai Axinte, Manuela Cristina Perju, Costica Bejinariu, <i>Analysis of the Physical-Mechanical Properties of the Zinc Phosphate Layer Deposited on a Nodular Cast Iron Substrate</i> , <i>Coatings</i> 2022, 12, 1384. https://doi.org/10.3390/coatings12101384 Autor principal : autor corespondent FI : 3,236, $50 \times 3,236 / 5 = 32,36$</p>	32,36
						<p>2.1.26.</p>	11,4

					Journal - Sioustis, Ioana-Andreea; Axinte, Mihai ; Prelipceanu, Marius; Martu, Alexandra; Kappenberg-Nitescu, Diana-Cristala; Teslaru, Silvia; Luchian, Ionut; Solomon, Sorina Mihaela; Cimpoesu, Nicanor; Martu, Silvia <i>Finite Element Analysis of Mandibular Anterior Teeth with Healthy, but Reduced Periodontium</i> APPLIED SCIENCES-BASEL ISSN 2076-3417, 2021, Vol. 11, Issue 9, Doi: 10.3390/app11093824, WOS:000649913300001 Autor principal: autor corespondent FI(2021): 2.838 Punctaj: 50*2,838/10=11,4	
					2.1.25. Conference - Axinte, Mihai ; Cimpoesu, Ramona; Chicet, Daniela-Lucia; Manole, Vasile; Cimpoesu, Nicanor; Ciubara, Anamaria; Burlea, Stefan-Lucian; Burlea, Georgeta <i>Printing Manufacturing for Medical & Educational Prototype Device Elements</i> 5th International Conference on Control, Automation and Robotics (ICCAR), APR 19-22, 2019, Beijing, PEOPLES R CHINA, ISBN, 978-1-728 1-3326-3, 2019, pg. 812-816, DOI: 10.1109/ICCAR.2019.8813696, EID: 2-s2.0-85072300758, WOS:000589413000149 Autor principal: Prim autor Punctaj: 50x0,1/7 =0,71	0,71
					2.1.24. Conference - Perju, M. C.; Savin, C.; Nejneru, C.; Axinte, M. ; Achitei, D. C.; Bejinariu, C. <i>Aspects Regarding Instantaneous Corrosion of Nodular Iron in Household Wastewater</i> , EUROINVENT International Conference on Innovative Research (ICIR), MAY 17-18, 2018, Iasi, ROMANIA, ISSN 1757-8981, 2018, Vol. 374 Doi:10.1088/1757-899X/374/1/012016, WOS:000446775900016 Punctaj: 50x0,1/6 =0,83	0,83
					2.1.23. Conference - Ciubara, A.; Burlea, S. L.; Axinte, M. ; Cimpoesu, R.; Chicet, D. L.; Manole, V.; Burlea, G.; Cimpoesu, N.	0,62

						<p><i>3D Printer-Manufacturing of Complex Geometry Elements</i> EUROINVENT International Conference on Innovative Research (ICIR), MAY 17-18, 2018, Iasi, ROMANIA, ISSN 1757-8981, 2018, Vol. 374, Doi:10.1088/1757-899X/374/1/012066, WOS:000446775900066 Punctaj: 50x0,1/8 =0,62</p>	
						<p>2.1.22. Conference - Ciubara, A.; Burlea, S. L.; Axinte, M.; Cimpoesu, R.; Chicet, D. L.; Manole, V.; Burlea, G.; Cimpoesu, N. <i>Design and production of plastic parts for read-write didactic equipment using 3D printer</i> Conference Series-Materials Science and Engineering, 8th International Conference on Advanced Concepts in Mechanical Engineering (ACME), JUN 07-08, 2018, Iasi, ROMANIA, ISSN 1757-8981, 2018, Vol. 444, Doi: 10.1088/1757-899X/444/3/032013, WOS:000467443600035 Punctaj: 50x0,1/8 =0,62</p>	0,62
						<p>2.1.21. Conference - Perju, M. C.; Tugui, C. A.; Nejneru, C.; Axinte, M.; Vizureanu, P., <i>ESD morphology deposition with WZr8 electrode on austenitic stainless steel support</i> Conference Series-Materials Science and Engineering, EUROINVENT International Conference on Innovative Research (ICIR Euroinvent), MAY 19-20, 2016, Iasi, ROMANIA, ISSN 1757-8981, 2016, Doi:13310.1088/1757-899X/133/1/012025; WOS:000391140000025 Punctaj: 50x0,1/5 =1</p>	1
						<p>2.1.20. Conference - Girnet, A.; Stanciu, S.; Chicet, D.; Axinte, M.; Goanta, V. <i>Correlation of mechanical properties with the acoustic properties in case of an experimental white cast iron</i>, Conference Series-Materials Science and Engineering, 7th International Conference on Advanced Concepts in Mechanical</p>	1

					Engineering (ACME), JUN 09-10, 2016, Iasi, ROMANIA, ISSN 1757-8981, 2016, Vol. 147, Doi:10.1088/1757-899X/147/1/012035, WOS:000390720200035 Punctaj: 50x0,1/5 =1	
					2.1.19 Journal - Nejneru, Carmen; Perju, Manuela Cristina; Sandu, Andrei Victor; Axinte, Mihai ; Quaranta, Marta; Sandu, Ion; Costea, Maria; Abdullah, Mohd Mustafa Al Bakri <i>Corrosion Behaviour of Tin Bronze for Shipbuilding Industry</i> , REVISTA DE CHIMIE, ISSN 0034-7752, 2016, Vol. 67, Issue 6, pg. 1191-1194, WOS:000385510300035, EID: 2-s2.0-84981484962, https://www.revistadechimie.ro/ FI(2016): 1.232 Punctaj: 50x1,223/8=7,64	7,64
					2.1.18. Journal - Axinte, Mihai ; Nejneru, Carmen; Perju, Manuela-Cristina; Sandu, Andrei Victor; Aelenei, Marinela-Delia; Costea, Maria <i>Corrosion Behaviour of Some Steels in Black Sea Water</i> REVISTA DE CHIMIE, ISSN 0034-7752, 2015, Vol. 66, Issue 11, pg. 1846-1851, WOS:000368213500029, EID: 2-s2.0-84954567898, https://www.revistadechimie.ro/ Autor principal: prim autor FI(2015): 0.956 Punctaj: 50x0,956/6=7,96	7,96
					2.1.17. Journal - Tugui, C. A.; Nejneru, C.; Galusca, D. G.; Perju, M. C.; Axinte, M. ; Cimpoesu, N.; Vizureanu, P. <i>The influence of the Al deposition by MOC-CVD method on stainless steel thermal conductivity depending on the substrate roughness</i> , JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, ISSN 1454-4164, eISSN 1841-7132, 2015, Vol. 17 Issue 11-12, pg. 1855-1861,	3,57

					WOS:000368046700036, EID: 2-s2.0-84953393608, https://joam.inoe.ro/ Autor principal: autor corespondent FI(2017):0,51. Punctaj: 50x0,51/7 =3,57	
					2.1.16 Conference - Baltatescu, O.; Axinte, M. ; Barbu, G.; Manole, V. <i>New approach for porous materials obtaining using centrifugal casting,</i> Conference Series-Materials Science and Engineering, 3rd International Conference on Modern Technologies in Industrial Engineering (ModTech), JUN 17-20, 2015, Mamaia, ROMANIA, ISSN 1757-8981, 2015, Vol. 95, Doi: 10.1088/1757-899X/95/1/012018, WOS:000365128900018 Punctaj: 50x0,1/4 =1,25	1,25
					2.1.15. Conference - Tugui, Catalin Andrei; Axinte, Mihai ; Nejneru, Carmen; Vizureanu, Petrica; Perju, Manuela Cristina; Chicet, Daniela, <i>Active Screen Plasma Nitriding Efficiency and Ecology,</i> Applied Mechanics and Materials, Innovative Manufacturing Engineering Conference (IManE), MAY 29-30, 2014, Chisinau, MOLDOVA, ISSN 1660-9336, ISBN 978-3-03835-275-4, 2014, Vol. 657, Pg. 369+, Doi: 10.4028/www.scientific.net/AMM.657.369, WOS:000348898000072 Punctaj: 50x0,1/6 =0,83	0,83
					2.1.14. Conference - Hopulele, Ion; Axinte, Mihai ; Nejneru, Carmen, <i>Alloys with Acoustic Properties,</i> Applied Mechanics and Materials, Innovative Manufacturing Engineering Conference (IManE), MAY 29-30, 2014, Chisinau, MOLDOVA, ISSN 1660-9336, ISBN 978-3-03835-275-4, 2014, Vol. 657, Pg. 417+, Doi: 10.4028/www.scientific.net/AMM.657.417, WOS:000348898000081 FI (2014): 0,1 Punctaj: 50x0,1/3 =1,66	1,66

					<p>2.1.13. Journal - Axinte, Mihai; Nejneru, Carmen; Stroe, Aurelia; Agop, Maricel, <i>Experimental Investigations on the Plasma Nitriding Process Control Using Ionic Triode</i>, Metalurgia International, ISSN 1582-2214, 2013, Vol. 18, Issue 1, Pg. 26-31, WOS:000313469400007 Punctaj: 50x0,1/4 =1,25</p>	1,25
					<p>2.1.12. Journal - Axinte, Mihai; Nejneru, Carmen; Stroe, Aurelia; Poll, Emilia; Agop, Maricel, <i>A unitary theory to the hollow cathode effect with implications in ionic nitriding</i>, Metalurgia International, ISSN 1582-2214, 2013, Vol. 18, Issue 1, Pg. 32- 39, WOS:000313469400008 Punctaj: 50x0,1/5 =1,00</p>	1,00
					<p>2.1.11. Conference - Nejneru, Carmen; Axinte, Mihai; Perju, Manuela-Cristina <i>Object Oriented Finite Element Analysis on Microstructure for W1.8507</i>, Applied Mechanics and Materials, 17th International Conference on Innovative Manufacturing Engineering, MAY 23-24, 2013, Iasi, ROMANIA, ISSN 1660-9336, ISBN 978-3- 03785-786-1, 2013, Vol. 371, pg. 358-362, Doi: 10.4028/www.scientific.net/AMM.371.358, WOS:000334556900070 FI (2013): 0,1 Punctaj: 50x0,1/3 =1,66</p>	1,66
					<p>2.1.10. Conference - Nejneru, Carmen; Perju, Manuela-Cristina; Axinte, Mihai <i>Researches Regarding Ti/W/TiC Triple Layers Deposition on the Ferritic-Pearlitic Cast Iron Support, Obtained by Electro- Spark Deposition Method</i>, Applied Mechanics and Materials, 17th International Conference on Innovative Manufacturing Engineering, MAY</p>	1,66

					23-24, 2013, Iasi, ROMANIA, ISSN 1660-9336, ISBN 978-3-03785-786-1, 2013, Vol. 371, pg. 363-367, Doi:10.4028/www.scientific.net/AMM.371.363WOS:000334556900071 FI (2013): 0,1 Punctaj: 50x0,1/3 =1,66	
					2.1.9. Journal - Nejneru, Carmen; Grecu, Adrian; Vizureanu, Petrica; Axinte, Mihai ; Perju, Manuela-Cristina <i>Researches On Thermal Fatigue Influence Concerning Quenching Cooling Characteristics For Carboximethyl Cellulose Solution In Water</i> , Metalurgia International, ISSN 1582-2214, 2013, Vol. 18, Special Issue 6, pg. 33-36, WOS:000315835600007 Punctaj: 50x0,1/5 =1,00	1,00
					2.1.8. Journal - Nejneru, Carmen; Axinte, Mihai ; Vizureanu, Petrica; Perju, Manuela-Cristina; Hopulele, Ion <i>Polarised Screen Influence On Plasma Discharge Stability For Plasma Nitriding Technique</i> , Metalurgia International, ISSN 1582-2214, 2013, Vol. 18, Special Issue 5, pg. 117-120, WOS:000315611900023 Punctaj: 50x0,1/5 =1,00	1,00
					2.1.7. Journal - Perju, Manuela-Cristina; Nejneru, Carmen; Vizureanu, Petrica; Axinte, Mihai <i>The Surface Modification Of Low Alloy Steel With Ni Electrode By Electrospray Deposition Method</i> , Metalurgia International, ISSN 1582-2214, 2013, Vol. 18, Special Issue 5, pg. 174-177, WOS:000315611900035 Punctaj: 50x0,1/4 =1,25	1,25
					2.1.6. Conference - Achitei, Dragos Cristian; Vizureanu, Petrica; Galusca, Dan Gelu; Axinte, Mihai ,	1,25

						<p><i>Thermomechanical Fatigue Behaviour Of Shape Memory Alloy Cu(75.4)Zn(18.6)Al(5.85),</i> International Conference ModTech Proceedings16th International Conference on Modern Technologies, Quality and Innovation, MAY 24-26, 2012, Sinaia, ROMANIA, ISSN 2069- 6736, 2012, pg. 1-4, WOS:000392261800001 Punctaj: 50x0,1/4 =1,25</p>	
						<p>2.1.5. Journal - Axinte, Mihai; Nejneru, Carmen; Agop, Marcel, <i>Study On The Polarized Grid Effect To The Parts Cathodic Sputtering On Plasma Nitriding,</i> Metalurgia International, ISSN 1582-2214, 2012, Vol. 17, Issue 12, pg. 87- 92, WOS:000309145500018 FI (2012): 0,134 Punctaj: 50x0,134/3 =2,23</p>	2,23
						<p>2.1.4. - Conference - Axinte, Mihai; Nejneru, Carmen; Agop, Maricel; Hopulele, Ion, <i>Study Regarding Parameters Comparison For Low Pressure Grid Plasma Discharge In Nitrogen And Argon Atmosphere,</i> International Conference ModTech Proceedings16th International Conference on Modern Technologies, Quality and InnovationMAY 24-26, 2012, Sinaia, ROMANIA, ISSN 2069- 6736, 2012, pg. 41-44, WOS:000392261800011 Punctaj: 50x0,1/4 =1,20</p>	1,20
						<p>2.1.3. Conference - Grecu, Adrian; Vizureanu, Petrica; Baban, Cristian-Ioan; Nejneru, Carmen; Axinte, Mihai, <i>Thermal Fatigue Influence On Carboxymethylcellulose Sinthetic Quenching Environments,</i> International Conference ModTech Proceedings16th International Conference on Modern Technologies, Quality and Innovation, MAY 24-26, 2012, Sinaia, ROMANIA, ISSN 2069- 6736, 2012, pg. 421-424,</p>	1,00

						WOS:000392261800106 Punctaj: 50x0,1/5 =1	
						2.1.2. Conference - Nejneru, Carmen; Perju, Manuela-Cristina; Vizureanu, Petrica; Axinte, Mihai , <i>Comparative Study On The Single Layer Deposition Of Ti On Gray Cast Iron And Low Alloy Steel Matrix Using Electrospark Deposition Method</i> , International Conference ModTech Proceedings16th International Conference on Modern Technologies, Quality and Innovation, MAY 24-26, 2012, Sinaia, ROMANIA, ISSN 2069- 6736, 2012, pg. 665 – 668, WOS:000392261800167 Punctaj: 50x0,1/4 =1,25	1,25
						2.1.1. Journal - Cimpoesu, N.; Axinte, M. ; Hanu, R. Cimpoesu; Nejneru, C.; Achitei, D. C.; Stanciu, S. <i>Behavior Simulation Of A Copper Based Shape Memory Alloy Under An External Solicitation</i> Journal of optoelectronics and advanced materials, ISSN 1454-4164, eISSN 1841-7132, 2010, Vol. 12, Issue 8, pg. 1772-1776, WOS:000281695300024, https://joam.inoe.ro/articles/behavior-simulation-of-a-copper-based-shape-memory-alloy-under-an-external-solicitation/fulltext FI (2014) =0,429 Punctaj: 50x0,429/6=3,58	3,58
						Total 2.1.	180,97
		2.2 Articole in reviste si volumele unor manifestări ştiinţifice indexate în alte baze de date internaţion ale [BDI],			50*X/nr. autori X=0,08		

		in specificul postului de concurs					
						2.2.21 C.A. Tugui, P. Vizureanu, C. Nejneru, M.C. Perju and M. Axinte , <i>Quality Surface Modification for Refractory Stainless Steel by Tungsten Deposition, Using Electro-Spark Deposition Method</i> , IMANE 2015, Applied Mechanics and Materials, vol. 809-810, pg.417-422, 2015, 50x0,08/5=0,8	0,8
						2.2.19. Bălătescu Oana, Chicet Daniela, Axinte Mihai , Bujoreanu Carmen, <i>A study on damping capacity of aluminium-based metallic foam</i> , TEHNOMUS - New Technologies and Products in Machine Manufacturing Technologies, pp 556, 2015 , 50x0,08/4=1	1
						2.2.18. Manoliu (Nuțescu), O. Bălătescu, I. Carcea, N. Cimpoeșu, M.Axinte , C. Adoroei, <i>Research on obtaining open-cell foam by molten metal infiltration</i> , ModTech 2013 International Conference, 27-29 June, 2013, Sinaia, Romania, Advanced Materials Research Vol. 1036 (2014) pp 46-51, TTP doi:10.4028/www.scientific.net/AMR.1036.46. Punctaj:50x0,08/6=0,66	0,66
						2.2.17 - Conference - Mihai AXINTE , Carmen NEJNERU, Manuela-Cristina PERJU and Ion Hopulele, <i>Plasma discharge variation using a polarized screen under a floating potential</i> , Tehnomus New Technologies and Products in Machine Manufacturing Technologies, Suceava, revistă indexată BDI (Index Copernicus), pg. 392-396, ISSN 1224-029X, 2013. 50x0,08/4=1	1
						2.2.16 - Conference - Alexandru Enache, Mihai AXINTE ,	2

						<i>Shape memory alloys composite bistables actuators</i> , Tehnomus New Technologies and Products in Machine Manufacturing Technologies, Suceava, revistă indexată BDI (Index Copernicus), pg. 316-318, ISSN 1224-029X, 2013. 50x0,08/2=2	
						2.2.15. Journal - Mihai AXINTE, Manuela-Cristina PERJU, Carmen NEJNERU, and Cătălin Andrei ȚUGUI – Unconventionally microstructure behavior analysis for W18507, The Annals of „Dunărea de Jos” University of Galați, Fascicle IX Metallurgy and Materials Science November 2013 Special Issue, ISSN 1453– 083X, 2013, revistă indexată BDI (CNCSIS categoria B+) . 50x0,08/4=1	1
						2.2.14 – Journal - Manuela-Cristina PERJU, Carmen NEJNERU, Petrica VIZUREANU, Mihai AXINTE , and Dragos Cristian ACHITEI, <i>Studies on Layer-Material Interface at Deposition by Impulse Electrical Discharge Method</i> , The Annals of „Dunărea de Jos” University of Galați, Fascicle IX Metallurgy and Materials Science November 2013 Special Issue, pg. 92-96, ISSN 1453– 083X, 2013, revistă indexată BDI (CNCSIS categoria B+) 50x0,08/5=0,88	0,8
						2.2.13 – Journal - Axinte, M. , Perju, M.C., Nejneru C., Hopulele I., Cimpoeșu I. <i>Quality surface analysis for polarized grid plasma nitriding</i> , The Annals of „Dunărea de Jos” University of Galați, Fascicle IX Metallurgy and Materials Science no.1, pg. 59-64, ISSN 1453– 083X, 2013, revistă indexată BDI (CNCSIS categoria B+) 50x0,08/5=0,88	0,8
							2
						2.2.12 Mihai AXINTE, Manuela-Cristina PERJU, Carmen NEJNERU, and Ion Hopulele – <i>Plasma discharge variation using a polarized screen under a floating potential</i> , Tehnomus New Technologies and Products in Machine Manufacturing Technologies, Suceava, revistă indexată BDI	1

					(Index Copernicus), pg. 392-396, ISSN 1224-029X, 2013. 50x0,08/4=1	
					2.2.11 - Conference - Hopulele I., Nejneru, C., Perju, M.C., Axinte, M. , <i>Properties, testing and choice of materials for bells</i> , Artcast 2012 Conference, The annals of „Dunărea de jos” University of Galați, Fascicle IX Metallurgy and Materials Science, Special Issue, ISSN 1453-083X, pg. 52-56, 2012 50x0,08/4=1	1
					2.2.10 – Conference - Axinte, M. , Nejneru, C., Perju, M.C., Hopulele I. – <i>Polarized grid influence on the microstructural characteristics for plasma nitrided layers</i> , Artcast 2012 Conference, The annals of „Dunărea de jos” University of Galați, Fascicle IX Metallurgy and Materials Science, Special Issue, ISSN 1453-083X, pg. 152-157, 2012 50x0,08/4=1	1
					2.2.9 – Conference - Achiței Dragoș Cristian, Hopulele Ion, Perju Manuela Cristina, Axinte Mihai , <i>Study of thermomechanical fatigue for shape memory alloys type CuZnAl</i> , Tehnomus New Technologies and Products in Machine Manufacturing Technologies (2011), no.18, Suceava, revistă indexată BDI (Index Copernicus), pg. 321-324, ISSN 1224-029X, (2011) 50x0,08/4=1	1
					2.2.8 – Conference - Manuela Cristina Perju, Dragoș Cristian Achiței, Carmen Nejneru, Anca Elena Lărgeanu, Mihai Axinte , Ion Hopulele, <i>Study for the variation of hardness and resilience characteristics after heat treatment for stainless steels</i> , Tehnomus New Technologies and Products in Machine Manufacturing Technologies, no.18, Suceava, revistă indexată BDI (Index Copernicus), pg. 27-30, ISSN 1224-029X, (2011) 50x0,08/6=0,66	
					2.2.7 – Conference - Axinte, M. , Nejneru, C., Perju, M.C., Cimpoeșu, N., Hopulele I., <i>Research on hollow cathode effect and edge effect avoidance in plasma nitriding treatment</i> ,	0,8

						Tehnomus New Technologies and Products in Machine Manufacturing Technologies, 2011, no.18, Suceava, pg. 181-184, ISSN 1224-029X, articol indexat BDI (Index Copernicus). 50x0,08/5=0,8	
						2.2.6 – Conference - Hopulele Ion, Nejneru Carmen, Perju Manuela Cristina, Axinte Mihai , <i>Thin Layers Obtaining by Electric Spark in Liquid Medium</i> , The Annals of „Dunarea de Jos” University of Galati, fasc.IX, no.4, ISSN 1453-083X, pg.73-77, 2010. https://www.gup.ugal.ro/ugaljournals/index.php/mms/article/view/2980 50x0,08/4=1	1
						2.2.5 – Conference - Adrian GRECU, Carmen NEJNERU, Mihai AXINTE , Ioan HOPULELE, Dan Gelu GĂLUȘCĂ, <i>Research regarding temperature influence on classic and synthetic quenching environments</i> , UgalMat 2009 Conference, The Annals of “Dunarea de Jos”, University of Galati, fasc.IX, Metallurgy and Materials Science, nr.1, pag.64-69, 2009, ISSN 1453-083X revistă indexată in baze de date BDI http://www.fascicula9.ugal.ro/uploads/pdf/A11_1_2009.pdf 50x0,08/5=0,8	0,8
						2.2.4 – Conference - Nejneru Carmen, Perju Manuela Cristina, Sandu Victor Andrei, Lărgeanu Anca Elena, Axinte Mihai , Răileanu Tudor, <i>Researches regarding unipulse depositions morphology with Ti electrode on the phosphorous cast iron using the vibrator electrode method</i> , The 15-th international conference: Tehnomus, New technologies and products in machine manufacturing technologies, Suceava, 8-9 mai, pg. 201-205, ISSN 1224-029X, (2009). 50x0,08/6=0,66	0,66
						2.2.4 – Conference - Axinte, M. , Nejneru C., Ștefan, M., Hopulele I. – <i>Facility for study heating and diffusion processes in terms of ionic triode plasma –</i>	1

						Tehnomus XV, Suceava, Ed. Matrix Rom, pag. 223-228, ISSN-1224-029X, 2009. 50x0,08/4=1	
						2.2.4 – Conference - Carmen Nejneru, Manuela Perju, Andrei-Victor Sandu, Mihai Axinte , Gina Ungureanu, <i>Improvement on cast-irons corrosion properties for decorations through metallic coatings</i> , publicat în volumul Conferinței Artcast, Galați, pg.98-103 ISBN: 978-973-7845-94-8, (2008) 50x0,08/5=0,8	0,8
						2.2.3 – Conference - Perju Manuela, Nejneru Carmen, Răileanu Tudor, Axinte Mihai , Hopulele Ion, <i>Hardening of the grey cast iron through the vibrating electrode method using a WC electrode and in combination with TiC and Ti electrode</i> , The Annals of “Dunărea de Jos” University of Galați, fasc. IX. Metallurgy And Materials Science No. 1, ISSN 1453-083X, pg.55-59, (2008). 50x0,08/5=0,8	0,8
						2.2.2 – Conference - Nicanor Cimpoeșu, Carmen Nejneru, Dragoș Achiței, Mihai Axinte , <i>Shape memory alloys, contemporaneous art applications, internal friction influence</i> - publicat în volumul Conferinței Artcast, Galați, pag.130-135, ISBN: 978-973-7845-94-8, (2008) 50x0,08/4=1	1
						2.2.1 – Conference - Nejneru Carmen, Răileanu Tudor, Perju Manuela, Axinte Mihai , <i>Researches concerning the hardening of the grey cast iron through the vibrating electrode methode using a WC and Ti electrode</i> , The 14th international conference Tehnomus: New technologies and products in machine manufacturing technologies, Suceava, pg.391-396, ISSN 1224 – 029X, (2007). 50x0,08/4=1	1
						Total 2.2.	21,92

		2.4 Granturi/proiecte câștigate prin competiție/Contracte cu agenți economici, min 10000, echivalent Euro, incasati	2.4.1 Director /Responsabil Minim 1 pentru Conferențiar /CS II	2.4.1.2 Naționale	5 x ani desfășurare	Director proiect Axinte Mihai "Nord Est Start Up – program de antreprenariat" POCU/82/3/7/105061, Nr. 1138/15.07.2019, „Producție piese prin imprimare 3D”, 144.400 lei (29.905 Euro), 2019-2020 Tulasi, facultatea SIM, contract de colaborare 6090/07.11.2019, contract de comodat 4279/25.02.2021 Proiectul este cofinanțat de Uniunea Europeană din Fondul Social European prin Programul Operațional Capital Uman 2014-2020 POCU/82/3/7/105061 Axa prioritară 3 „Locuri de muncă pentru toți”, Obiectivul specific 3.7 „Creșterea ocupării prin susținerea întreprinderilor cu profil non-agricol din zona urbană” - schema de ajutor de minimis „România Start Up Plus”. Punctaj: 5x2ani=10p Poziția 24 pe lista proiectelor câștigătoare: https://nord-est-startup.ro/lista-finala-castigatori-proiecte/	10
						Director proiect Axinte Mihai (SGCU-PV) – Subproiect "Șansă la Educație la Știința și Ingineria Materialelor" (SESIM), AG 118/SGU/PU/II, 180095,8 (36382Euro), 2022 Punctaj: 5x1an=5p	5
			2.4.2 Membru in echipă	2.4.2.2 Naționale	2 x ani desfășurare		
						POCU/626/6/13 ID:131118, Insertia absolvenților prin stagii de pregătire PRACTică moderne și eficiente din cadrul Universității TEHnice Gheorghe Asachi din Iași, pe piața muncii – PRACTEH, in perioada 02.2021-30.06.2021 Valoarea totală a proiectului a fost de 4.741.748,54 lei. Perioada desfasurare proiect: 2 ani Director proiect: conf. univ. dr. ing. Lidia Gaiginschi Membru în echipă: Expert stagii de practică Punctaj: 2x1 an=2 p	2
						Contract de finanțare pentru executie proiecte AG 196/SGU/NC/II din 13.09.2019, Titlu: "Integrare cu succes la studii universitare la Facultatea de Știința și Ingineria Materialelor din Universitatea Tehnică „Gheorghe Asachi” din Iași"	6

					<p>Acronim proiect: Success_key. Periaada desfasurare proiect: 3 ani Director de Grant: Prof. univ. dr. ing. Costica BEJINARIU Membru în echipă: Expert Punctaj: 2x3 ani= 6</p>	
					<p>Proiectul privind Învățământul secundar ROSE - (SGCU-PV) – Subproiect "Șansă la Educație la Știința și Ingineria Materialelor" (SESIM), AG 118/SGU/PU/II, Director grant prof. univ. dr. ing. Radu-Ioachim Comaneci, 04.06.2021-20.05.2022, 403.193 lei (83.304Euro), Perioada desfasurare proiect: 1 an Membru în echipă: Expert formare Punctaj: 2x1 ani = 2p</p>	2
					<p>Proiectul privind Învățământul secundar ROSE - (SGCU-PV) – Subproiect "Creativitate si Educație la Știința și Ingineria Materialelor" (CESIM), AG 341/SGU/PU/II, Director grant ș. I. dr. ing. Daniela-Lucia Chicet. Perioada desfasurare proiect: 2 ani (2021, 2022) Membru în echipă: Asistent proiect, Expert formare Punctaj: 2x2ani=4p</p>	4
					<p>Proiect PN-III-P2-2.1-CI-2017-0539. nr.110CI/2017, Cecuri de inovare, cu titlul Proiectarea unui echipament pentru dezvoltarea etapei de învățare a scris-cititului (domeniul de încadrare: materiale avansate). Director proiect: Anamaria Ciubara Responsabil proiect conf. dr. ing. Cimpoesu Nicanor Valoare proiect: 50000 RON Perioada derulare proiect: 25.08.2017-31.12.2017 Membru în echipă Punctaj: 2x1an = 2p</p>	2
					<p>Proiect "Dezvoltarea culturii antreprenoriale a studentilor de la inginerie si arhitectură prin crearea unei rețele de centre de pregătire în antreprenoriat -ANTREPRENORING" POCU/379/6/21/123975 07-07.2021-07.11.2021 Director proiect: prof. dr. ing. Neculai Seghedin Perioada derulare proiect: 1 an Membru în echipă: Tutor întreprindere 2</p>	2

						Punctaj: 2x1an = 2p	
						Proiect "De la Teorie la Practica" RO/POS DRU 90/2.1/5/58123/ Interprimdere simulate 2011 17.06.2011-31.10.2011 Perioada derulare proiect: 1 an Director proiect: Prof. Dr. ing. Baciou Constantin Membru în echipă: Expert local întreprindere simulate Punctaj: 2x1an = 2p	2
						Proiect strategic nr. 57/1.3/s/17884 "Specializarea personalului didactic Universitar pentru funcția de supervisor de practică tehnologică și de cercetare", Proiect finantat din Fondul Social European prin Programul Operational Sectorial Dezvoltarea Resurselor Umane 2007-2013 Axa prioritara 1, "Educatia si formarea profesionala in sprijinul cresterii economice si dezvoltarii socoetatii bazate pe cunoastere", Domeniul major de interventie 1.3. "Dezvoltarea resusrelor umane in educatie si formare profesionala", Beneficiar Universitatea Tehnica Gheorghe Asachi din Iasi, Manager proiect: Prof. Univ. Dr. Ing. Mircea-Dan Gușă Perioada 01.04.2011-30.11.2012. Membru în grupul țintă Punctaj: 2x2 ani = 4p	4
						Proiectul POSDRU/87/1.3/S/60891. , "Școală universitară de formare inițială și continuă a personalului didactic si a trainerilor din domeniul specializărilor tehnice și ingineresti", DidaTec, Axa prioritara 1, "Educatia si formarea profesionala in sprijinul cresterii si dezvoltarii socitatii bazate pe cunoastere", Domeniul major de interventie 1.3. "Dezvoltarea resusrelor umane in educatie si formare profesionala" Perioada: 2012-2013 Membru in echipa Punctaj: 2x2 ani = 4p	4
						Total 2.4	43
						Total 2	245,89
3	Recunoașt erea și impactul					Minim 60 de puncte, Îndeplinit 167,14 puncte	

	activități (A3)						
		3.1 Citări în reviste ISI [FI – factor de impact] și BDI (FI se referă la revista în care a fost publicat articolul care citează)	Se exclud autocitățile tuturor coautorilor; lucrările citate: articol de revistă, conferință, carte, teză, brevet invenție Minimum 15 citări pentru Conferențiar, în ISI Thomson Reuters – Web of Science Core Collection și Scopus		5/A - ($F_i < 0,5$) 10/A - ($0,5 < F_i < 1$) 15/A - ($1 < F_i < 2$) 20/A - ($F_i > 2$) 30/A - ($F_i > 5$)	Minim 15 citări Îndeplinit 45 citări	
						3.1.11. Sioustis Ioana-Andreea; Axinte, Mihai ; Prelipceanu, Marius; Martu, Alexandra; Kappenberg-Nitescu, Diana-Cristala; Teslaru, Silvia; Luchian, Ionut; Solomon, Sorina Mihaela; Cimpoesu, Nicanor; Martu, Silvia <i>Finite Element Analysis of Mandibular Anterior Teeth with Healthy, but Reduced Periodontium</i> APPLIED SCIENCES-BASEL ISSN 2076-3417, 2021, Vol. 11, Issue 9, Doi: 10.3390/app11093824, WOS:000649913300001	
						1. Alcón S, Curto A, Alvarado M, Albaladejo A, Garcovich D, Alvarado-Lorenzo A. <i>Comparative Analysis of Periodontal Pain Using Two Different Orthodontic Techniques, Fixed Multibrackets and Removable Aligners: A Longitudinal Clinical Study with Monthly Follow-Ups for 12 Months.</i> <i>Applied Sciences</i> . 2021; 11(24):12013, https://doi.org/10.3390/app112412013 FI=2,838(2021) Punctaj 20/10=2	2
						2. M Haiducu, R A Ștepa, E R Chiurtu and I P Scarlat, <i>Research on the exposure of workers in a courier company to the exhaust emissions of diesel engines</i> , IOP Conf. Series: Materials Science and Engineering, International Conference on Innovative Research (ICIR Euroinvent 2022), https://iopscience.iop.org/article/10.1088/1757-899X/1251/1/012003/meta , FI(2021)=0,48 Punctaj 5/10=0,5	0,5

					<p>3. R Istoan, L D Manea, L Plesa, M L Tintisan, <i>Increasing the sustainability of construction sector by developing new products based on biomass and renewable polymers - bibliometric analysis</i>, International Conference on Innovative Research (ICIR Euroinvent 2022), IOP Conf. Series: Materials Science and Engineering 1251 (2022) 012005 doi:10.1088/1757-899X/1251/1/012005 FI(2021)=0,48 Punctaj 5/10=0,5</p>	0,5
					<p>3.1.10. M. Axinte, P. Vizureanu, C. Nejneru, A. V. Sandu, and M. C. Perju, <i>Surface quality improvements using active screen in plasma nitriding technology</i>, AIP Conference Proceedings 2291, 020040 (2020); https://doi.org/10.1063/5.0023854 Autor principal: prim autor</p>	
					<p>1. C Siciliano and D Procopio, <i>High-resolution NMR and MALDI-MS molecular profiling of craft beers</i>, IOP Conference Series: Materials Science and Engineering, Volume 1251, International Conference on Innovative Research (ICIR Euroinvent 2022) Iasi, Romania IOP Conf. Ser.: Mater. Sci. Eng. 1251 012004 DOI 10.1088/1757-899X/1251/1/012004 Factor impact: 0,48 Punctaj: 5/5 = 1p</p>	1
					<p>3.1.9.. M C Perju, C Savin, C Nejneru, M Axinte, D C Achitei and C Bejinariu, <i>Aspects Regarding Instantaneous Corrosion of Nodular Iron in Household Wastewater</i>, IOP Conference Series: Materials Science and Engineering, Volume 374, conference 1, EUROINVENT International Conference on Innovative Research (ICIR) 2018</p>	

					1. Paleu, CC ; Paleu, V ; Istrate, B ; Cimpoesu, N ; Munteanu, Thin coatings for pumping station mechanical components C Cirlan Paleu et al 2019 IOP Conf. Ser.: Mater. Sci. Eng. 591 012007, FI=0,55 Punctaj 10/6=1,66	1,66
					3.1.8. Ciubara, A.; Burlea, S. L.; Axinte, M.; Cimpoesu, R.; Chicet, D. L.; Manole, V.; Burlea, G.; Cimpoesu, N. <i>Design and production of plastic parts for read-write didactic equipment using 3D printer</i> Conference Series-Materials Science and Engineering, 8th International Conference on Advanced Concepts in Mechanical Engineering (ACME), JUN 07-08, 2018, Iasi, ROMANIA, ISSN 1757-8981, 2018, Vol. 444, Doi: 10.1088/1757-899X/444/3/032013, WOS:000467443600035	
					1. N. Negru, M. Leba, S. Rosca, L. Marica and A. Ionica <i>A new approach on 3D scanning-printing technologies with medical applications</i> International Conference on Innovative Research - ICIR EUROINVENT 2019 IOP Conf. Series: Materials Science and Engineering 572 (2019) 012049 doi:10.1088/1757-899X/572/1/012049 Factor impact: 0,48 Punctaj: 5/8=0,62	0,62
					2. A Surleva,*, and L Angelova <i>Plant available potassium and phosphorus in arable soil: a comparative study on testing methods,</i> International Conference on Innovative Research (ICIR Euroinvent 2022), IOP Conf. Series: Materials Science and Engineering 1251 (2022) 012012 Punctaj: 5/8=0,62	0,62

					3. A C Siomin, M L Tintisan, A Zaharie, M Moldoveanu, D L Manea, E Jumate and R Fechete <i>Identifying the structure of a plaster mortar mixtures on the basis of NMR investigations.</i> OP Conf. Ser.: Mater. Sci. Eng. 1251 012009 DOI 10.1088/1757-899X/1251/1/012009 Punctaj: 5/8=0,62	0,62
					4. L Plesa, L D Manea, R Istoan, <i>Recycling plastic wastes in order to obtain new building materials,</i> 2022 IOP Conf. Ser.: Mater. Sci. Eng. 1251 012013 DOI 10.1088/1757-899X/1251/1/012013 Punctaj: 5/8=0,62	0,62
					3.1.7. Ciubara, A.; Burlea, S. L.; Axinte, M. ; Cimpoesu, R.; Chicet, D. L.; Manole, V.; Burlea, G.; Cimpoesu, N. <i>3D Printer-Manufacturing of Complex Geometry Elements</i> EUROINVENT International Conference on Innovative Research (ICIR), MAY 17-18, 2018, Iasi, ROMANIA, ISSN 1757-8981, 2018, Vol. 374, Doi:10.1088/1757-899X/374/1/012066, WOS:000446775900066	
					1. I Patrascu, M C Ducu*, A D Negrea, S G Moga and A G Plaiasu, <i>Overview on plasma electrolytic oxidation of magnesium alloys for medical and engineering applications,</i> IOP Conf. Series: Materials Science and Engineering, International Conference on Innovative Research (ICIR Euroinvent 2022), DOI 10.1088/1757-899X/1251/1/012001 Factor impact: 0,48 Punctaj: 5/8=0,62	0,62
					2. E M Stanciu, A Pascu*, I C Roată, C Iatan, E R Moldovan1 and M H Tierean, <i>Millisecond pulsed laser welding of AISI 316 stainless steel, International</i> Conference on Innovative Research	0,62

					(ICIR Euroinvent 2022), IOP Conf. Series: Materials Science and Engineering 1251 (2022) 012012 DOI 10.1088/1757-899X/1251/1/012012 Factor impact: 0,48 Punctaj: 5/8=0,62	
					3. A Surleva*, and L Angelova Plant available potassium and phosphorus in arable soil: a comparative study on testing methods, International Conference on Innovative Research (ICIR Euroinvent 2022), IOP Conf. Series: Materials Science and Engineering 1251 (2022) 012012 Punctaj: 5/8=0,62	0,62
					4. Markos Petousis, Nectarios Vidakis, Nikolaos Mountakis, Vassilis Papadakis, and Lazaros Tzounis, <i>Three-Dimensional Printed Polyamide 12 (PA12) and Polylactic Acid (PLA) Alumina (Al2O3) Nanocomposites with Significantly Enhanced Tensile, Flexural, and Impact Properties</i> , Nanomaterials 2022, 12, 4292. https://doi.org/10.3390/nano12234292 Factor impact: 5,719 Punctaj: 30/8 = 3,75	3,75
					5. A new approach on 3D scanning-printing technologies with medical applications N. Negru, M. Leba, S. Rosca, L. Marica and A. Ionica International Conference on Innovative Research - ICIR EUROINVENT 2019 IOP Conf. Series: Materials Science and Engineering 572 (2019) 012049 doi:10.1088/1757-899X/572/1/012049 Factor impact: 0,48 Punctaj: 5/8=0,62	0,62
					6. M. Tanjilula*, A. Senthil Kumara, <i>Die-sinking of super dielectric based electrical discharge machining using 3D printed electrodes</i> , Procedia CIRP 95 (2020) 471–475, https://doi.org/10.1016/j.procir.2020.02.324 Factor impact: 1,94 Punctaj: 15/8=1,87	1,87

					7. Gordeev, Evgeniy G; Ananikov, Valentine P. Widely accessible 3D printing technologies in chemistry, biochemistry and pharmaceuticals: Applications, materials and prospects Russian Chemical Reviews Volume 89, Issue 12, Pages 1507 - 1561 December 2020, DOI: 10.1070/RCR4980 Factor impact: 7, 460 Punctaj: 30/8 = 3,75	3,75
					3.1.6. Nejneru, Carmen; Perju, Manuela Cristina; Sandu, Andrei Victor; Axinte, Mihai ; Quaranta, Marta; Sandu, Ion; Costea, Maria; Abdullah, Mohd Mustafa Al Bakri <i>Corrosion Behaviour of Tin Bronze for Shipbuilding Industry</i> , REVISTA DE CHIMIE, ISSN 0034-7752, 2016, Vol. 67, Issue 6, pg. 1191-1194, WOS:000385510300035, EID: 2-s2.0-84981484962, https://www.revistadechimie.ro/	
					1. Gu, RN; Yao, XY; (...); Wong, KS, <i>Selective Laser Melting of Cu-10Sn-0.4P: Processing, Microstructure, Properties, and Brief Comparison with Additively Manufactured Cu-10Sn</i> , Advanced Engineering Materials, August 2021 DOI: 10.1002/adem.202100716, FI= 4.122 20/8=2,5	2,5
					2. Pietrusiewicz, P, <i>The Effect of Coloring on the Transmission of Electromagnetic Radiation in Eyeglass Lenses</i> , Materiale plastice, 55 (4) , pp.640-643, Dec 2018 , doi.org/10.37358/MP.18.4.5092 FI= 1.248 15/8=1,88	1,88
					3. Mariana Ciurdas et.al, <i>Heat Treatment Influence on the Corrosion Resistance of a Cu-Al-Fe-Mn Bronze</i> Revista de Chimie (Rev. Chim.), 2018, Volum 69, Issue 5, 1055-1059, https://doi.org/10.37358/RC.18.5.6260 FI= 1.412	1,88

						15/8=1,88	
						4. C D Florea, C Bejinariu, C Munteanu, B Istrate, S L Toma, A Alexandru and R Cimpoesu, <i>Corrosion Resistance of a Cast-Iron Material Coated With a Ceramic Layer Using Thermal Spray Method</i> IOP Conf. Series: Materials Science and Engineering 374 (2018) 012028 doi:10.1088/1757-899X/374/1/012028 5/8=0,62	0,62
						5. Gabriela Gladiola Andruseac, Alexandru Pasarica, Carmen Olguta Brezuleanu, Gabriela Ignat, Stejarel Brezuleanu, Carmen Luiza Costuleanu, <i>An Intelligent Framework to Manage and Control an Autonomous Platform for Detection, Inspection and Monitoring Applications in Chemical Environments</i> REV.CHIM.(Bucharest), 68, No. 6, 2017, https://doi.org/10.37358/RC.17.6.5673 FI=1,223 15/8=1,88	1,88
						6. Tugui, CA and Vizureanu, P, <i>Morpho-Structural Characterization of WC20Co Deposited Layers,</i> International Conference on Innovative Research (ICIR Euroinvent) IOP Conf. Series: Materials Science and Engineering 209 (2017) 012020 doi:10.1088/1757-899X/209/1/012020 5/8=0,62	0,62
						7. P De Luca, V Sicilia, S Candamano, Macario, <i>Olive vegetation waters (OVWs): characteristics, treatments and environmental problems,</i> IOP Conf. Series: Materials Science and Engineering, International Conference on Innovative Research (ICIR Euroinvent 2022), doi:10.1088/1757-899X/1251/1/012011 5/8=0,62	0,62

					3.1.5. Perju, M. C.; Tugui, C. A.; Nejneru, C.; Axinte, M. ; Vizureanu, P., <i>ESD morphology deposition with WZr8 electrode on austenitic stainless steel support</i> Conference Series-Materials Science and Engineering, EUROINVENT International Conference on Innovative Research (ICIR Euroinvent), MAY 19-20, 2016, Iasi, ROMANIA, ISSN 1757-8981, 2016, Doi:13310.1088/1757-899X/133/1/012025; WOS:000391140000025	
					1. Assessment of the Structure and Core Losses Pertaining to Magnetic Toroids Made from Powder and Cast in One Production Step Nabialek, M; Fuzer, J; (...); Pietrusiewicz, P Revista de Chimie (Rev. Chim.), Year 2017, Volume 68, Issue 5, 1098-1102 https://doi.org/10.37358/RC.17.5.5620 5/8=0,62	0,62
					3.1.4. Tugui C.A., Nejneru C., Galusca D.G., Perju M.C., Axinte M. , Cimpoesu N., Vizureanu P., <i>The influence of the Al deposition by MOC-CVD method on stainless steel thermal conductivity depending on the substrate roughness,</i> Journal of optoelectronics and advanced materials, ISSN 14544164, Vol 17, Issue: 11-12, Pg. 1855-1861, 2015	
					2. Garus, S, <i>The Influence of Heat Treatment on the Phononic Multilayer Sensor,</i> Revista de chimie Oct 2019 DOI: 10.37358/rc.19.10.7620 70 (10) , pp.3671-3673 F.I. 2019: 1,755 Punctaj:15/7=2,14	2,14
					3. Nabialek, M., Jez, B., Jez, K., Bloch, K <i>Structural and Magnetic Properties of the Rapid Cooled Alloys: Fe60Co10Y5+xZr5-xB20 (Where: x=0 or 2)</i> Jan 2019 Revista de chimie	2,14

						70 (1) , pp.224-227 DOI: 10.37358/rc.19.1.6887 F.I. 2019: 1,755 Punctaj:15/7=2,14	
						4. Sliwa, A., Gros, D., Sandu, A.V., Nabialek, M <i>Optimization and Numerical Anlysis of Mechanical Properties of Connecting Rod in the Internal Combustion Engine</i> Oct 2018 Revista de chimie 69 (10) , pp.2813-2815 DOI: 10.37358/rc.18.10.6630 F.I. 2018: 1,605 Punctaj:15/7=2,14	2,14
						5. Gruszka, K <i>The Investigations of Fe2MnGe Heusler Alloy Using Density Functional Theory</i> Jun 2018 Revista de chimie 69 (6) , pp.1533-1536 DOI: 10.37358/rc.18.6.6362 F.I. 2018: 1,605 Punctaj:15/7=2,14	2,14
						6. Zegan, G., Golovcencu, L., Radu Cernei, E., Mihaela Carausu, E., Anistoroei, D. <i>Structural and Morphological Characteristics of Hybrid Nanomaterials Type Ascorbic Acid-hydrotalcite Used for Stimulating Salivary Secretion</i> May 2018 Revista de chimie 69 (5) , pp.1244-1246 F.I. 2018: 1,605 Punctaj:15/7=2,14	2,14
						7. Nabialek, M <i>The Influence of Heat Treatment on the Shape of Fe-57 Hyperfine Field Induction Distribution in Massive Amorphous Fe-61 Co-10 Y-8 X-1 B-20 (where X = Mo, W)</i> Apr 2018 Revista de chimie 69 (4) , pp.802-805 DOI: 10.37358/rc.18.4.6204 F.I. 2018: 1,605 Punctaj:15/7=2,14	2,14

					<p>8. Glod, M., Damir, D., Nichitus, S., Calin, G., Duceac, L.D., Gorgan, D.L., Tascu, S., Ciuhodaru, M.I. <i>ZnO and TiO2 nanoparticles genotoxicity according to their structural and morphological characteristics used for medical purposes</i> (2018) Revista de Chimie, 69 (3), pp. 609-611. DOI: 10.37358/rc.18.3.6159 F.I. 2018: 1,605 Punctaj:15/7=2,14</p>	2,14
					<p>9. Garus, S., Szota, M <i>Occurence of characteristic peaks in phononic multilayer structures</i> (2018) Revista de Chimie, 69 (3), pp. 735-738 DOI: 10.37358/rc.18.3.6188 F.I. 2018: 1,605 Punctaj:15/7=2,14</p>	2,14
					<p>10. Bordei, M., Sandu, A.V., Papadatu, C.P., Sandu, I.G. <i>The influence of the temperature regime on the mechanical properties of the thick steel sheets from carbon and low alloy steels, laminated to thicknesses more than 40 mm</i> (2018) Revista de Chimie, 69 (3), pp. 632-635. DOI: 10.37358/rc.18.3.6164 F.I. 2018: 1,605 Punctaj:15/7=2,14</p>	2,14
					<p>11. Gruszka, K., Rzacki, J., Nabialek, M. The study of crystallization dynamics of amorphous precursor Fe70Mo5Cr4Nb6B15 alloy (2018) Revista de Chimie, 69 (2), pp. 318-320. DOI: 10.37358/rc.18.2.6097 F.I. 2018: 1,605 Punctaj:15/7=2,14</p>	2,14
					<p>12. Papadatu, C.P., Sandu, A.V., Bordei, M., Sandu, I.G. <i>Structural changes in the superficial layers of a non-conventional treated steel subjected to a wear process</i> (2017) Revista de Chimie, 68 (10), pp. 2329-2333. DOI: 10.37358/rc.17.10.5879 F.I. 2017: 1,412 Punctaj:15/7=2,14</p>	2,14

					13. Tan, C.H., Muhamad, N., Abdullah, M.M.A.B. <i>Surface Topographical Modification of Coronary Stent: A Review</i> (2017) IOP Conference Series: Materials Science and Engineering, 209 (1), art. no. 012031, DOI: 10.1088/1757-899X/209/1/012031 F.I. 2017: 0,48 Punctaj:5/7=0,62	0,62
					14. G. Mahu, C. Munteanu, B. Istrate, M. Benchea <i>Analysis of plasma jet depositions on a C45 steel used in crankshaft manufacturing</i> <i>Powder Metallurgy and Advanced Materials – RoPM&AM 2017 Materials Research Proceedings 8 (2018) 61-69</i> doi: http://dx.doi.org/10.21741/9781945291999-7 F.I. 2017: 0,84 Punctaj:10/7=1,42	1,42
					15. Achitei Dragoș Cristian, Minciună Mirabela Georgiana, Sandu Andrei Victor, Mohd Mustafa Al Bakri Abdullah <i>Behavior of Al-Mg Alloy Subjected To Thermal Processing</i> , AIP Conference Proceedings 1835, 020051 (2017); https://doi.org/10.1063/1.4983791 Published Online: 12 May 2017 Punctaj:5/7=0,62	0,62
					3.1.3. Baltatescu, O.; Axinte, M. ; Barbu, G.; Manole, V. <i>New approach for porous materials obtaining using centrifugal casting</i> , Conference Series-Materials Science and Engineering, 3rd International Conference on Modern Technologies in Industrial Engineering (ModTech), JUN 17-20, 2015, Mamaia, ROMANIA, ISSN 1757-8981, 2015, Vol. 95, Doi: 10.1088/1757-899X/95/1/012018, WOS:000365128900018	

					<p>1. Júlio César Sczancoskia, Edson Roberto Leite <i>A versatile approach for the preparation of ceramics with porosity gradient: by using manganese and tin oxides as a model,</i> Journal of the European Ceramic Society 38 (2018) 2027–2034, https://doi.org/10.1016/j.jeurceramsoc.2017.10.028 F.I. 2018: 4,029 Punctaj: 20/4 = 5</p>	5
					<p>3.1.2. Tugui, Catalin Andrei; Axinte, Mihai; Nejneru, Carmen; Vizureanu, Petrica; Perju, Manuela Cristina; Chicet, Daniela, <i>Active Screen Plasma Nitriding Efficiency and Ecology</i>, Applied Mechanics and Materials, Innovative Manufacturing Engineering Conference (IManE), MAY 29-30, 2014, Chisinau, MOLDOVA, ISSN 1660-9336, ISBN 978-3-03835-275-4, 2014, Vol. 657, Pg. 369+,</p>	
					<p>1. Papadatu, Carmen Penelopi; Sandu, Andrei Victor; Bordei, Marian; Sandu, Ioan Gabriel <i>Study on the influence of the treatment in magnetic field on the nitrided layer in plasma</i> <i>Revista de Chimie</i> Volume 68, Issue 4, Pages 675 – 679 2017 DOI: 10.37358/rc.17.4.5528 F.I. 2017: 1,412 Punctaj: 15/6=2,5</p>	2,5
					<p>3.1.1. Cimpoesu, N.; Axinte, M.; Hanu, R. Cimpoesu; Nejneru, C.; Achitei, D. C.; Stanciu, S. <i>Behavior Simulation Of A Copper Based Shape Memory Alloy Under An External Solicitation</i> Journal of optoelectronics and advanced materials, ISSN 1454-4164, eISSN 1841-7132, 2010, Vol. 12, Issue 8, pg. 1772-1776, WOS:000281695300024, https://joam.inoe.ro/articles/behavior-simulation-of-a-copper-based-shape-memory-alloy-under-an-external-solicitation/fulltext</p>	

					1. C. A. Micu, P. Ciubotariu-Ana, M. N. Lohan, C. O. Mocanita, M. Dumitru and C. Bejinariu, <i>Electrical and thermal characteristics of nitinol wires for linear heat detectors</i> , International Conference on Innovative Research - ICIR EUROINVENT 2019 IOP Conf. Series: Materials Science and Engineering 572 (2019) 012072 IOP Publishing doi:10.1088/1757-899X/572/1/012072 (FI: 0,48). Punctaj: 5/6=0,83.	0,83
					2. Tareq Manzoor, Muhammad Zafar, Muddassir Ali, Mahmood Saleem , and Woo Young Kim <i>Effect of microstructural phases on thermo-mechanical analysis of ductile Cu–Al–Mn–Ni memory alloys for structural applications</i> , Mater. Express, Vol. 10, No. xx, 2020, doi:10.1166/mex.2020.1756 www.aspbs.com/mex (FI: 1). Punctaj: 15/6=2,5.	2,5
					3. Achitei,Dragos Cristian; Sandu, Andrei Victor; Abdullah, Mohd Mustafa Al Bakri; Vizureanu, P; Abdullah, A , <i>On The Structure of Shape Memory Alloys</i> , Advanced Materials Engineering And Technology II, KEM, 494-494,140-145 , 2014. DOI: 10.4028/www.scientific.net/KEM.594-595.140 Punctaj: 5/6=0,83.	0,83
					4. Lohan, N. M.; Bujoreanu, L-G.; Baci, C., <i>Influence of temperature variation rate on calorimetric response during heating and on martensite structure obtained after subsequent cooling of Cu-Zn-Al shape memory alloy</i> , MICRO & NANO LETTERS, 7, 6, 540-543, 2012 (FI: 0,799). Punctaj: 10/6=1,67.	1,67
					Total 3.1	69,31
		3.3 Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice/ Recenzor pentru reviste și manifestări științifice naționale și internaționale				

					3.3.2 ISI	3.3.1.1. Journal of Materials Engineering and Performance - Springer, Recenzor articol - JMEP-17-10-14207, 2018, Taherkhani, Kiyanoush, Soltanieh, Mansour, Evaluation of the Formation of Compound Coatings on Aluminium by Active Screen Plasma Nitriding	5
						3.3.2.5. Journal of Manufacturing and Materials Processing, 2022, Evaluation of the metallurgical quality of nodular cast iron in the production conditions of a foundry	5
						3.3.1.3. Journal of Functional Biomaterials, 2022, Manuscript ID: jfb-2130895, Title: Evaluation of compressive and permeability behaviors of trabecular-like porous structure with mixed porosity based on mechanical topology	5
					3.3.2 BDI	3.3.2.1. Membru în colectivul de redacție - Al VIII-lea Congres internațional de știința și ingineria materialelor, Mai 26-29, Iasi, 2011.	5
						3.3.2.2. Membru în colectivul de redacție - A 21-a Conferința națională de turnatorie și expoziție, Iunie, 12-14, Iași, 2012.	5
						Total 3.3.	25
						Total 3	95,14
	Criterii opționale						
		3.5 Premii		3.5.2. ASAS, AOSR, acad de ramură și CNCSI S			
				3.5.3 Premii		LOC 1 - Competiție tir sportiv olimpic, proba 60f. culcat, glont 50m, Campionatul Tarilor Balcanice, Sofia, Bulgaria, 2001. – 10p	30

				internat ionale		LOC 2 - proba 3x40f, glont 50m, Campionatul Tarilor Balcanice, Sofia, Bulgaria, 2001.- 10p LOC 2 - Competitie tir sportiv olimpic, Proba 60f. Culcat, glont 50m, Campionatul International "Meeting Hopes", Plzen, 1999. – 10p	
				3.5.4 Premii national e in domeni u		Excelence innovation medal, Romanian Innovation Forum Medal , 10 mai 2022	5
						Book Salon Award - Euroinvent: Diploma of Excellence, 2013, Dan-Gelu Gălușcă, Carmen Nejneru, Manuela-Cristina Perju, Elena Chirilă, Dragoș Cristian Achiței, Mihai Axinte, Heat Treatments. Laboratory handbook, Editura Tehnopress, ISBN 978-973-702-861-7, pagini 234, (2011).	5
						Book Salon Award - Euroinvent: Silver medal, 2014, Carmen Nejneru, Mihai Axinte, Iulian Ioniță, Manuela-Cristina Perju, Aspects of ionic nitriding, Editura Tehnopress, ISBN 978-606-687-063-4, pagini 284, (2014).	5
						Book Salon Award – Euroinvent: Bronze medal, 2019, Dan-Gelu Gălușcă, Dragoș-Cristian Achiței, Manuela-Cristina Perju, Carmen Nejneru, Mihai Axinte, Thermal and thermochemical treatments, volumul II, Editura Tehnopress, ISBN 978-606-687-367-3, pagini 284, (2018).	5
						Total 3.5.	50
		3.6 Membru în academii, organizații, asociații profesional e de prestigiu, naționale și internațio nale, apartenen ță la	3.6.3 Conducere Asociații profesionale	3.6.3.1 Internat ionale	15		

		organizații din domeniul educației și cercetării					
				3.6.3.1 Nationale	5	1. Vicepresedinte al Asociației Județene de Tir Sportiv Iași,	5
			3.6.4 Asociații profesionale	3.6.4.1 internationale	5	1. Membru în Societatea Europeană de Microscopie	5
				3.6.4.2 naționale	2	1. Membru în Asociația de Sudură din România,	2
						2. Membru în Asociația Tehnică de Turnătorie din România,	2
						3. Membru în Asociația Generală a Inginerilor din România,	2
						4. Membru în Societatea de Microscopie Electronică din România	2
						5. Membru în Societatea Română de Biomateriale	2
			3.6.5 Organizații în domeniul educației și cercetării	3.6.5.1 Conducere			
				3.6.5.2 Membru		1. Membru în colectivul de antrenori ai secției de tir sportiv a Clubului Sportiv Universitar Politehnica Iași din 2007-prezent, https://www.csupolitehnicaiasi.ro/contact/	2
						Total 3.6.	22
						Total 3	167,14

Punctaj total

Nr. Crt.	Domeniul de activitate	Condiții profesor	Realizat candidat
1	Activitatea didactică și profesională (A1)	Minim 30 de puncte	114,89 puncte

2	Activitatea de cercetare (A2)	Minim 160 de puncte	245,89 puncte
3	Recunoașterea și impactul activității (A3)	Minim 60 de puncte	167,14 puncte
	Total	250 de puncte	527,92 puncte

Data:

Candidat,
AXINTE Mihai, s.l. dr. ing