

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

Candidat: CIMPOESU Nicanor / Data nașterii: 10.12.1980 Funcția actuală: conferențiar, Data numirii în funcția actuală: 2016

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)

0,	Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategorii	Indicatori (kpi)	Realizări	Punctaj
	Activitatea didactică și profesională (A1)					Minim 60 de puncte Îndeplinit 153,03 de puncte	153,03
		1.1.Cărți și capitole în cărți de specialitate	1.1.1 Cărți/capitole ca autor	1.1.1.2 naționale; Profesor minim 2, 1 prim autor	nr. pagini/10 x nr. autori	Îndeplinit 5 din care 1 prim autor	
						Cb1 N. Cimpoeșu , R. Cimpoeșu, I. Ionașcu, M. Agop, <i>"Inteligența" materiei din perspectiva aliajelor cu memoria formei</i> , Editura Ars Longa, 2010, ISBN 978-973-148-044-2, 300 pg, prim autor. Punctaj: $300/(5 \times 4)=15$	15
						Cb2 V. Cojocaru Filipiuc, N. Cimpoeșu , <i>Bilanțuri asistate de calculator pentru elaborarea fontei în cuptoare cu inducție. Zgura-Materiale-Bilanțul termic</i> Editura Universitas XXI, 2010, ISBN 978-606-538-049-3, (contribuție autor Nicanor Cimpoeșu: nr. pag. 85 format academic, contribuție autor Vasile Cojocaru Filipiuc: nr. pag. 21 format academic). Punctaj: $85/(5 \times 1)=17$	17
						Cb3 S. Stanciu, N. Cimpoeșu , C. Nejneru <i>Capacitatea de disipare a energiei mecanice a aliajelor cu memoria formei</i> , Editura Universitas XXI, 2009, ISBN 978-606-538-005-9, 350 pg. Punctaj: $350/(5 \times 3)=23,33$	23,33
						Cb4 I. Hopulele, N. Cimpoeșu , C. Nejneru, <i>Metode de analiză a materialelor. Microscopie Și Analiză Termică</i> , Editura Tehnopres, 2009, ISBN 978-973-702-673-6, 300 pg., Punctaj: $300/(5 \times 3)=20$	20
						Cb5 R. I. Lițoiu, D. G. Gălușcă, N. Cimpoeșu , M. Agop,	9,9

						<i>Proprietăți fizice și structurale ale unor polimeri ranforșați cu nanotuburi</i> , Editura ArsLonga, Iași, ISBN 978-973-148-128-9, 2012, 198 pg Punctaj: $198/(5 \times 4)=9,9$	
		1.2 Material didactic/ Lucrări didactice	1.2.1 Manuale didactice/ Monografii (minim 1)		nr. pagini/ 20 xnr. autori	Îndeplinit 3 manuale didactice, 1 prim autor	
						Ca1 N. Cimpoeșu , Aliaje Feroase. Microstructură și tratamente termice, Editura PIM, 2019, ISBN 978-606-13-5072-8, 198 pg format academic. Punctaj: $198/(10 \times 1)=19,8$	19,8
						Ca2 V. Cojocaru Filipiuc, N. Cimpoeșu , <i>Elaborarea fontei, asistată de calculator, în cuptoare electrice cu încălzire prin inducție cu creuzet, acide</i> Editura Universitas XXI, 2010, ISBN 978-606-538-044-8, contribuție autor nr. pag. 85 (format academic). Punctaj: $85/(10 \times 1)=8,5$	8,5
						Ca3 M. Ștefan, N. Cimpoeșu <i>Optimizarea Proceselor Metode Tradiționale și Metode Evolutive Aspecte Computaționale și Aplicații</i> , Editura Performantica, 2009, ISBN 978-973-730-587-9, 500 pag. Punctaj: $500/(10 \times 2)=25$	25
			1.2.2 Îndrumătoare de Laborator /aplicații (minim 1);		nr. pagini/ 25 xnr. autori	Îndeplinit 2 îndrumare de laborator/minim 1	
						I1 N. Cimpoeșu , V. Cojocaru-Filipiuc <i>Aspecte ale elaborării și pachetul de programe pentru proiectarea asistată de calculator a elaborării fontei în cuptoare cu inducție, cu creuzet</i> Editura Universitas XXI, Editură acreditată CNCSIS 2010, ISBN 978-606-538-045-5, contribuție autor nr. pag. 200 (format academic). Punctaj: $200/(20 \times 1)=10$	10
						I2 N. Cimpoeșu , V.Cojocaru Filipiuc, R. Cimpoesu, <i>Știința Materialelor Metalice Speciale</i> , Îndrumar de laborator, Editura PIM, 2015, ISBN 978-606-13-2412-5, contribuția autor Cimpoesu Nicanor: 90 pagini	4,5

						în format academic, Vasile Cojocaru Filipiuc 71 pag., Ramona Cimpoesu 24 pag. Punctaj: $90/(20 \times 1) = 4,5$	
	Activitate de cercetare (A2)					Minim 320 de puncte Indeplinit 853,89	853,89
		2.1 Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI proceedings	Minim 15 articole pentru Profesor/ CSI din care min. 10 în Reviste cotate ISI Th.R., din care min. 5 cu FI de min. 1 și min. 5 ca autor principal cu FI 0,5		Reviste: (25 + 20xFI)/ nr. autori; Volume: 20/ nr. Autori [max. 3 articole/ manifestare]	Număr de lucrări în reviste cotate ISI Th.R. cu factor de impact: 53 (minim 15) Număr de lucrări în reviste cotate ISI Th.R. cu FI de min. 1: 34 (minim 5) Autor principal: 18 din care 11 cu FI>0.5 (minim 5)	
						1. Cocean I., Cocean A., Postolachi C., Pohoata V., Cimpoesu N. , Bulai G., Iacomi F., Gurlui S., Alpha keratin amino acids BEHAVIOR under high FLUENCE laser interaction. Medical applications, APPLIED SURFACE SCIENCE, Vol.: 488, Pg.: 418-426, DOI: 10.1016/j.apsusc.2019.05.207, 2019. FI(2018): 5,155 Punctaj=50x5,155/8=32,22	32,22
						2. Bulai, G., Pompilian, O., Gurlui, S., Nemec P., Nazabal, V., Cimpoesu, N. , Chazallon, B., Focsa, C., Ge-Sb-Te chalcogenide thin films deposited by nanosecond, picosecond, and femtosecond laser ablation, NANOMATERIALS, Vol. 9, Issue 5, 2019, Article number 676. FI(2018): 4,034 Punctaj=50x4,034/8=25,21	25,21
						3. Roman, T., Asavei, R.L., Karkalos N.E., Roman, C., Virlan, C., Cimpoesu, N. , Istrate B., Zaharia, M., Markopoulos A.P., Kordatos K., Stanciu S., Pui A., Synthesis and adsorption properties of nanocrystalline ferrites for kinetic modeling development, INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, Vol. 16 Issue: 2 Pages: 693-705, DOI: 10.1111/ijac.13091, 2019. FI(2018): 1,074 Punctaj=50x1,074/8=4,475	4,475
						4. Muresan, E.I., Pui, A., Măluțan, T., Coroabă, A., Cimpoesu, N. , Istrate, B., Pinteală, M., Hard	18,99

						meso/macroporous iron oxide/iron silicate macrospheres obtained by the multi-templating technique, Journal of Chemical Technology and Biotechnology, 2019. FI(2018): 2,659 Punctaj=50x2,659/7=18,99	
						5. Roman, T., Pui, A., Lukacs, A.V., Cimpoesu, N. , Lupescu, S., Borhan, A.I., Kordatos, K., Ntziouni, A., Postolache, P., Zaharia, M., Stanciu, S., Mitoşeriu, L., Structural changes of cerium doped copper ferrites during sintering process and magneto-electrical properties assessment, Ceramics International, 2019. FI(2018): 3,45 Punctaj=50x3,45/12=11,5	11,5
						6. Cimpoesu, N. Mihalache, E; Lohan, NM; Suru, MG; Comaneci, RI; Ozkal, B; Bujoreanu, LG; Pricop, B., Structural - morphological fluctuations induced by thermomechanical treatment in A Fe - Mn - Si shape memory alloy, MeTAL SCIENCE AND HEAT TREATMENT, Vol.: 60 Issue: 7-8 Pages: 471-477, DOI: 10.1007/s11041-018-0303-5, 2018. autor principal FI(2018): 0,379 Punctaj=50x0,379/8=2,37	2,37
						7. Enache, A; Mihaescu, T; Cimpoesu, N. Manole, V; Prisecariu, BA, Zegan, G; Stratulat, SI, Programmable belt type device with optoelectronic command to improve the artificial ventilation during sleep, Optoelectronics and advanced materials-rapid communications, Vol. 12, 11-12, 700-704, 2018. autor principal FI(2018): 0,452 Punctaj=50x0,452/7=3,23	3,23
						8. N. Cimpoesu , F. Sandulache, B. Istrate, R. Cimpoesu , G. Zegan Electrochemical behaviour of biodegradable FeMnSi-MgCa alloy. METALS , 8(7), 541, 2018 autor principal FI(2018): 2,259 Punctaj=50x2,259/5=22,59	22,59

					9. M. Zaharia, S. Stanciu, R. Cimpoeșu, I. Ioniță, N. Cimpoeșu , Preliminary results on effect of H ₂ S on P265GH commercial material for natural gases and petroleum transportation, Applied Surface Science, vol. 438, pag. 20-32, 2017 autor principal . FI(2018): 5,155 Punctaj=50x5,155/5=44,39	51,55
					10. Bejinariu, C.; Munteanu, C; Florea, CD; Istrate, B; Cimpoesu, N ; Alexandru, A; Sandu, AV, Electrochemical Corrosion of a Cast Iron Protected with a Al ₂ O ₃ Ceramic Layer, REVISTA DE CHIMIE, Vol. 69, Issue: 12, Pg. 3586-3589, 2018. autor principal . FI(2018) 1,605 Punctaj=50x1,605/7=13,38	11,46
					11. S.O. Gurlui, I. Sandu, N. Cimpoesu , V. Pohoata, I. G. Sandu, M. Strat, Nanoaggregates and Selforganization Phenomena in Polyurethane Coumarine Film, Materiale Plastice, 54, no. 3, 2017. FI(2018): 1,393 Punctaj=50x1,393/6=11,6	11,6
					12. D. Delpueyo, X. Balandraud, M. Grediac, S. Stanciu and N. Cimpoesu , A specific device for enhanced measurement of mechanical dissipation in specimens subjected to long-term tensile tests in fatigue, STRAIN , Article ID: STR12252, Article DOI: 10.1111/str.12252, FI(2018): 2.155. Punctaj=50x2,155/5=21,55	21,55
					13. Larion M., Muresan E.I., Radu C.D., Sandu I., Cerempei A., N. Cimpoesu , Synthesis, Characterization and Use of Supported Co/gamma-Al ₂ O ₃ for the Removal of Reactive Blue 19 from Aqueous Solutions, Revista de Chimie, 69, 1, Pg. 228-231, 2018. FI(2018) 1,605 Punctaj=50x1,605/6=13,38	13,38
					14. Izquierdo J., Bolat G., N. Cimpoesu , Trinca L.C.,	42,96

						<p>Mareci D., Souto R.M. Electrochemical characterization of pulsed layer deposited hydroxyapatite-zirconia layers on Ti-21Nb-15Ta-6Zr alloy for biomedical application, Applied Surface Science, Vol. 385, Pg. 368-378, DOI: 10.1016/j.apsusc.2016.05.130, 2016. FI(2018): 5,155 Punctaj: $50 \times 5,155 / 6 = 42,96$</p>	
						<p>15. Cimpoesu N., Stanciu S., Tesloianu D., Cimpoesu R., Popa R., Moraru E., A study of the damping capacity of mechanically processed cu-9.2al-5.3mn-0.6fe shape memory alloys, Metal Science and Heat Treatment, Vol. 58 Issue: 11-12, Pg. 729-733, DOI: 10.1007/s11041-017-0086-0, 2017 autor principal FI(2018): 0,379 Punctaj: $50 \times 0,379 / 6 = 3,16$</p>	3,16
						<p>16. Cerempei A., Muresan E.I., Cimpoesu N., Carp-Carare C., Rimbu C. Dyeing and antibacterial properties of aqueous extracts from quince (Cydonia oblonga) leaves, Industrial Crops and Products, Vol. 94, Pg. 216-225, DOI: 10.1016/j.indcrop.2016.08.018, 2016. FI(2018): 4.191 Punctaj: $50 \times 4.191 / 5 = 41,91$</p>	41,91
						<p>17. Trinca L.C., Mareci D., Cimpoesu N., Calin M., Stan T., Influence of hydrogen peroxide on the corrosion of thermally oxidized ZrTi alloys in phosphate-buffered saline solution. Materials and Corrosion-Werkstoffe und Korrosion, Vol. 67, Issue: 10, Pg. 1088-1095, DOI: 10.1002/maco.201508785, 2016, FI(2018): 1,458. Punctaj: $50 \times 1,458 / 5 = 14,58$</p>	14,58

					18. Stanciu S., Ursanu A., Trinca L.C., Elena T.A. Carmen Solcan, Munteanu C., Cimpoesu N. , Acatrinei D., Sindilar V., Stanciu T., Fantanariu M., Topliceanu L., Study on the biodegradability of femnsi alloy Environmental engineering and management journal, Vol.: 15, Issue: 5 Pg. 973-980, 2016, autor principal FI(2018): 1,186. Punctaj: $50 \times 1,186 / 12 = 4,94$	4,94
					19. Burlea S.L., Leata R., Agop M., Cimpoesu N. , Analyse of Ti-based Alloy for Medical Instruments after Chemical, Mechanical and Physical Processing Revista de Chimie, Vol. 67, Issue: 2, Pg. 260-262, 2016. FI(2018):1,605. Punctaj: $50 \times 1,605 / 4 = 20,06$	20,06
					20. Cimpoesu N. , Trinca L.C., Dascalu G., Stanciu S., Gurlui S.O., Mareci D., Electrochemical Characterization of a New Biodegradable FeMnSi Alloy Coated with Hydroxyapatite-Zirconia by PLD Technique, Journal of chemistry, 9520972 DOI: 10.1155/2016/9520972, 2016, autor principal. FI(2018):1,726. Punctaj: $50 \times 1,726 / 6 = 14,38$	14,38
					21. Tugui C.A., Nejneru C., Galusca D.G., Perju M.C., Axinte M., Cimpoesu N. , Vizureanu P., The influence of the Al deposition by MOC-CVD method on stainless steel thermal conductivity depending on the substrate roughness, Journal of optoelectronics and advanced materials, Vol 17, Issue: 11-12, Pg. 1855-1861, 2015. FI(2018):0,588. Punctaj: $50 \times 0,588 / 7 = 4,2$	4,2
					22. Muresan E.I., Puitel A., Pui A., Radu C.D., Tampu D., Cimpoesu N. , Sandu I., Hierarchically Bimodal Porous Metallosilicate Catalysts for Acetolysis of Epichlorohydrin, Revista de Chimie, Vol. 67, Issue: 4 Pg. 659-664,	16,05

						2016. FI(2018): 1,605. Punctaj: 50x1,605/5 =16,05	
						23. Paraschiv C., Stirbu I., Cimpoesu R., Bernevig M., Nejneru C., Manole V., Cimpoesu N. , Zegan G., Preliminary results on hydroxyapatite growth on advanced Ti-base alloy using electrophoretic deposition process, Optoelectronics and advanced materials-rapid communications, Vol.10 Issue: 1-2, Pages: 87-90, 2016, FI(2018): 0,452. Punctaj: 50x0,452/8 =2,83	2,83
						24. R. Chelariu, G.D. Suditu, D.Mareci, G. Bolat, N. Cimpoesu , F. Leon, S. Curteanu <i>Prediction of corrosion resistance of some dental metallic materials with an adaptive regression model</i> JOM - The Journal of The Minerals, Metals & Materials Society (TMS), vol. 67, no.4, pp.767-774 2015, DOI: 10.1007/s11837-015-1362-3 FI(2018) = 2,305 Punctaj: 50x2,305/7 =16,46	16,46
						25. E.I. Muresan, N. Cimpoesu , A. Bargan, B. Istrate, <i>Effect of the Template on the Textural Properties of the Macrospherical Trimodal Metallosilicate Materials</i> , Journal of inorganic and organometallic polymers and materials, 25, 5, 1060-1068, DOI: 10.1007/s10904-015-0212-7, 2015. FI(2018) = 1,637 Punctaj: 50x1,637/4 =20,46	20,46
						26. I. Gradinariu, I. Stirbu, C.A.Gheorghe, N. Cimpoesu , M. Agop, R. Cimpoesu, C. Popa, <i>Chemical properties of hydroxyapatite deposited through electrophoretic process on different sandblasted samples</i> , Materials Science-Poland, 32, 4, p. 578-582, 2015. autor principal FI(2018) =0,918, Punctaj: 50x0,918/7 =6,56	6,56
						27. E. I. Muresan, N. Cimpoesu , A. Cerempei, D. Timpu, I. G. Sandu,	16,05

						<p><i>Obtaining, Characterization and Using of Metallosilicate Beads for the Adsorption of Direct Red 95 Dye,</i> Revista de Chimie, 66, 10, 2015, p. 1663-1670 FI(2018) =1,605 Punctaj: 50x1,605/5 =16,05</p>	
						<p>28. I. Stirbu, P. Vizureanu, R.Cimpoesu, G. Dascalu, S.O. Gurlui, M. Bernevig, M. Benchea, N. Cimpoesu, P. Postolachee, <i>Advanced metallic materials response at laser excitation for medical applications,</i> J. of Optoelec. and Adv. Mat., 17, 7-8, p. 1179-1185, 2015., FI(2018) = 0,588, autor principal Punctaj: 50x0,588/9 =3,27</p>	3,27
						<p>29. P. Vizureanu, N. Cimpoesu, V. Radu, , M. Agop, <i>Investigations on thermal conductivity of carbon nanotubes reinforced composites,</i> Experimental Heat Transfer, 28,1 , p. 37-57, 2014 autor principal FI(2018) =2, Punctaj: 50x2/4=25</p>	25
						<p>30. N. Cimpoesu, S. Stanciu, P. Vizureanu, R. Cimpoesu, D.C. Achitei, I. Ioniță, <i>Obtaining shape memory alloy thin layer using PLD technique,</i> Journal of Mining and Metallurgy, Section B: Metallurgy, 50, 1, 2014, p. 69-76, autor principal FI(2018) =0,859, Punctaj: 50x0,859/6=7,16</p>	7,16
						<p>31.O.G. Pompilian, G. Dascalu, I. Mihaila, S. Gurlui, M. Olivier, P. Nemec, V. Nazabal, N. Cimpoesu, C.Focsa, <i>Pulsed laser deposition of rare-earth-doped gallium lanthanum sulphide chalcogenide glass thin films,</i> Applied Physics A, 117, 2014, p. 197-205 FI(2018) =1,784 Punctaj: 50x1,604/9=9,91</p>	9,91
						<p>32. A. Cerempei, E.I.Muresan, N.Cimpoesu, <i>Biomaterials with controlled release of geranium</i></p>	20,55

						essential oil, Journal of Essential Oil Research, 26, 4, 2014, p. 267-273 FI(2018) =1,233 Punctaj: 50x1,233/3=20,55	
						33. C. Nejneru, P. Vizureanu, A.V. Sandu, A. Grecu, N. Cimpoesu , <i>Thermal fatigue of some synthetic hardening environments with CMC</i> Revista de Chimie, 65, 2, 2014, p. 194-198. FI(2018) =1,605 Punctaj: 50x1,605/5=16,05	14,12
						34. G. Iovan, S. Stoleriu C. A. Ghiorghe, N.Cimpoeșu , A. Georgescu, S.Adrian, <i>Evaluation of the Interfacial Morphology between a Single Component Adhesive and Dentin with or without Preliminary Acid Etching</i> , Materiale Plastice, 51, 4, 2014 pg. 421-423. FI(2018) =1,248 Punctaj: 50x1,248/6=10,4	10,4
						35. G. Bolat, D. Mareci, S. Iacoban, N. Cimpoeșu , C. Munteanu, <i>The estimation of corrosion behavior of NiTi and NiTiNb alloys using Dynamic Electrochemical Impedance Spectroscopy</i> , Journal of Spectroscopy, vol. 2013, ID 714920 FI(2018) = 1,376 Punctaj:50x1,376/5=13,76	13,76
						36. I. Cimpoesu, S. Stanciu, N. Cimpoesu , C. Munteanu, B. Istrate, A. Ursanu , D. Dană, A. Alexandru, C. Nejneru, <i>Chemical and micro-structural characterization of a copper based shape memory alloy</i> , J. of Optoelectronics and Advanced Materials, 15, 11 – 12, 2013, p. 1392 – 1398, FI(2018) = 0,588, autor principal Punctaj: 50x0,588/9=3,27	3,27
						37. L.-G. Bujoreanu, N. M. Lohan, B. Pricop, N. Cimpoeșu <i>On role of atomic migration in amnesia occurrence during complex thermal cycling of Cu–Zn–Al shape</i>	24,23

						memory alloy, Materials Science Technology, vol.28, 6, p.6 58-667, 2012, FI(2018) =1,938 Punctaj: 50x1,938/4=24,23	
						38. D. Mareci, N. Cimpoesu , M. I. Popa, <i>Electrochemical and SEM characterization of NiTi alloy coated with chitosan by PLD technique</i> , Materials and Corrosion, 2012, 63, No.63 (11), pg. 176-180., FI(2018) = 1,458 Punctaj: 50x1,458/3=24,3	24,3
						39. I. Nica, N. Cimpoesu , V. Rusu, M. Andronache, C.Stefanescu, <i>Structural properties of nanofilled and microfilled restorative composites</i> , Materiale Plastice 49 (3), 2012, pp. 176-180. FI(2018) =1,393 Punctaj: 50x1,393/5=13,93	13,93
						40. G. Vitel, A.L. Paraschiv, M.G. Suru, N. Cimpoeșu , L.-G. Bujoreanu, <i>Tempering effects in a normalized hot forged Cu-Zn-Al shape memory alloy</i> , Optoelectronics and Advanced Materials, Rapid Communications 6 (1-2), 2012, pp. 339-342. FI(2018) = 0,452 Punctaj: 50x0,452/5=4,52	4,52
						41. L. G. Bujoreanu, N. M. Lohan, B. Pricop, N. Cimpoeșu , <i>Thermal Memory Degradation in a Cu-Zn-Al Shape Memory Alloy During Thermal Cycling with Free Air Cooling</i> Journal of Materials Engineering and Performance, Vol. 20, Issue: 3 Pg. 468-475, 2011. FI(2018) =1,476 Punctaj: 50x1,476/4=18,45	18,45
						42. N. M. Lohan, B. Pricop, L.-G.Bujoreanu, N. Cimpoesu , <i>Heating rate effects on reverse martensitic transformation in a Cu-Zn-Al shape memory alloy</i> Int. J. of Mat. Research, vol. 102, Issue: 11, Pag. 1345-1351, 2011	10,64

						FI(2018) =0,851 Punctaj: 50x0,851/4=10,64	
						43. N. Aelenei, M. Lungu, D. Mareci, N. Cimpoeșu , <i>HSLA steel and cast iron corrosion in natural seawater</i> , <i>Environmental Engineering and Management Journal</i> , 2011, 10, 12, p. 1951-1958. FI(2018) = 1,186 Punctaj: 50x1,186/4=14,83	14,83
						44. G. Vitel, A. L Paraschiv, M. G. Suru, N. Cimpoesu , L. -G Bujoreanu <i>New calorimetric-structural aspects of temperature memory effect in hot rolled Cu-Zn-Al SMAs</i> , <i>Optoelectronics and Advanced Materials-Rapid Communications</i> , 5, Issue: 8 Pg. 858-862, 2011. FI(2018) =0,452 Punctaj:50x0,452/5=4,52	4,52
						45. G. D. Paduraru, N. Aelenei, D. Luca, N.Cimpoesu , <i>New brushite cements analysis</i> , <i>Optoelectronics and Advanced Materials-Rapid Communications Vol. 5 Issue: 3-4 Pages: 465-468</i> , 2011. autor principal FI(2018) =0,452, Punctaj: 50x0,452/4=4,82	4,82
						46. R. H. Cimpoeșu, G. O. Pompilian, C. Baci, N. Cimpoeșu , C. Nejneru, M. Agop, S. Gurlui, C. Focșă <i>Pulsed laser deposition of poly (L-Lactide) acid on nitinol substrate</i> , <i>Optoelectronics and Advanced Materials-Rapid Communications</i> , 4, 12, 2010, p. 2148 – 2153 autor principal FI(2018) =0,386, Punctaj: 50x0,386/8=2,83	2,83
						47. N.Cimpoeșu , S. Stanciu, M. Meyer, I. Ioniță, R. Hanu Cimpoeșu, <i>Effect of stress on damping capacity of a shape memory alloy CuZnAl</i> , <i>Journal of Optoelectronics and Advanced Materials</i> , 12, 2, pg. 386-391, 2010 autor principal FI (2018) =0,588,	5,88

						Punctaj: $50 \times 0,588 / 5 = 5,88$	
						48. C. Lohan, B. Pricop, R. I. Comănești, N. Cimpoeșu , L. G. Bujoreanu, <i>Variation tendencies of tensile constrained recovery behaviour and associated structural changes during thermal cycling of a Fe-Mn-Si-Cr-Ni shape memory alloy</i> , Optoelectronics and Advanced Materials-Rapid Communications, 4, 6, 2010, p. 816 – 820, FI(2018) =0,452 Punctaj: $50 \times 0,452 / 5 = 4,52$	4,52
						49. N. Cimpoesu , M. Axinte, R. Cimpoesu Hanu, C. Nejneru, D. C. Achitei, S. Stanciu <i>Behavior simulation of a copper based shape memory alloy under an external solicitation</i> , Journal of Optoelectronics and Advanced Materials, 12, 8, p. 1772-1776, 2010 autor principal FI (2018) =0,588, x Punctaj: $50 \times 0,588 / 6 = 4,9$	4,9
						50. N. Cimpoeșu , S. Stanciu, I. Doroftei, I. Ioniță, V. Radu, P. Paraschiv, <i>Electrical behavior of a smart Nitinol spring under full time constrain</i> , Optoelectronics and Advanced Materials-Rapid Communications, vol 4, no. 12, 2010, p. 2028 – 2031 autor principal FI(2018) =0,452, Punctaj: $50 \times 0,452 / 6 = 3,21$	3,21
						51. S. Stanciu, LG. Bujoreanu, N. Cimpoeșu , I. Ioniță, V. Moldoveanu, <i>Shape memory effect and related characteristics of helical springs made from Cu-Al-Ni alloy</i> Optoelectronics Advanced Materials.- Rapid Communications, 6, 2009, pg. 581-585 FI(2018) =0,386 Punctaj: $50 \times 0,386 / 5 = 4,52$	4,52
						52.V.-P. Paun, N. Cimpoesu , R. Hanu Cimpoesu, G. V. Muncelleanu, N. Forna, M. Agop, <i>On the Energy Dissipation Capacity and the Shape Memory. A Comparative Study between Polymer Composites and Alloys</i> . Materiale Plastice, 2010, vol. 47, nr. 2, pg. 158-163.	11,61

						FI(2018) =1,393 Punctaj: 50x1,393/6=11,61	
						53.M.-A. Paun, R. Cimpoesu Hanu, N. Cimpoesu , M. Agop, C. Baci, S. Stratulat, C. Nejneru, <i>Internal friction phenomena at polymeric and metallic shape memory materials. Experimental and theoretical results</i> , Materiale Plastice, 2010, 47, 2, pg. 209-214. FI(2018) =1,393 Punctaj: 50x1,393/7=9,95	9,95
						Volume indexate ISI Proceedings	
						1.Florea C., C. Bejinariu, V. Paleu, D. Chicet, I. Carcea, A. Alexandru, Cimpoesu N. , <i>Chromium Addition Effect on Wear Properties of Cast-Iron Material</i> , Innovative Manufacturing Engineering International Conference (IMANE) 2015, Iasi, Romania Applied Mechanics and Materials, 2015, Vol. 809-810, pp 572-577, Punctaj:50x0,1/7=0,71	0,71
						2.Burlacu L., Cimpoesu N. , Bujoreanu LG., Lohan NM., Exploiting heat treatment effects on SMAs macro and microscopic properties in developing fire protection devices, Modtech international conference - modern technologies in industrial engineering V, IOP Conference Series-Materials Science and Engineering, Vol. 227, Article Number: UNSP 012018, DOI: 10.1088/1757-899X/227/1/012018, 2017 Punctaj:50x0,1/4=1,25	1,25
						3. Carcea I., Chelariu R., Asavei L., Cimpoesu N. , Florea R.M., Modtech international conference - modern technologies in industrial engineering V, Investigations on composites reinforced with HEA particlesIOP Conference Series-Materials Science and Engineering, Vol. 227, Article Number: UNSP 012021, DOI: 10.1088/1757-899X/227/1/012021, 2017 Punctaj:50x0,1/5=1	1
						4. Florea C., Bejinariu C., Munteanu C., Cimpoesu N. , Preliminary Results on Complex Ceramic Layers Deposition by Atmospheric Plasma Spraying Advanced materials engineering and technology V, Book Series: AIP Conference Proceedings, Vol. 1835, Article	1,25

						Number: UNSP 020053, DOI: 10.1063/1.4983793Published: 2017 Punctaj:50x0,1/4=1,25	
						5. Ursanu A.I., Stanciu S., Pricop B., Sandulache F., Cimpoesu N. , Dynamic mechanical analyze of superelastic CuMnAl shape memory alloy, 7TH International conference on advanced concepts in mechanical engineering, IOP Conference Series-Materials Science and Engineering, Vol.147, Article Number: UNSP 012032, DOI: 10.1088/1757-899X/147/1/012032, 2016. Punctaj:50x0,1/5=1	1
						6. Delpueyo D., Balandraud X., Grediac M., Stanciu S., Cimpoesu N. , Measurement of Mechanical Dissipation in SMAs by Infrared Thermography, Residual stress, thermomechanics & infrared imaging, hybrid techniques and inverse problems, Vol 9, Conference Proceedings of the Society for Experimental Mechanics Series, Pages: 9-14, DOI: 10.1007/978-3-319- 42255-8_2, 2017. Punctaj:50x0,1/5=1	1
						7.F. Săndulache, S. Stanciu, R. Cimpoesu, M. Ratoiu, N. Cimpoesu , <i>Quantification of Fe-base alloy degradation after immersion test</i> , Innovative Manufacturing Engineering International Conference (IMANE) 2015, Iasi, Romania Applied Mechanics and Materials, 2015, ISI Proceedings, Vol. 809-810, pg. 566-571. Indexat Index Copernicus Journals Master List, Google Scholar Punctaj:50x0,1/5=1	4
						8.Bujoreanu L.G., Goanta V., Cimpoesu N. , Gurau C.; Suru M.G., Mihalache E., Gurau G., Hardness-gradient reversion in FeMnSiCr shape memory alloy modules produced by high-speed high pressure torsion, ESOMAT 2015 - 10THE European symposium on martensitic transformations, Book Series: MATEC Web of Conferences, Vol.: 33, Article Number: 04001, DOI: 10.1051/mateconf/20153304001, 2015. Punctaj:50x0,1/7=0,71	0,71
						9. Pricop B., Soyler U., Oumlzkal B., Suru M.G., Lohan N.M., Comaneci R.I., Cimpoesu N. , Musat V., Gurau G., Istrate B.,	0,5

						A study of martensite formation in powder metallurgy Fe-Mn-Si-Cr-Ni shape memory alloys MATERIALS TODAY-PROCEEDINGS, Vol. 2, Pg. 789-792, Supplement: 3, DOI: 10.1016/j.matpr.2015.07.400, 2015. Punctaj:50x0,1/10=0,5	
						10.Stirbu, P. Vizureanu, N. Cimpoesu , R. Cimpoesu, M. Benchea. <i>Implant Material for Sports Injuries</i> , 4th International Congress of Physical Education, Sport and Kinetotherapy, 2014, Bucuresti, Romania Published in 4th International Congress of Physical Education, Sport and Kinetotherapy, Pages: 169-174, 2015, Indexat ISI Punctaj:50x0,1/5=1	1
						11. P. Paraschiv, N. Cimpoesu , C. Paraschiv, <i>Radius Deformations and Stress Appearance at External Solicitations</i> , 4th International Congress of Physical Education, Sport and Kinetotherapy, 2014, Bucuresti, Romania Published in 4th International Congress of Physical Education, Sport and Kinetotherapy, pag. 375-381, 2015. Indexat ISI Punctaj:50x0,1/3=1,66	1,66
						12.C. Florea, C. Bejinariu, I. Carcea, V.Paleu, D. Chicet, N. Cimpoeșu , <i>Preliminary results on microstructural, chemical and wear analyze of new cast iron with chromium addition</i> International Conference on Innovative Research, ICIR 2015; Iasi; Romania; 14 -16 May 2015; Published in Key Engineering Materials, Volume 660, 2015, Pages 97-102. Indexat ISI Proceedings Punctaj:50x0,1/6=0,83	0,83
						13.D. A.Ursanu, S. Stanciu, N. Cimpoesu , V. Manole, G.Ursanu, <i>Intelligent Materials for Recuperative Sports Injuries</i> , 4th International Congress of Physical Education, Sport and Kinetotherapy, 2014, Bucuresti, Romania Published in 4th International Congress of Physical Education, Sport and Kinetotherapy, pag. 567-572, 2015. Indexat ISI	1

						Punctaj:50x0,1/5=1	
						14. P. Paraschiv, N. Cimpoeșu* , A. Ursanu, C. Paraschiv, C. Stoica, <i>Theoretical and Experimental Determination of the Muscle Strength for the Kinetotherapy Rehabilitation of the Elbow Joint after an Immobilization Period</i> , 3th International Congress of Physical Education, Sport and Kinetotherapy , 2013, Bucuresti, Romania Published in Procedia - Social and Behavioral Sciences 117 (2014) pag. 539 – 546. Indexat Science Direct Punctaj:50x0,1/5=1	1
						15. C. Manoliu (Nuțescu), O. Bălătescu, I. Carcea, N.Cimpoeșu , M.Axinte, C. Adoraei, <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:50x0,1/6=1,25	0,83
						16. B. Pricop, U. Söyler, B. Özkal, M.G. Suru, N.M. Lohan, R.I. Comăneci, N. Cimpoeșu , V.Mușat, G. Gurău, B. Istrate, E. Mihalache, L.G. Bujoreanu, <i>A Study of Martensite Formation in Powder Metallurgy Fe-Mn-Si-Cr-Ni Shape Memory Alloys</i> , International Conference on Martensitic Transformations, ICOMAT-2014, Spain, Bilbao. Materials Today: Proceedings, Volume 2, Supplement 3, 2015, p. S789-S792. Indexat ISI Proceedings Punctaj:50x0,1/12=0,42	1,66
						17. S.L. Toma, C. Baci, C. Bejinariu, D.A. Gheorghiu, C. Munteanu, N. Cimpoeșu <i>Studies on the Corrosion Behavior of Deposits Carried out by Thermal Spraying in Electric ARC Thermal Activated</i> Innovative Manufacturing Engineering International Conference, IManE 2014 Chisinau; Moldova; 29 May 2014 - 30 May 2014; Applied Mechanics and Materials Vol. 657 (2014) pp 261-265, (2014) Trans Tech Publications, Switzerland,	0,83

						doi:10.4028/www.scientific.net/ AMM.657.261. Index Copernicus Journals Master List www.indexcopernicus.com, Google Scholar Punctaj:50x0,1/6=0,83	
						18. Ursanu (Dragoș), S. Stanciu, N. Cimpoeșu , M. Dumitru, C. Paraschiv, <i>Implementation of Shape Memory Alloys as Active Elements in Injuries Recuperative Equipment</i> , Innovative Manufacturing Engineering International Conference, IManE 2014; Chisinau; Moldova; 29 May 2014 through 30 May 2014; Code 108569 Applied Mechanics and Materials Vol. 657 (2014) pp 392-396, (2014) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.657.392. Index Copernicus Journals Master List www.indexcopernicus.com, Google Scholar Punctaj:50x0,1/5=1	1
						19. M. Rățoi, S. Stanciu, N.Cimpoeșu , I. Cimpoeșu, B. Constantin, C. Paraschiv, <i>A Potential Biodegradable Metallic Material with Shape Memory Effect Based on Iron</i> , Structural Integrity of Welded Structures , Timișoara, 2013, Advanced Materials Research Vol. 814 (2013) pp 110-114, (2013), doi:10.4028/www.scientific.net/AMR.814.110. Index Copernicus Journals Master List www.indexcopernicus.com. Google Scholar scholar.google.com. Punctaj:50x0,1/6=0,83	0,83
						20. N. Cimpoeșu , A. Ursanu, S. Stanciu, R. Cimpoeșu, B. Constantin, C. Paraschiv, S. O. Gurlui, <i>Preliminary Results of Copper Based Shape Memory Alloys Analysis used for MEMS Applications</i> , Innovative Manufacturing Engineering International Conference, ImanE 2013, May 23-24, Iași, ROMÂNIA Applied Mechanics and Materials Vol. 371 (2013) pp 368-372, TTP, doi:10.4028/www.scientific.net/AMM.371.368 Index Copernicus Journals Master List www.indexcopernicus.com, Google Scholar	0,71

						Punctaj:50x0,1/7=0,71	
						21.Arghirescu, C. Baci, N. Cimpoeșu , <i>Experimental Results on Micrometric Profile of Substrate and Thickness and Roughness of Deposited Layers Through Thermal Spraying</i> , 10th International Conference Structural Integrity of Welded Structures, ISCS 2013, July 11-12, 2013, Timisoara, Romania Advanced Materials Research Vol. 814, pp 49-53, (2013), doi:10.4028/ www.scientific.net/ AMR.814.49 Index Copernicus Journals Master List www.indexcopernicus.com. Google Scholar scholar.google.com. Punctaj:50x0,1/3=1,66	1,66
						22.D. C. Achiței, P. Vizureanu, S. Stanciu, R. G. Ștefănică, N. Cimpoeșu , <i>Studies concerning thermal conductivity for some copper base memory shape alloys</i> , Modern Technologies in Industrial Engineering , ModTech Conference, 2010, 20-22 mai, Slanic-Moldova, Romania Proceedings of Modtech 2010, 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010), pg. 15-18, 2010. Indexat scholar.google.co.uk Punctaj:50x0,1/5=1	1
						23.L. Zaharia, R. Comaneci, C. Baci, N. Cimpoesu , <i>The evaluation of strain, microstructural aspects and some mechanical properties of nano-grained aluminum processed by accumulative roll bonding using 2, 3 and 4 initial strips</i> , 9th Biennial ASME Conference, Engineering Systems Design and Analysis – ESDA 2008, Haifa, Israel, July 7-9, 2008 ASME, Proceedings of the 9th biennial conference on engineering systems design and analysis - 2008, VOL 1, Pages: 563-569 Published: 2009, Publisher: Amer Soc Mechanical Engineers, USA IDS Number: BIX58 ISBN: 978-0-7918-4835-7. Indexat ISI Proceedings, Web of Science. Punctaj:50x0,1/4=1,25	1,25
						24.S. Stanciu, L. G. Bujoreanu, R. I. Comănesci, N.	0,83

						<p>Cimpoesu, I. Ioniță, V. V. Moldoveanu, <i>Particularities of phase transitions in thermomechanically processed Cu-Al-Mn shape memory alloys,</i> ESOMAT 2009 - 8th European Symposium on Martensitic Transformations Prague, Czech Republic, September 7-11, 2009, Published by EDP Sciences 17, France, Indexată în bazele de date EDP Science – 05004. Punctaj:50x0,1/6=0,83</p>	
		2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale			Reviste: 50xX/nr. de autori	<p>Îndeplinit:13 articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale</p>	
						<p>1.D. Mihai, N. Cimpoesu, <i>Iron based alloys behavior by molding simulation point of view,</i> Metalurgia Internațional Editura Științifică F.M.R. vol. XV, nr. 11, 2010, pg. 30-35 Indexata Scopus Punctaj:50x0,08/2=2</p>	2
						<p>2.D. Mihai, N. Cimpoesu, <i>Pouring and solidification simulation of an Al-Mg based alloy in different geometrical forms as working pieces,</i> Metalurgia Internațional Editura Științifică F.M.R. vol. XV, nr. 11, 2010, pg. 35-41 Indexata Scopus Punctaj:50x0,08/2=2</p>	2
						<p>3.N. Cimpoesu, R. Hanu Cimpoesu, P. Vizureanu, I. Ioniță, M. Agop <i>Experimental and theoretical results concerning internal friction investigation of a shape memory alloy based on copper,</i> Metalurgia Internațional Editura Științifică F.M.R. vol. XV, nr. 12, 2010, pg. 48-59, Indexata Scopus Punctaj:50x0,08/5=0,8</p>	0,8
						<p>4.A. Grecu, D. G. Gălușcă, C. Nejneru, M. – C. Perju, N.</p>	0,8

						Cimpoeșu, <i>Water temperature influence on metallic materials cooling,</i> Metalurgia Internațional Editura Științifică F.M.R. vol. XV, nr. 12, 2010, pg. 37-41. Indexata Scopus Punctaj:50x0,08/5=0,8	
						5.N. Cimpoesu, D. Achilei, V.Manole, I. Hopulele, A. Enache, <i>Influence of internal friction on shape memory alloy based on copper</i> Metalurgia Internațional Editura Științifică F.M.R. S.I. nr. 3, 2009, pg. 33-36. Indexata Scopus Punctaj:50x0,08/5=0,8	0,8
						6.D. Achitei, D. G. Gălușcă, P. Vizureanu, R. Carabet Ștefănică, N. Cimpoeșu, <i>Aspects regarding Thermo-Mechanical Fatigue of Shape memory Alloys</i> Metalurgia Internațional Editura Științifică F.M.R. special issue nr. 3, 2009, pg. 45-48. Indexata Scopus Punctaj:50x0,08/5=0,8	0,8
						7.C.Nejneru, N. Cimpoeșu, S. Stanciu, P. Vizureanu, A.V. Sandu <i>Sea water corrosion of a shape memory alloy type CuZnAl,</i> Metalurgia Internațional Editura Științifică F.M.R. vol. XIV, S.I. nr. 7, 2009, pg. 95-105. Indexata Scopus Punctaj:50x0,08/5=0,8	0,8
						8.N. Irina, V. Rusu, N. Cimpoeșu, P. Vizureanu, A. Aluculesei, <i>Proprietăți termice și structurale ale unor compozite dentare cu nano- și micro-filler,</i> Rev. Med. Chir. Med. Nat. Iași – 2009, vol. 113, nr.3, pg. 892-898, Indexata Pub.Med.gov Punctaj:50x0,08/5=0,8	0,8
						9.Știrbu, P. Vizureanu, N. Cimpoeșu, <i>Analysis of Dental Alloys Characteristics (Microstructure and Corrosion Resistance) for Different Obtaining Methods,</i> „New Trends in Enviromental and Materials	2,33

					Engineering", TEME Conference 2013, 28-30 octombrie 2013, Galati, Romania, The Annals of "Dunarea De Jos" University Of Galati, Fascicle IX, Metallurgy and Materials Science, Year XXXI (XXXVI), 2013, no. 4, 78-84. Cambridge Scientific Abstract: http://www.csa.com Punctaj:50x0,08/3=1,33	
					10.Stirbu, P. Vizureanu; M. Ratoi; N. Cimpoesu , <i>Electrochemical deposition of hydroxyapatite (HA) on titanium alloys for the implant surface bio-functionalization</i> , 4th IEEE International Conference on E-Health and Bioengineering, EHB 2013; 21- 23 November, Iasi, Romania IEEE E-Health and Bioengineering Conference (EHB), 2013, DOI: 10.1109/EHB.2013.6707411. Indexat IEEE Xplore Digital Library Punctaj:50x0,08/4=1	1
					11.N. Forna, N. Cimpoeșu , M.-M. Scutariu, D. Forna, C. Mocanu, <i>Study of the electro-corrosion resistance of titanium alloys used in implantology</i> , E-Health and Bioengineering Conference (EHB), 24 Nov - 26 Nov 2011, Iasi, Romania 2011 E-Health and Bioengineering Conference, EHB 2011, art. no. 6150362 Indexat IEEE Xplore Digital Library Punctaj:50x0,08/5=0,8	0,8
					12.N. Forna, N.Cimpoeșu , M. Agop, C. Iordache, D. Forna, C.Mocanu, <i>Thermal properties of two titanium alloy dental implants - Linear behaviour and calorimetric analysis</i> , E-Health and Bioengineering Conference (EHB), 24 Nov - 26 Nov 2011, Iasi, Romania 2011 E-Health and Bioengineering Conference, EHB 2011, art. no. 6150363. Indexat IEEE Xplore Digital Library Punctaj:50x0,08/6=0,67	0,67
					13.C. Nejneru, D.G. Galusca, R.G Carabet, D Achitei, N. Cimpoesu , <i>Correlation Between Mechanical Characteristichs and Technological Parameters in Heat Treatments applied to Moulding Aluminium like ATSi5Cu1</i> ,	0,8

						<p>Lucrarile Simpozionului international Artcast 2006 , Galati, mai 2006,.</p> <p>Analele Universitatii „Dunarea de jos” din Galati, nr. 1, pg. 89-92, ISSN 1453-083X.</p> <p>Indexata in baze de date CSA</p> <p>Punctaj:50x0,08/5=0,8</p>	
		2.3 Brevete de invenție		2.3.2 naționale	25/ nr. autori (național)	Punctaj	
						1 I. Doroftei, S. Stanciu, N. Cimpoesu , <i>Walking robot with unconventional drive</i> , Patent Number(s): RO127815-A2	8,33
						2 S. Stanciu, L.G. Bujoreanu, N. Cimpoesu , <i>Copper shape memory alloy preparation method, involves smelting alloy in medium frequency oven by melting in primary stage and adding copper and nickel, flux, zinc and aluminum</i> , Patent Number(s): RO126210-A2 ; RO126210-B1	8,33
		2.4. Granturi/proiecte câștigate prin competiție	2.4.1 Director/Responsabil Minim 2 pentru profesor dintre care cel puțin unu ca director			Punctaj	
						Responsabil de proiect Cecuri de inovare PN-III-P2-2.1-CI-2017. nr.110CI/2017, cu titlul Proiectarea unui echipament pentru dezvoltarea etapei de învățare a scris-cititului (domeniul de încadrare: materiale avansate). Valoare proiect:50000 RON Perioada de derulare 25.08.2017-31.12.2017	2,5
						Director de proiect Creșterea și caracterizarea filmelor subțiri cu memoria formei și capacitate mare de amortizare prin tehnica de depunere prin ablație laser . Contract de cercetare PN-II-RU-PD-2011-3-0186 Valoare proiect: 270 000 RON Ani desfasurare 2011-2013	15
						P1 Aliaje de aluminiu nanostructurate cu caracteristici fizico – mecanice înalte Contract de cercetare PN II 72-205/2008	6

					Director de proiect Conf. Costel Roman Valoare proiect: 200900 RON Membru Valoare proiect 2009: 43900 lei Valoare proiect 2010: 86000 lei Valoare proiect 2011 : 71000 lei	
					P2 Metoda noua de protectie anticoroziva a materialelor din otel prin electrodepunerea de filme subtiri din aliaje ternare Zn-Ni-P Contract PN II 72-221/2008 Director de proiect Prof. Ioan Carcea Valoare proiect: 142229 RON Membru Valoare proiect 2009: 20000 lei Valoare proiect 2010: 65229 lei Valoare proiect 2011 : 57000 lei	6
					P3 Metode noi de sinteza a materialelor compozite prin procese in situ, beneficiar CEMS- UP București Contract PN II 71-058/2007 Director de proiect Prof. Ioan Carcea Valoare proiect: 61000 RON Membru Valoare proiect 2008: 50000 lei Valoare proiect 2009: 11000 lei	4
					P4 Structuri 3D și 2D din aliaje ternare biocompatibile cu memoria formei, beneficiar AMCSIT-POLITEHNICA Bucuresti, 2005-2008 Contract de cercetare CEEX, c.f. 25/3.10.2005 Director de proiect Conf. Romeu Chelariu Valoare proiect: 61000 RON Membru Valoare proiect 2005: 12000 lei Valoare proiect 2006: 54000 lei Valoare proiect 2008: 2000 lei	6
					P5 Noi aliaje cu memoria formei tip beta, cu nanostructură modificată prin aliere complexă și educare termomecanică utilizate pentru aplicații robotice Contract IDEI cod 616 nr 83 din 01.10.2007 , Iași Director de proiect Prof. Sergiu Stanciu Valoare proiect:737160 RON Membru Valoare proiect 2007: 78000 lei Valoare proiect 2008: 300000 lei	8

						Valoare proiect 2009: 163800 lei Valoare proiect 2010: 195360 le	
						P6 Modular system of multifunctional elements with self-adapting displacement Universitatea Tehnica Gheorghe Asachi din Ias PN-II-PT-PCCA-2011-3.1-0174, Director BUJOREANU L.-G., Valoare: 1.920.000,00 (Parteneriate) Membru Valoare proiect 2012: 7333000 lei Valoare proiect 2013: 270000 lei Valoare proiect 2014: 134948 lei	6
						P7 Novel method for improving shape memory properties by atomic migration controlling (IDEI), PN-II-ID-PCE-2012-4-0033, Director: BUJOREANU L.-G., Membru Valoare proiect 2014: 375314 lei, Derulare proiect 2014, 2015	4
						P8 Noi aliaje composite cu entropie ridicată cu proprietăți mecanice și anticorozive superioare pentru aplicații la temperaturi înalte Parteneriate, PN II 270 / 2014 Director: Prof. dr. Ioan Carcea Membru Valoare: 69000 lei Valoare proiect 2014: 19000 lei Valoare proiect 2015: 50000 lei	4
						PN-III-P4-ID-PCE-2016-0468, Un studiu al factorilor care favorizeaza termoelasticitatea in aliajele superelastice cu memoria formei pe baza de Fe, Director Leandru-Gheorghe BUJOREANU Membru	2
						PN-III-P2-2.1-PED-2016-1051, Dezvoltarea de nanostructuri magnetice prin electrotehnologii moderne, MAGNANO, Eco-nano-tehnologii, Director Lupu Iuliana Gabriela. Membru	2
3	Recunoașterea și impactul activități					Minim 120 de puncte Indeplinit 442,035 de puncte	442,035

	i (A3)					
		3.1. Citări în reviste ISI și BDI	Se exclud autocitățile tuturor autorilor; pentru profesor minimum 30 de citări, lucrări citate: articol de revistă, conferință, carte, teză, brevet de invenție	3.1.1 ISI 5/nr. autori pentru FI < 0.5; 10/nr. autori pentru 0.5 < = FI < 1; 15/nr. autori pt. 1 < = FI < = 2 și 20/nr. autori pt. FI > 2<5 și 30/nr. Autori pt. FI>5.		
					Citări în reviste ISI și BDI	
					N. Cimpoesu , F. Sandulache, B. Istrate, R. Cimpoesu , G. Zegan Electrochimical behaviour of biodegradable FeMnSi-MgCa alloy.METALS , acceptat spre publicare, iulie 2018	
					Sherif, El-Sayed M.; AlHaza, Abdulaziz N.; Abdo, Hany S., Manufacturing of Mg-Ti Couples at Different Heat Treatment Temperatures and Their Corrosion Behavior in Chloride Solutions, MATERIALS, Volume: 12, Issue: 8 Article Number: 1300, 2019. Punctaj: 20/5=0,5	4
					Delpueyo D., Balandraud X., Grediac M., Stanciu S., Cimpoesu N. , Measurement of Mechanical Dissipation in SMAs by Infrared Thermography, Residual stress, thermomechanics & infrared imaging, hybrid techniques and inverse problems, Vol 9, Conference Proceedings of the Society for Experimental Mechanics Series, Pg. 9-14, DOI: 10.1007/978-3-319-42255-8_2, 2017.	
					Florea C., Bejinariu C., Savin C., Istrate B., Benchea M., Cimpoesu R, Adhesion characterisation of complex ceramics thin layers deposited on metallic substrate,Materials Science Forum Vol. 907, MSF, 2017, Pages 126-133, 10th International Conference on Materials Science and Engineering, BraMat 2017; Brasov; Romania; 2017, Code 199519. Punctaj: 3/6=0,5	0,5

					R. Chelariu, G.D. Suditu, D.Mareci, G. Bolat, N. Cimpoesu , F. Leon, S. Curteanu <i>Prediction of corrosion resistance of some dental metallic materials with an adaptive regression model</i> JOM - The Journal of The Minerals, Metals & Materials Society (TMS), acceptata pentru publicare aprilie 2015, DOI: 10.1007/s11837-015-1362-3.	
					Tamerler Candan, Surfaces and Their Interfaces Meet Biology at the Bio-interface, JOM, 67, 11, 2480-2482, 2015 (FI: 2,145). Punctaj: 20/7= 2.86	2,86
					Elusai Millan-Ocampo, D.; Parrales-Bahena, Arianna; Gonzalo Gonzalez-Rodriguez, J.; et al., Modelling of Behavior for Inhibition Corrosion of Bronze Using Artificial Neural Network (ANN), ENTROPY, Vol.: 20, Issue: 6 , Article Number: 409, 2018. Punctaj: 20/7= 2.86	2,86
					Cerempei Angela; Muresan Emil Ioan; Cimpoesu Nicanor; Carp-Carare C., Rumbu C., Dyeing and antibacterial properties of aqueous extracts from quince (Cydonia oblonga) leaves Industrial crops and products, Vol.:94, Pg.: 216-225, 2016	
					1.Yilmaz DC,; Seyhan SA, Antioxidant potential of Cydonia oblonga Miller leaves, Istanbul journal of pharmacy, Vol. 47 Issue: 1 Pages: 9-12, DOI: 10.5152/IstanbulJPharm.2017.003, Published: 2017 Punctaj: 5/5=1	1
					2.Girdthep, Sutinee; Sirirak, Jitnapa; Daranarong, Donraporn; et al., Physico-chemical characterization of natural lake pigments obtained from Caesalpinia Sappan Linn. and their composite films for poly(lactic acid)-based packaging materials, DYES AND PIGMENTS, Vol. 157,: 27-39,2018. Punctaj: 20/5=4	4
					3.Zhang, XiuYun; Zhou, Yu; Wei, ZhiPing; et al., Antiphytoviral toxins of Actinidia chinensis root bark (ACRB) extract: laboratory and semi-field trials, PEST MANAGEMENT SCIENCE, Vol.: 74, 7,1630-1636, 2018 Punctaj: 20/5=4	4
					4.Zuin, Vania G.; Ramin, Luize Z., Green and Sustainable	6

						Separation of Natural Products from Agro-Industrial Waste: Challenges, Potentialities, and Perspectives on Emerging Approaches, TOPICS IN CURRENT CHEMISTRY, Vol. 376, 1, Article Number: 3, 2018 . Punctaj: 30/5=6	
						Izquierdo J., Bolat G., Cimpoesu N. , Trinca L.C., Mareci D., Souto R.M., Electrochemical characterization of pulsed layer deposited hydroxyapatite-zirconia layers on Ti-21Nb-15Ta-6Zr alloy for biomedical application, Applied surface science, Vol. 385, Pg. 368-378, DOI: 10.1016/j.apsusc.2016.05.130, 2016.	
						1. Rafieerad A. R.; Bushroa A. R.; Nasiri-Tabrizi B.; In-vitro bioassay of electrophoretically deposited hydroxyapatite-zirconia nanocomposite coating on Ti-6Al-7Nb implant, Advances in applied ceramics, Vol. 116, Issue: 6, Pg. 293-306, 2017 (IF: 1.325) Punctaj=15/6=2,5	2,5
						2.Wang, D. G.; Ming, X. C.; Zhang, W. L.; et al., Influence of annealing on the phase transformation of pulsed laser deposited HA/45S5 films, MATERIALS LETTERS, Vol. 217, 316-319, 2018. Punctaj=20/6=3,3	3,3
						3. Chen, Chunmei; He, Wei; Ding, Lijing; et al., First principles studies on the elastic, thermodynamic properties and electronic structure of Ti15-xMoxSn compounds CURRENT APPLIED PHYSICS, Vol 18, 3, 280-288, 2018 Punctaj=20/6=3,3	3,3
						4.Etminanfar, M. R.; Khalil-Allafi, J.; Sheykholeslami, S. O. R., The Effect of Hydroxyapatite Coatings on the Passivation Behavior of Oxidized and Unoxidized Superelastic Nitinol Alloys, JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, Vol. 27, 2, 501-509, 2018. Punctaj=15/6=2,5	2,5
						5.Kumar, A. Madhan; Hussein, M. A.; Adesina, Akeem Yusuf; et al., Influence of surface treatment on PEDOT coatings: surface and electrochemical corrosion aspects of newly developed Ti alloy, RSC ADVANCES, Vol. 8, 34, 19181-19195, 2018. Punctaj=20/6=3,3	3,3

					6. Baltatu MS , Vizureanu P , Cimpoesu R , Abdullah MMA , Sandu AV , The Corrosion Behavior of TiMoZrTa Alloys Used for Medical Applications, Revista de chimie, Vol. 67, Issue: 10, Pg. 2100-2102, 2016 (FI=1,4) Punctaj=15/6=2,5	2,5
					7. Baci E.R., Grădinaru I., Baci M., Baci C., Bejinariu C., Morphological Analysis (SEM) of the Surface of a Non-Noble Dental Alloy Subjected to Electrocorrosion, 2017, IOP Conference Series: Materials Science and Engineering, 209 (1), 012032. Punctaj=3/6=0,5	0,5
					8 .Baci M.A., Nanu C., Sandu G.I., Cazac A., Toma S.L., Influence of the Process Parameters on the Properties of Diamax Deposits Obtained by Flame Thermal Spray, 2017,IOP Conference Series: Materials Science and Engineering, 209 (1), 012072. Punctaj=3/6=0,5	0,5
					9.Florea C., Bejinariu C., Savin C., Benchea M., Cimpoesu R., Adhesion characterisation of complex ceramics thin layers deposited on metallic substrate, 2017,Materials Science Forum, 907, MSF, pp. 126-133. Punctaj=3/6=0,5	0,5
					N. Cimpoeșu , S. Stanciu, P. Vizureanu, R. Cimpoeșu, D.C. Achiței, I. Ioniță, <i>Obtaining shape memory alloy thin layer using PLD technique</i> , Journal of Mining and Metallurgy, Section B: Metallurgy, 50, 1, 2014, p. 69-76,	
					1. Gomidzelovic Lidija; Pozega Emina; Kostov, Ana; Vukovic N.; Krstic V.; Zivkovic D.; Balanovic L, Thermodynamics and characterization of shape memory Cu-Al-Zn alloys, Transactions of Nonferrous Metals Society of China, 25, 8, 2630-2636, 2015, (FI:1,1). Punctaj: 15/6= 2.5.	2,5
					2. Simsic, Zdenka Stanojevic; Manasijevic Dragan; Zivkovi, Dragana; Grguric TH; Kostov A.; Minic D; Zivkovic Z, Experimental investigation and characterization of selected as-cast alloys in vertical Cu0.5Ag0.5-Al section in ternary Cu-Al-Ag system, Journal of thermal analysis and calorimetry, 120, 1, 149-155, 2015 (FI:2,04). Punctaj: 20/6= 3.33.	3,33

					3. Simsic Zdenka Stanojevic; Zivkovic Dragana; Manasijevic Dragan; Grguric TH; Du Y; Gojic, M; Kozuh S; Kostov A; Todorovic R, Thermal analysis and microstructural investigation of Cu-rich alloys in the Cu-Al-Ag system, Journal of alloys and compounds, 612, 486-492, 2014, (FI: 2,726). Punctaj: 20/6= 3.33.	3,33
					4. Bloch Katarzyna, Microstructure and Structural Defects of Bulk Amorphous Fe ₆₄ Co ₁₀ Y ₆ B ₂₀ Alloy, Revista de chimie, Vol. 68, Issue: 10, Pag.: 2413-2415, 2017. (FI=1,232) Punctaj: 15/6= 2.5.	2,5
					O.G. Pompilian, G. Dascalu, I. Mihaila, S. Gurlui, M. Olivier, P. Nemec, V. Nazabal, N. Cimpoesu , C.Focsa, <i>Pulsed laser deposition of rare-earth-doped gallium lanthanum sulphide chalcogenide glass thin films</i> , Applied Physics A, 117, 2014, p. 197-205.	
					1. Xiao Lingling; Zhu Jun; Ding Tiezhu; Synthesis and characterization of Ce-incorporated CuInS ₂ chalcopyrites, Materials letters, 159, 392-394, 2015, (FI:2,489). Punctaj: 20/9=2,22.	2,22
					2. Tao, Guangming; Ebendorff-Heidepriem, Heike; Stolyarov, Alexander M.; Danto, S; Badding, JV; Fink, Y; Ballato, J; Abouraddy, AF, Infrared fibers, Advances in optics and photonics, 7, 2, 379-458, 2015, (FI:11). Punctaj: 30/9=3,33.	3,33
					3. Wu, Chunyan; Mao, Dun; Liu, Zhu; N-type In ₂ S ₃ films deposited by pulsed laser deposition: effect of laser power on the properties of the films, Materials research express, Vol. 2, Issue: 5, Article Number: 056401, 2015, (FI=1,07) Punctaj= 15/9=1,67	1,67
					4. Popescu M, Lorinczi A.; Sava F, Velea A, Simandan ID, Badica, P; Burdusel, M Galca A. C., Socol, Jipa, F., Thin films of amorphous Ga ₂ S ₃ and rare-earth sulphides, Materials letters, Volume: 142 Pages: 229-231, DOI: 10.1016/j.matlet.2014.12.028, Published: MAR 1 2015, (FI=2,57) Punctaj: 20/9=2,22.	2,22
					A. Cerempei, E.I.Muresan, N.Cimpoesu , <i>Biomaterials with controlled release of geranium essential</i>	

						oil, Journal of Essential Oil Research, 26, 4, 2014, p. 267-273.	
						1. Ge Yan; Ge Mingqiao, Sustained Broad-spectrum Antimicrobial and Haemostatic Chitosan-based Film with Immersed Tea Tree Oil Droplets, Fibers and polymers, 16, 2, 308-318, 2015, (FI:1.11). Punctaj: 15/3=5.	5
						2. Radu C.-D., Parteni O., Ochiuz L., Applications of cyclodextrins in medical textiles — review , 2016 Source of the, Journal of Controlled Release, Vol. 224, Pg. 146-157, 2016 (FI 7,7). Punctaj: 30/3=10.	10
						3. Blerot B., Baudino S., Prunier C., Toulemonde B., Caissard, J.-C., Botany, agronomy and biotechnology of Pelargonium used for essential oil production, 2016 , Phytochemistry Reviews, 15 (5), 935-960.(FI 3,4) Punctaj: 20/3=3,33.	6,66
						4. Zeighampour, F., Alihosseini, F., Morshed, M., Rahimi, A.A., Comparison of prolonged antibacterial activity and release profile of propolis-incorporated PVA nanofibrous mat, microfibrous mat, and film, 2018, Journal of Applied Polymer Science, 135 (6), 45794 (FI:1,86) Punctaj: 15/3=3.	5
						5. Radu, C.-D., Parteni, O., Sandu, I.G., (...), Munteanu, C., Lupu, V.V., Specific characterization of a multilayer biomaterial controlled release of tacrolimus, 2016, Revista de Chimie, 67 (1), pp. 199-203, (FI: 1,2) Punctaj: 15/3=5.	5
						G. Iovan, S. Stoleriu, C. A. Ghiorghe, N.Cimpoesu , A. Georgescu, S.Adrian, <i>Evaluation of the Interfacial Morphology between a Single Component Adhesive and Dentin with or without Preliminary Acid Etching</i> , Materiale Plastice, 51, 4, 2014 pg. 421-423.	
						1. Mihalas, Eugeniu; Maxim, Adam; Balan, Adriana; Matricala, L; Maxim, DC; Toma, V; Petcu, A, Chemical Content Variations and Morphological Changes Evaluation of Incisors Enamel Induced by Chronic Fluoride Intoxication, Revista de Chimie, 66, 6, 843-846, 2016 (FI:1,23). Punctaj: 15/6=2,5.	2,5
						G. Bolat, D. Mareci, S. Iacoban, N. Cimpoesu , C.	

						Munteanu, <i>The estimation of corrosion behavior of NiTi and NiTiNb alloys using Dynamic Electrochemical Impedance Spectroscopy</i> , Journal of Spectroscopy, vol. 2013, ID 714920	
						1. Jiang, Qiong; Miao, Qiang; Liang, Wen-ping; Ying, F; Tong, F; Xu, Y; Ren, BL; Yao, ZJ ; Zhang, PZ, Corrosion behavior of arc sprayed Al-Zn-Si-RE coatings on mild steel in 3.5 wt% NaCl solution, Electrochimica Acta, 115, 644-656, 2014. (FI: 4,086). Punctaj: 20/5=4.	4
						2. Jiang, Q., Miao, Q., Tong, F., Liu, Z.-M., Yao, Z.-J., Electrochemical corrosion behavior of arc sprayed Al-Zn-Si-RE coatings on mild steel in 3.5% NaCl solution 2014 Oral Oncology, 50 (10), pp. 2713-2722, (FI=4.794) Punctaj: 20/5=4.	4
						3. Sherif, El-Sayed M.; Seikh, Asiful H., Effects of Immersion Time and 5-Phenyl-1H-tetrazole on the Corrosion and Corrosion Mitigation of Cobalt Free Maraging Steel in 0.5 M Sulfuric Acid Pickling Solutions, Journal of chemistry, 497823, 2013 (FI: 1,3). Punctaj: 15/5=3.	3
						4. Stergioudi, F., Vogiatzis, C.A., Pavlidou, E., Skolianos, S., Michailidis, N. , Corrosion resistance of porous NiTi biomedical alloy in simulated body fluids , 2016, Smart Materials and Structures, 25 (4), 095024, (FI=2,91). Punctaj: 20/5=4.	4
						5. Chen, X., Peng, X., Chen, B., Zeng, Z., Hu, N. , Experimental investigation to thermal-mechanical behavior of Ni 47Ti44Nb9 SMA under pure tension and pure torsion, 2014, Journal of Alloys and Compounds, 610, 151-160, (FI:=3,1). Punctaj: 20/5=4.	4
						6. Rikhari, B., Mani, S. P.; Rajendran N., Investigation of corrosion behavior of polypyrrole-coated Ti using dynamic electrochemical impedance spectroscopy (DEIS), RSC ADVANCES, Vol.: 6, Issue: 83 Pages: 80275-80285, DOI: 10.1039/c6ra09100h, 2016, (FI=3,108) Punctaj: 20/5=4.	4
						7. Gradinaru, I.; Timofte, D.; Vasincu D.; Telsoianu	2

					D. Cimpoesu, R., Manole V.; Gheuca-Solovastru, L., Preliminary Results on Pulsed Laser Deposition of PMMA on Nitinol Substrate, Materiale plastice, Vol. 51, Pg. 230-234, 2014. (FI=0,77) Punctaj: 10/5=2.	
					8. Stirbu I., Vizureanu P., Cimpoesu R.; Lungu M., Bernevig M., Popa RF, Chemical procedures for Ti-alloy based metallic surface modification, OAM_RC Vol. 8 Issue: 3-4, Pg. 242-246, 2014, (FI=0,44) Punctaj: 5/5=1.	1
					9. Stirbu, I., Vizureanu P., Ratoi M. ; Cimpoesu R., Obtaining Hydroxyapatite (HA) by Sol-Gel Method on Ti6Al4V Alloys Aiming the Implant's Surface Bio-Functionalization, IEEE, 2013 E-health and bioengineering conference (EHB), 2013. Punctaj: 5/5=1.	1
					10. Ursanu DA., Stanciu S., Cimpoesu R., Ionita I., Ratoi M., Constantin T., Cimpoesu I., Agop M., The Corrosion Resistance of NiTi-Active Element Before and After Thermo-Mechanical Solicitation, Book Series: Applied Mechanics and Materials, Vol. 371, Pages: 353, DOI: 10.4028/www.scientific.net/AMM.371.353, 2013. Punctaj: 5/5=1.	1
					L.-G. Bujoreanu, N. M. Lohan, B. Pricop, N. Cimpoeșu <i>On role of atomic migration in amnesia occurrence during complex thermal cycling of Cu–Zn–Al shape memory alloy,</i> Materials Science Technology, vol.28, 6, 58-667, 2012	
					Ursanu, A , Stanciu, S , Cimpoesu, R , Adoroaie, CG , Paraschiv, P., Bernevig, M , NiTi Shape Memory Alloy Active Element Behavior in Long Time Solicitation Conditions, Book Series: Applied Mechanics and Materials, Volume: 657 Pages: 387-391 DOI: 10.4028/www.scientific.net/AMM.657.387, 2014 Punctaj=5/4=1,25	1,25
					D. Mareci, N. Cimpoesu , M. I. Popa, <i>Electrochemical and SEM characterization of NiTi alloy coated with chitosan by PLD technique,</i> Materials and Corrosion, 2012, 63, No.63 (11), pg. 176-180.	
					1.Mahu, G.; Munteanu, C.; Istrate, B.; Plasma sprayed	1,66

						coatings on crankshaft used steels, Book Series: IOP Conference Series-Materials Science and Engineering, Vol.: 227, Article Number: UNSP 012077, 2017 Punctaj: 5/3=1,66.	
						2.Florea, Costel Dorel; Carcea, Ioan; Cimpoesu, Ramona, Experimental Analysis of Resistance to Electrocorosion of a High Chromium Cast Iron with Applications in the Vehicle Industry, Revista de chimie, Vol.: 68, Issue: 10, Pg. 2397-2401, 2017. (FI=1,232) Punctaj: 15/3=5.	5
						3.Baltatu, Madalina Simona; Vizureanu, Petrica; Cimpoesu, Ramona; Abdullah, M.M.A., Sandu, AV, The Corrosion Behavior of TiMoZrTa Alloys Used for Medical Applications, Revista de chimie, Vol. 67, Issue: 10, Pg. 2100-2102, 2016, (FI=1,232) Punctaj: 15/3=5.	5
						4.Zegan G., Cimpoesu R., Agop M., Stirbu I., Chicet D.L., Istrate B., Alexandru A., Prisacariu B.A., Improving the HA deposition process on Ti-based advanced alloy through sandblasting, OAM_RC, Vol. 10, Issue: 3-4, Pag. 279-284, 2016. (FI=0,45) Punctaj=5/3=1,66	1,66
						5.Fantanariu, M., Trinca, L.C., Solcan C., Trofin A., Strungaru S., Sindilar E.V., Plavan G., Stanciu S., A new Fe-Mn-Si alloplastic biomaterial as bone grafting material: In vivo study Applied surface science, Vol.352 Pages: 129-139, DOI: 10.1016/j.apsusc.2015.04.197, (FI=3,3) Punctaj=20/3=6,66	6,66
						6. Maleki-Ghaleh, H.; Khalil-Allafi, J.; Khalili, V.; Shakeri, MS; Javidi, M, Effect of hydroxyapatite coating fabricated by electrophoretic deposition method on corrosion behavior and nickel release of NiTi shape memory alloy, Materials and corrosion-werkstoffe und korrosion, 65, 7, 725-732, 2014 (FI: 1,26). Punctaj: 15/3=5.	5
						7.Gradinaru, I , Timofte, D , Vasincu, D , Telsoianu, D, Cimpoesu, R , Manole, V , Gheuca-Solovastru, L ., Preliminary Results on Pulsed Laser Deposition of PMMA on Nitinol Substrate, Materiale plastice, Vol.: 51, Issue: 3, Pg: 230-234, 2014, (FI=0,77)	3,33

					Punctaj: 10/3=2.	
					8. Ursanu, DA , Stanciu, S , Cimpoesu, R , Ionita, I , Ratoi, M ,Constantin, T , Cimpoesu, I , Agop, M , The Corrosion Resistance of NiTi-Active Element Before and After Thermo-Mechanical Solicitation, Book Series: Applied Mechanics and Materials, Vol.371, Pg. 353-+ DOI: 10.4028/www.scientific.net/AMM.371.353, 2013. Punctaj=5/3=1,66	1,66
					9. Stirbu, Ionut; Vizureanu, Petrica; Ratoi, Mihaela; Cimpoesu Ramona, Obtaining Hydroxyapatite (HA) by Sol-Gel Method on Ti6Al4V Alloys Aiming the Implant's Surface Bio-Functionalization IEEE, Conference: 4th IEEE International Conference on E-Health and Bioengineering (EHB) Location: Iasi, ROMANIA Date: NOV 21-23, 2013 Punctaj=5/3=1,66	1,66
					I. Nica, N. Cimpoesu , V. Rusu, M. Andronache, C.Stefanescu, <i>Stuctural properties of nanofilled and microfilled restorative composites</i> , Materiale Plastice 49 (3), 2012, pp. 176-180.	
					1.Hanganu, Stela Carmen; Armencia, Adina Oana; Murariu, Alice Mirela; Macovei, G; Hanganu, LC; Grigoras, S; Bobu, LI, In vitro Interaction Between Two Composite Restorative Materials and Artificial Saliva, Materiale Plastice, 51, 4, 388-390, 2014, (FI:0,77). Punctaj: 10/5=2.	2
					2. Saridağ, S., Çökük, N., Kara, E., Köşeler, E., Light transmission of different resin composites at different thicknesses , 2016, Cumhuriyet Dental Journal, 19 (3), pp. 197-204 Punctaj 5/5=1	1
					G. Vitel, A.L. Paraschiv, M.G. Suru, N. Cimpoesu , L.-G. Bujoreanu, <i>Tempering effects in a normalized hot forged Cu-Zn-Al shape memory alloy</i> , Optoelectronics and Advanced Materials, Rapid Communications 6 (1-2), 2012, pp. 339-342.	
					1. Wang, Baogang; Wang, Xu; Zhou, Jixue; Zhang, GF; Liu, F, Effects of solution heat treatment on microstructure and mechanical properties of Mg-3Al-1Si-0.3Mn-xSr alloy, Materials Science And Engineering A-Structural Materials	4

					Properties Microstructure And Processing, 618, 210-218, 2014. (FI: 2,409). Punctaj: 20/5=4.	
					2. Wang Baogang; Wang Xu; Zhou Jixue; Liu, YT; Liang, P; Wang, YL ; Zhang, GF, Modification effects of as cast Mg-Al-Si magnesium alloy with strontium, OAM-RC, 8, 1-2, 63-67, 2014, (FI: 0,3). Punctaj: 5/5=1.	1
					3. Craciun, RC , Stanciu, S , Cimpoesu, R , Ursanu, AI , Manole, V , Paraschiv, P , Chicet, DL ,Metallic materials for mechanical damping capacity applications, Book Series: IOP Conference Series-Materials Science and Engineering, Vol. 147, Article Number: UNSP 012031, DOI: 10.1088/1757-899X/147/1/012031, 2016, Punctaj: 5/5=1.	1
					L. G. Bujoreanu, N. M. Lohan, B. Pricop, N. Cimpoeșu , <i>Thermal Memory Degradation in a Cu-Zn-Al Shape Memory Alloy During Thermal Cycling with Free Air Cooling</i> Journal of Materials Engineering and Performance, Vol. 20, Issue: 3 Pg. 468-475, 2011.	
					1. Alaneme, K.K., Okotete, E.A. , Reconciling viability and cost-effective shape memory alloy options – A review of copper and iron based shape memory metallic systems 2016, Engineering Science and Technology, an International Journal, 19 (3), 1582-1592. Punctaj 5/4=1,25	1,25
					2. Alaneme, K.K., Okotete, E.A., Maledi, N., Phase characterisation and mechanical behaviour of Fe-B modified Cu-Zn-Al shape memory alloys 2017 , Journal of Materials Research and Technology, 6, (2), 136-146, FI 2,36. Punctaj=20/4=5	5
					3. Achitei, DC , Abdullah, MMA , Sandu, AV , Vizureanu, P , Abdullah, A , On The Fatigue of Shape Memory Alloys, Advanced materials engineering and technology II, Book Series: Key Engineering Materials, Vol.: 594-595, Pg.: 133-136, DOI: 10.4028/www.scientific.net/KEM.594-595.133, Published: 2014. Punctaj =5/4=1,25	1,25
					4. Acitei, DC , Sandu, AV , Abdullah, MMA ,Vizureanu,	1,25

					P ,Abdullah, A ,On The Structure of Shape Memory Alloys, Advanced materials engineering and technology II, Book Series: Key Engineering Materials, Vol.: 594-595, Pg.: 140-144, DOI: 10.4028/www.scientific.net/KEM.594-595.140, 2014, Punctaj =5/4=1,25	
					5. Cimpoesu, I ,Stanciu, S , Goanta, V , Achitei, DC , Lohan, NM , Constantin, B Thermo-elastic response of a NiTi SMA at compression solicitation, , Optoelec. and adv. Mat.-rapid com.,Vol. 6, Issue: 5-6, Pg.: 627-630, 2012, (FI=0,45) Punctaj=5/4=1,25	1,25
					6. Costan, A , Cimpoesu, RH , Ionita, I , Dima, A , Forna, N , Nica, P , Agop, M.,Hydroxyapatite and PMMA Thin Films Synthesized by Pulsed Laser Deposition on Titanium Based Metallic Substrates, Materiale plastice, Vol.: 48, Issue: 4, Pg.: 299-302, 2011, (FI=0,77) Punctaj=10/4=2,5	2,5
					7. Costan, A , Forna, N , Dima, A , Andronache, M , Roman, C , Manole, V , Stratulat, L , Agop M. , Biodegradable hydroxyapatite layer obtained on Ti-6Al-4V alloy dental implant material, JOAM, Vol.: 13, Issue: 9-10, Pages: 1338-1341, 2011. (FI=0,45) Punctaj=5/4=1,25	1,25
					8. Costan, A , Dima, A , Ionita, I , Forna, N , Perju, MC , Agop, M Thermal properties of a Ti-6Al-4V alloy used as dental implant material,.OAM_RC, Vol. 5, 1-2, 92-95, 2011, (FI=0,45) Punctaj=5/4=1,25	1,25
					N. M. Lohan, B. Pricop, L.-G.Bujoreanu, N. Cimpoesu , <i>Heating rate effects on reverse martensitic transformation in a Cu-Zn-Al shape memory alloy</i> Int. J. of Mat. Research, vol. 102, Issue: 11, Pag. 1345-1351, 2011.	
					1.Gojic, Mirko; Kozuh, Stjepan; Anzel, Ivan; Lojen, G; Ivanic, I; Kosec, B, Microstructural and phase analysis of CuAlNi shape-memory alloy after continuous casting, Materiali in tehnologije, 47, 2, 149-152, 2013.(FI: 0,43). Punctaj: 5/4=1,25	1,25
					2. Li, Ming; Mao, Xianbiao; Pu, Hai; Effects of Heating Rate on the Dynamic Tensile Mechanical Properties of Coal Sandstone during Thermal Treatment, Shock and vibration, Article Number: 4137805 , 2017, (FI=1,28)	3,75

					Punctaj=15/4=3,75	
					3. Craciun, RC, Stanciu, S, Cimpoesu, R, Ursanu, AI, Manole, V , Paraschiv, P , Chicet, DL , Metallic materials for mechanical damping capacity applications, 7TH Book Series: IOP Conference Series-Materials Science and Engineering, Vol. 147, Article Number: UNSP 012031, DOI: 10.1088/1757-899X/147/1/012031, 2016, Punctaj: 5/4=1,25	1,25
					4. Ivanić, I., Gojić, M., Kožuh, S., Shape memory alloys (part II): Classification, production and application [Slitine s prisjetljivosti oblika (II. dio): podjela, proizvodnja i primjena] Year the, 2014 , Kemija u industriji/Journal of Chemists and Chemical Engineers, 63, (9-10), 331-344 Punctaj 3/4=0,75	0,75
					N. Aelenei, M. Lungu, D. Mareci, N. Cimpoesu , <i>HSLA steel and cast iron corrosion in natural seawater, Environmental Engineering and Management Journal, 2011, 10, 12, p. 1951-1958.</i>	
					1. Lingvay, I., Văireanu, D.-I., Öllerer, K., Lingvay, C., The influence of synthetic and environmentally friendly scale and corrosion inhibitors on the biodegradation of pollutants , 2012, Environmental Engineering and Management Journal, 11 (4), pp. 767-772 Punctaj =15/4=3,75	3,75
					2. Florea, C., Bejinariu C., Savin C., Istrate B., Benchea M., Cimpoesu R., Adhesion characterisation of complex ceramics thin layers deposited on metallic substrate, MSF, Volume 907 MSF, 2017, Pages 126-133, 10th International Conference on Materials Science and Engineering, BraMat 2017; Brasov; Romania; 8 March 2017 through 11 March 2017; Code 199519 Punctaj=3/4=0,75	0,75
					G. Vitel, A. L Paraschiv, M. G. Suru, N. Cimpoesu , L. -G Bujoreanu <i>New calorimetric-structural aspects of temperature memory effect in hot rolled Cu-Zn-Al SMAs</i> , Optoelectronics and Advanced Materials-Rapid Communications, 5, Issue: 8 Pg. 858-862, 2011.	
					Cimpoesu, I , Stanciu, S., Goanta, V , Achitei, DC , Lohan, NM ,Constantin, B ., Thermo-elastic response of a NiTi SMA at compression solicitation, OAM_RC,	1,25

					Vol.: 6, Issue: 5-6, Pages: 627-630, 2012. Punctaj=5/4=1,25	
					D. Paduraru, N. Aelenei, D. Luca, N.Cimpoesu , <i>New brushite cements analysis</i> , Optoelectronics and Advanced Materials-Rapid Communications Vol. 5 Issue: 3-4 Pages: 465-468, 2011.	
					Mareci, D , Chelariu, R , Bolat, G, Cailean, A ,Sutiman, D. Electrochemical corrosion characteristics of TiTa alloys in commercial mouthwash solution, Journal of optoelectronics and advanced materials, Vol.: 14, Issue: 1-2, Pg: 112-119, 2012, (FI=0,45) Punctaj=5/4=1,25	1,25
					Nejneru, C , Vizureanu, P., Sandu, AV , Grecu, A , Cimpoesu, N ,Thermal Fatigue of Some Synthetic Hardening Environments with CMC, Revista de chimie, Vol. 65, Issue: 2, Pages:, 194-198, 2014.	
					Florea, CD , Carcea, I , ; Cimpoesu, R , Toma, SL , Sandu, IG , Bejinariu, C., Experimental Analysis of Resistance to Electrocorosion of a High Chromium Cast Iron with Applications in the Vehicle Industry, Revista de chimie, Vol. 68, Issue: 10, Pages: 2397-2401, 2017. FI=1,2 Punctaj=15/5=3	3
					N.Cimpoeșu , S. Stanciu, M. Meyer, I. Ioniță, R. Hanu Cimpoeșu, <i>Effect of stress on damping capacity of a shape memory alloy CuZnAl</i> , Journal of Optoelectronics and Advanced Materials, 12, 2, pg. 386-391, 2010	
					1. Oriňaková, R., Oriňak, A., Kupková, M., (...), Petruš, O., Kalavský, F., In vitro degradation and cytotoxicity evaluation of iron biomaterials with hydroxyapatite film , 2015, International Journal of Electrochemical Science, 10 (10), pp. 8158-8174, FI 1,47. Punctaj=15/5=3	3
					2. Wu, Shyi-Kaan; Chan, Wei-Jyun; Chang, Shih- Hang, Damping Characteristics of Inherent and Intrinsic Internal Friction of Cu-Zn-Al Shape Memory Alloys, Metals, Vol.: 7, Issue: 10, Article Number: 397, 2017, (FI=1,98) Punctaj=15/5=3	3

					3. Dana, D , Sandu, IG, Vizureanu, P , Sandu, I Study on the Corrosion Resistance of Welded-Brazed Joints, Revista de chimie, Vol. 64, Issue: 12, Pg. , 465-1467, 2013, (FI=1,232) Punctaj=15/5=3	3
					4. Dana, D , Sandu, IG , Vizureanu, P , Sandu, I , Metal inert gas welding-brazing technological development and experimental results, JOAM, Volume: 15 Issue: 9-10 Pages: 1153-1161, 2013, (FI=0,45) Punctaj 5/5=1	1
					5. Suru, M. -G.; Bujoreanu, L. -G., Comparative topographic study of surface micro-relief of primary martensite plates in shape memory alloys with different crystalline structures, Materialwissenschaft und werkstofftechnik, Vol.: 43, Issue: 11, Pages: 973-978, 2012 (FI=0,52) Punctaj=10/5=2	2
					6. Lohan, N. M.; Bujoreanu, L-G.; Baciuc, C., 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, Micro & nano letters, Vol. 7, Issue: 6, Pg. 540-543, 2012, (FI=0,72). Punctaj=10/5=2	2
					7. Degeratu, Danut, Quantitative determining of cu, ag, au and pt from electrical and electronic waste, Metalurgia Int., 17, 1, 72-77, 2012. Punctaj 5/5=1	1
					8. Degeratu, Danut, The identification of precious metal sources in electrical and electronic waste by means of stereomicroscopy, Met. Int., 17, 1, 102-105, 2012. Punctaj 5/5=1	1
					9. Stefan, Mihai; Mihai, Dumitru, Analysis of alloys behavior by molding simulation point of view, Met. Int., Vol.: 17, Issue: 3, Pg.: 38-42, 2012 Punctaj 5/5=1	1
					10. Achitei, DC , Vizureanu, P , Galusca, DG , Axinte, M , Thermomechanical fatigue behaviour of shape memory alloy Cu(75.4)Zn(18.6)Al(5.85), MODTECH 2012: New face of t m c r, vol I and II, Book Series: International Conference ModTech Proceedings, Pages: 1-4, 2012.	1

						Punctaj 5/5=1	
						11. Costan, A , Forna, N , Dima, A , Andronache, M , Roman, C , Manole, V , Stratulat, L , Agop M. , Biodegradable hydroxyapatite layer obtained on Ti-6Al-4V alloy dental implant material, Journal of optoelectronics and advanced materials, Vol.: 13, Issue: 9-10, Pg. 1338-1341, 2011. (FI=0,45) Punctaj=5/5=1	1
						12. Paraschiv, Ciprian Constantin, The determination of sports fan attitude using marketing research, Metalurgia international, Vol. 16 Issue: 12, Pg.: 83-86, 2011, Punctaj 5/5=1	1
						13. Costan, A , Dima, A , Ionita, I , Forna, N , Perju, MC , Agop, M , Thermal properties of a Ti-6Al-4V alloy used as dental implant material, Optoelectronics and advanced materials-rapid communications, Vol. 5, Issue: 1-2, Pages: 92-95, 2011, (FI=0,45) Punctaj=5/5=1	1
						C. Lohan, B. Pricop, R. I. Comănesci, N. Cimpoeșu , L. G. Bujoreanu, <i>Variation tendencies of tensile constrained recovery behaviour and associated structural changes during thermal cycling of a Fe-Mn-Si-Cr-Ni shape memory alloy</i> , Optoelectronics and Advanced Materials-Rapid Communications, 4, 6, 2010, p. 816 – 820.	
						1. Degeratu, Danut, Quantitative determining of cu, ag, au and pt from electrical and electronic waste, Met. Int., 17, 1, 72-77, 2012. Punctaj: 5/5=1.	1
						2. Paraschiv, Ciprian C., The determination of sports fan attitude using marketing research, Met. Int., Vol. 16, Issue: 12, pg: 83-86, 2011, Punctaj: 5/5=1.	1
						N. Cimpoesu , M. Axinte, R. Cimpoesu Hanu, C. Nejneru, D. C. Achitei, S. Stanciu <i>Behavior simulation of a copper based shape memory alloy under an external solicitation</i> , Journal of Optoelectronics and Advanced Materials, 12, 8, p. 1772-1776, 2010.	
						1. Vitel, G , Pricop, B , Suru M.G., Lohan, NM , Bujoreanu, L.G. , Study of Temperature Memory Effect During the Thermal Cycling in Hydraulic Systems, Journal of testing	1,66

						and evaluation, Vol. 44, Issue: 4, Pg. 1525-1534, DOI: 10.1520/JTE20140138, 2016, (FI=0,54) Punctaj=10/6=1,66	
						2. Lohan, N. M.; Bujoreanu, L-G.; Baci, C., 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, Micro & nano letters, Vol. 7, Issue: 6, Pg. 540-543, 2012, (FI=0,72). Punctaj=10/6=1,66	1,66
						N. Cimpoeșu , S. Stanciu, I. Doroftei, I. Ioniță, V. Radu, P. Paraschiv, <i>Electrical behavior of a smart Nitinol spring under full time constrain</i> , Optoelectronics and Advanced Materials-Rapid Communications, vol 4, no. 12, 2010, p. 2028 – 2031.	
						1. Lohan, NM , Mihalache, E , Pricop, B , Suru, MG ,Bujoreanu, LG , A study of R-phase transition and temperature memory effect in a commercial Nitinol wire, Journal of optoelectronics and advanced materials, Vol.: 17, Issue: 9-10, Pg.: 1431-1436, 2015, (FI=0,45) Punctaj=5/6=0,83	0,83
						2. Gradinaru, I ,Timofte, D , Vasincu, D , Telsoianu, D., Cimpoesu, R , Manole, V , Gheuca-Solovastru L., Preliminary Results on Pulsed Laser Deposition of PMMA on Nitinol Substrate, Materiale plastice, Vol.: 51, Issue: 3, Pages: 230-234, 2014, (FI=0,77) Punctaj=10/6=1,66	1,66
						3. Doroftei, I.; Stirbu, B., Application of Ni-Ti shape memory alloy actuators in a walking micro-robot, MECHANIKA, Issue: 1, Pages: 70-79, 2014, (FI=0,38) Punctaj=5/6=0,83	0,83
						4. Doroftei, Ioan; Adascalitei, Florentina, A Hexapod Walking Micro-Robot with Compliant Legs, Conference: MTM and Robotics 2012 - Joint International Conference of the 11th International Conference on Mechanisms and Mechanical Transmissions/International Conference on Robotics Location: Clermont Ferrand, FRANCE Date: JUN 06-08, 2012, Book Series: Applied Mechanics and Materials, Vol. 162, Pag.: 234-241, Punctaj=5/6=0,83	0,83

					5. Stefan, Mihai; Mihai, Dumitru, Analysis of alloys behavior by molding simulation point of view, Met. Int. Vol. 17 Issue: 3 Pages: 38-42, 2012 Punctaj=5/6=0,83	0,83
					6. Degeratu, Danut, Quantitative determining of Cu, Ag, Au and Pt from electrical and electronic waste, Metalurgia international, Vol. 17, Issue: 1, Pg: 72-77, 2012, Punctaj=5/6=0,83	0,83
					7. Degeratu, Danut, The identification of precious metal sources in electrical and electronic waste by means of stereomicroscopy, Met. Int. Vol. 17, Issue: 1, Pg.: 102-105, 2012. Punctaj=5/6=0,83	0,83
					8. Paraschiv, Ciprian Constantin, The determination of sports fan attitude using marketing research, Met. Int., Vol. 16, Issue: 12, Pg.: 83-86, 2011. Punctaj=5/6=0,83	0,83
					V.-P. Paun, N. Cimpoesu , R. Hanu Cimpoesu, G. V. Muncelleanu, N. Forna, M. Agop, <i>On the Energy Dissipation Capacity and the Shape Memory. A Comparative Study between Polymer Composites and Alloys.</i> Materiale Plastice, (2010), vol. 47, nr. 2, pg. 158-163.	
					1. Corbi, O., Zaghw, A.H., Elattar, A., Saleh, A. , Preservation provisions for the environmental protection of egyptian monuments subject to structural vibrations, 2013, International Journal of Mechanics, 7, (3), 172-179. Punctaj= 5/6=0,83	0,83
					2. Grigore, N ,Pirvut, V , Mihai, I , Mitariu, SIC , Sava, M , Hasegan, A ,Polymer Ligating Clips in Urologic Laparoscopic Surgery, Materiale plastice, Vol. 54, Issue: 2, Pg. 295-297, 2017, (FI=0,77) Punctaj=10/6=1,66	1,66
					3. Paun, VA , Popa, M , Desbrieres, J., Peptu, CA , Dragan, SV , Zegan, G , Cioca, G , Liposome Loaded Chitosan Hydrogels, a Promising Way to Reduce the Burst Effect in Drug Release A comparativ analysis, Materiale plastice, Vol. 53, Issue: 4, Pages: 590-593, 2016, (FI=0,77) Punctaj=10/6=1,66	1,66
					4. Paun, VA , Ochiuz, L , Hortolomei, M , Creteanu, A ,	1,66

						Stoieriu, I , Ghiciuc, CM , Serban, GT , Zegan, G , Cioca, G , In Vitro Release Kinetics Evaluation of Erythromycin in Microemulsions for Dermal Applications, Materiale plastice, Vol. 53 Issue: 4, Pg.: 699-702, 2016, (FI=0,77) Punctaj=10/6=1,66	
						5. Earar, Kamel; Matei, Madalina Nicoleta, Practical issues involved in subtotal edentation rehabilitation, Romanian journal of oral rehabilitation, Vol.: 8, Issue: 4, Pg. 80-89, 2016. Punctaj=5/6=0,83	0,83
						6. Achitei, DC , Minciuna, MG , Abdullah, MMA , Sandu, AV , Szota, M , ; Vizureanu, P , Behavior of CuPb12Sn6 Alloys subjected to Heat Treatments, Book Series: MATEC Web of Conferences, Vol.: 78, Article Number: UNSP 01082, DOI: 10.1051/matecconf/20167801082, 2016. Punctaj=5/6=0,83	0,83
						7. Teodorescu, M , Schacher, L , Adolphe, D , Gradinaru, I ,Zetu, I , Stratulat, S ,Experimental and Theoretical Investigations in Polyamide Spin-Coated Thin Films, Materiale plastice, Vol.: 50, Issue: 3, Pg. 225-229, 2013. (FI=0,77) Punctaj=10/6=1,66	1,66
						8. Radu, V , Bacaita, S , Uliniuc, A , Popa, M , Susanu, S , Fractal Hydrodynamic Model for Drug Release Processes from Starch Based Hydrogels, Materiale plastice, Vol.: 50, Issue: 1, 18-22, 2013. (FI=0,77) Punctaj=10/6=1,66	1,66
						9. Minovskva, Ana; Popovska, Mirjana; Radojkova-Nikolovska, Vera; Stojcheva, DC; Popescu, E; Forna, DA, Study Regarding the Use of Er:YAG Laser for Initial Treatment of Periodontal Disease, Revista de chimie, 66, 7, 1052-1056, 2015, (FI:0,8). Punctaj: 10/6=1.66.	1,66
						10. Bejan, L., Axinte, A., Taranu, N., Influence of the geometric parameters on the elastic properties of textile polymeric composites , 2016 Materiale Plastice, FI 0,77 Punctaj=10/6=1,66	1,66
						11. Novac, RI, Sandu, AV , Vasilescu, E , Sandu, I ,Composite Coatings in Copper Matrix with Graphite as Dispersed Phase obtained by Electrodeposition, Revista	1,66

					de chimie, Vol.: 65, Issue: 11, Pg.: 1306-1309, 2014.(FI=1,232) Punctaj: 10/6=1.66.	
					M.-A. Paun, R. Cimpoesu Hanu, N. Cimpoesu , M. Agop, C. Baci, S. Stratulat, C. Nejneru, <i>Internal friction phenomena at polymeric and metallic shape memory materials. Experimental and theoretical results</i> , Materiale Plastice, 2010, 47, 2, pg. 209-214.	
					1. Nedelcu D., Santo, L., Santos, A.G., Mazurchevici, S.P. , Mechanical behaviour evaluation of arboform material samples by bending deflection test , 2015, Materiale Plastice, 52 (4), pp. 423-426 Punctaj=10/7=1,43	1,43
					2. Ivan, MV , Zala, A , Agop, A , Puiu, E , Vaideanu, D , Palamaciuc, I , Iancu, DT ,Crisan-Dabija, R ,Several aspects about fractalitaty role in the dynamics of complex systems, University politehnica of bucharest scientific bulletin-series a-applied mathematics and physics, Vol. 79, Issue: 3 , Pages: 235-246, 2017, (FI=0,27) Punctaj=5/7=0,71	0,71
					3. Achitei, DC , Minciuna, MM , Sandu, AV , Abdullah, MMA , Behavior of Al-Mg Alloy Subjected To Thermal Processing, Advanced materials engineering and technology V, Vol.: 1835, Article Number: UNSP 020051, DOI: 10.1063/1.4983791, 2017. Punctaj=5/7=0,71	0,71
					4. Bernevig, Mihai, Chemical influence of fluidized bed sand on almg2 surface alloy during solution annealing heat treatment, Metalurgia international, Vol.: 18, Issue: 2, Pages: 30-34, 2013. Punctaj=5/7=0,71	0,71
					4. Paun, VA , Popa, M , Desbrieres, J., Peptu, CA , Dragan, SV , Zegan, G , Cioca, G., Liposome Loaded Chitosan Hydrogels, a Promising Way to Reduce the Burst Effect in Drug Release A comparativ analysis, ,Materiale plastice, Vol. 53, Issue: 4, Pages: 590-593, 2016, (FI=0,77) Punctaj=10/7=1,43	1,43
					5. Paun, VA , Ochiuz, L , Hortolomei, M , Creteanu, A , Stoieriu, I , Ghiciuc, CM , Serban, GT , Zegan, G , Cioca, G , In Vitro Release Kinetics Evaluation of Erythromycin in Microemulsions for Dermal Applications, Materiale	1,43

					plastice, Vol. 53 Issue: 4, Pg.: 699-702, 2016, (FI=0,77) Punctaj=10/7=1,43	
					M. Răţoi, S. Stanciu, N.Cimpoeşu, I. Cimpoeşu, B. Constantin, C. Paraschiv, A Potential Biodegradable Metallic Material with Shape Memory Effect Based on Iron, Structural Integrity of Welded Structures , Timişoara, 2013. Advanced Materials Research Vol. 814 (2013) pp 110-114, (2013),doi:10.4028/www.scientific.net/AMR.814.11	
					1.Stirbu, I.; Vizureanu, P.; Cimpoesu, R.; Lungu, M; Bernevig, M; Popa, RF, Chemical procedures for Ti-alloy based metallic surface modification, OAM-RC, 8, 3-4, 242-246, 2014 (FI:0,3). Punctaj: 5/6=0,83	0,83
					N. Cimpoeşu , A. Ursanu, S. Stanciu, R. Cimpoeşu, B. Constantin, C. Paraschiv, S. O. Gurlui, <i>Preliminary Results of Copper Based Shape Memory Alloys Analysis used for MEMS Applications</i> , Applied Mechanics and Materials Vol. 371 (2013) pp 368-372, TTP, doi:10.4028/www.scientific.net/AMM.371.368	
					1. Concilio, Antonio; Lecce, Leonardo, Historical Background and Future Perspectives, book edited by: Lecce, L; Concilio, A, Shape memory alloy engineering: for aerospace, structural and biomedical applications, 3-30, 2015. Punctaj: 5/7=0.71.	0,71
					1. Lohan, NM , Suru, MG , Pricop, B , Bujoreanu, LG, Cooling rate effects on the structure and transformation behavior of Cu-Zn-Al shape memory alloys, International journal of minerals metallurgy and materials, Vol.: 21, Issue: 11, Pg.: 1109-1114, DOI: 10.1007/s12613-014-1015-5, 2014. (FI=0,94) Punctaj: 10/7=1,42.	1,42
					C.Nejneru, N. Cimpoeşu, S. Stanciu, P. Vizureanu, A.V. Sandu, Sea water corrosion of a shape memory alloy type CuZnAl, Metalurgia Internațional Editura Științifică F.M.R. vol. XIV, S.I. nr. 7, 2009, pg. 95-105.Innovation (ModTech 2010), pg. 15-18, 2010.	
					1. Staszuk Marcin; Nabialek Marcin, Computer Simulation of Static Tensile Test Using the Finite Elements Method, Materiale plastice, Vol. 54, Issue: 2, Pg. 225-228, 2017, (FI=0,77) Punctaj 10/5=2	2

					2. Sroka M., Nabialek M. Szota M., Zielinski A., The Influence of the Temperature and Ageing Time on the NiCr23Co12Mo Alloy Microstructure, Revista de chimie, Vol. 68, Issue: 4, Pg. 737-741, 2017, Punctaj 15/5=3	3
					3. Bernevig, Mihai, Simulation of casting and solidification processes of aluminum alloys for aeronautical applications, Met. Int., Vol. 17, 10, 88-91, 2012, Punctaj: 5/5=1	1
					4. Butnaciuc Dorel; Galusca Dan Gelu, Simulation of solidification of ac43a-astm faucets, Met. Int., Vol.: 15, 6, 9-14, 2010, Punctaj: 5/5=1	1
					5. Costan A, Cimpoesu R.H., Ionita I., Dima A., Forna N., Nica P., Agop M., Hydroxyapatite and PMMA Thin Films Synthesized by Pulsed Laser Deposition on Titanium Based Metallic Substrates, Materiale plastice, Vol. 48, Issue: 4 Pages: 299-302, 2011, Punctaj 10/5	2
					D. Achiței, D. G. Gălușcă, P. Vizureanu, R. Carabet Ștefănică, N. Cimpoesu, <i>Aspects regarding Thermo-Mechanical Fatigue of Shape memory Alloys</i> Metalurgia Internațional, SI nr. 3, 2009, pg. 45-48.	
					1. Calhoun, C.; Wheeler, R.; Baxevanis, T.; Lagoudas, DC., Actuation fatigue life prediction of shape memory alloys under the constant-stress loading condition, SCRIPTA MATERIALIA, 95, 58-61, 2015. (FI:3,74). Punctaj 20/5=4	4
					2. Bernevig, Mihai, Simulation of casting and solidification processes of aluminum alloys for aeronautical applications, Met. Int., Vol.: 17, Issue: 10, Pages: 88-91, 2012. Punctaj: 5/5=1	1
					3. Strugaru, Sorin Iacob; Grancea, Viorel, Corrosion behaviour and surface analysis of a co-based and two ni-based dental alloys in artificial saliva, Met. Int., Vol. 17, Issue: 5, Pg.: 55-59, 2012. Punctaj: 5/5=1	1

					4. Grosu, MC , Hossu, I , Avram, D , Agop, M , Experimental structural, physical and mechanical characteristics of the magnetisable composite yarns, Met. Int., Vol. 17, Issue: 1, Pg. 28-34, 2012. Punctaj: 5/5=1	1
					5. Grosu, MC , Hossu, I , Avram, D , Agop, M. , Experimental magnetic characteristics of the composite yarns, Met. Int., Vol.16, Issue: 12, Pg. 58-62, 2011. Punctaj: 5/5=1	1
					6. Irina, N , Anca, A , Constantin, B , Valeriu, R , Maricel, A , Characterization of some dental composite resins, Met. Int., Vol. 16, Issue: 2, Pages: 38-42, 2011. Punctaj: 5/5=1	1
					7. Jemna, Danut-Vasile; Asandului, Mircea, The impact of demographic ageing on the economic development in Romania, Met. Int., Volume: 15, Issue: 2 ,Pages: 61-66, 2010. Punctaj: 5/5=1	1
					8. Baci, Livia Loredana; Bunda, Nicoleta Ramona; Andreea, Iacobuta; Asandului, M, Motivation and performance in higher education systems. the case of romanian universities, Met. Int., 15, 2, 67-72, 2010. Punctaj: 5/5=1	1
					Vizureanu, P.; Cimpoesu, N. ; Radu, V.; Agop M., Investigations on thermal conductivity of carbon nanotubes reinforced composites , Experimental heat transfer ,Vol.: 28, Issue: 1, Pages: 37-57.; 2015	
					1. Metz, R, Diaz L., Aznar R., Alvarez, L.,Flaud V., Ananthakumar S., Bantignies J-L, Carbon nanotube-epoxy composites: The role of acid treatment in thermal and electrical conductivity, Experimental heat transfer, Vol.: 30, Issue: 1 Pages: 66-76, DOI: 10.1080/08916152.2016.1161675, 2017.(FI=1,5) Punctaj=15/4=3,75	3,75

					2. Minea, Alina Adriana, A study on Brinkman number variation on water based nanofluid heat transfer in partially heated tubes, Mechanics research communications, Vol. 73, Pg. 7-11, 2016 (FI=1,66) Punctaj=15/4=3,75	3,75
					3. Abbasi, S.; Zebarjad, S. M.; Baghban, S. H. N.; Comparison between Experimental and Theoretical Thermal Conductivity of Nanofluids Containing Multi-walled Carbon Nanotubes Decorated with TiO2 Nanoparticles, Experimental heat transfer Volume: 29 Issue: 6 Pg. 781-795, 2016., (FI=1,5) Punctaj=15/4=3,75	3,75
					4. Minea, Alina Adriana, Comparative study of turbulent heat transfer of nanofluids, Journal of thermal analysis and calorimetry Vol.: 124, Issue: 1, Pg. 407-416, 2016, (FI=1,95) Punctaj=15/4=3,75	3,75
					5. Huang, Shyh-Chour; Minh-Tai Le, Optimal design of process parameters, experimental fabrication and characterisation of a novel hybrid polymer nanocomposite, International journal of materials & product technology, Vol. 52, Issue: 3-4, Special Issue: SI Pages: 362-380, 2016, (FI=0,48) Punctaj: 5/4=1,25	1,25
					Burlea, Stefan Lucian; Leata, Razvan; Agop, Maricel; Nicanor Cimpoesu, Analyse of Ti-based Alloy for Medical Instruments after Chemical, Mechanical and Physical Processing, REVISTA DE CHIMIE, Vol.: 67, Issue: 2, Pages: 260-262, 2016.	
					1. Florea, CD , Carcea, I ,Cimpoesu, R , Toma, SL , Sandu, IG , Bejinariu, C , Experimental Analysis of Resistance to Electrocorosion of a High Chromium Cast Iron with Applications in the Vehicle Industry, Revista de chimie, Vol. 68 Issue: 10 Pages: 2397-2401, 2017, (FI=1,2) Punctaj=15/4=3,75	3,75

					2. Baltatu M.S., Vizureanu, P., Cimpoesu R. , Abdullah, MMA , Sandu A.V. The Corrosion Behavior of TiMoZrTa Alloys Used for Medical Applications, Revista de chimie, Vol. 67, Issue: 10, Pg.: 2100-2102, 2016.(FI=1,2) Punctaj=15/4=3,75	3,75
					Paraschiv, C , Stirbu, I , Cimpoesu, R , Bernevig, M , Nejneru, C , Manole, V , Cimpoesu, N , Zegan, G ,Preliminary results on hydroxyapatite growth on advanced Ti-base alloy using electrophoretic deposition process, OAM-RC, Vol.: 10, 1-2, Pg. 87-90, 2016.	
					1. Pascu, A , Stanciu, EM , Savastru, D , Geanta, V , Croitoru, C., Optical and microstructure characterisation of ceramic - hydroxyapatite coating fabricated by laser cladding, JOAM, Vol.: 19 Issue: 1-2 Pages: 66-72, 2017. Punctaj=5/8=0,625	0,625
					Cimpoesu, N , Trinca, LC , Dascalu, G , Stanciu, S , Gurlui, SO , Mareci, D , Electrochemical Characterization of a New Biodegradable FeMnSi Alloy Coated with Hydroxyapatite-Zirconia by PLD Technique, JOURNAL OF CHEMISTRY, Article Number: 9520972, DOI: 10.1155/2016/9520972, 2016.	
					1. Florea, CD , Carcea, I ,Cimpoesu, R , Toma, SL , Sandu, IG , Bejinariu, C , Experimental Analysis of Resistance to Electrocorosion of a High Chromium Cast Iron with Applications in the Vehicle Industry, Revista de chimie, Vol. 68, Issue: 10, Pg.: 2397-2401, 2017, (FI=1,2) Punctaj=15/6=2,5	2,5
					Tugui, CA , Nejneru, C , Galusca, DG , Perju, MC , Axinte, M , Cimpoesu, N , Vizureanu, P ,The influence of the Al deposition by MOC-CVD method on stainless steel thermal conductivity depending on the substrate roughness, Journal of optoelectronics and advanced materials, Vol. 17 , Issue: 11-12, Pg. 1855-1861, 2015.	
					1. Papadatu, CP , Sandu, AV , Bordei, M , Sandu, IG , Structural Changes in the Superficial Layers of a Non-conventional Treated Steel Subjected to a Wear Process, Revista de chimie, Vol., 68, Issue: 10, Pg. 2329-2333, 2017 Punctaj=15/7=2,14	2,14

					2. Achitei, DC , Minciuna, MM , Sandu, AV ,Abdullah, Behavior of Al-Mg Alloy Subjected To Thermal Processing, MMA ,Book Series: AIP Conference Proceedings, Vol. 1835, Article Number: UNSP 020051, DOI: 10.1063/1.4983791, 2017. Punctaj=5/7=0,71	0,71
					Forna, N , Cimpoesu, N , Scutariu, MM , Fornu, D , Study of the Electro-Corrosion Resistance of Titanium Alloys Used in Implantology Mocanu, C , 2011 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB), 2011.	
					1. Stirbu, I , Vizureanu, P , Cimpoesu, R , Lungu, M , Bernevig, M , Popa, RF , Chemical procedures for Ti-alloy based metallic surface modification, OAM-RC, Vol. 8, Issue: 3-4, Pg. 242-246, 2014 Punctaj=5/4=1,25	1,25
					2.Stirbu, I , Vizureanu, P , Ratoi, M , Cimpoesu, R , Obtaining Hydroxyapatite (HA) by Sol-Gel Method on Ti6Al4V Alloys Aiming the Implant's Surface Bio-Functionalization, 2013 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB), 2013 Punctaj=5/4=1,25	1,25
					Achitei, DC , Vizureanu, P , Dana, D , Cimpoesu, N ,Obtaining and termomechanical fatigue behaviour of the cu75.9zn16.8al7.11 alloy, Met. Int., Vol. 18 Pages: 104-109 Special Issue: 2, 2013	
					1. Florea, CD , Carcea, I , Cimpoesu, R ,Toma, SL , Sandu, IG , Bejinariu, C , Experimental Analysis of Resistance to Electrocorosion of a High Chromium Cast Iron with Applications in the Vehicle Industry, Revista de chimie, Vol 68, Issue: 10 Pages: 2397-2401, 2017, (FI=1,2) Punctaj=15/4=3,75	3,75
					2. Study on the Influence of the Treatment in Magnetic Field on the Nitrided Layer in Plasma Papadatu, CP ,Sandu, AV , Bordei, M , Sandu, IG , Revista de chimie, Vol. 68 , Issue: 4 , Pages: 675-679, 2017, (FI=0,77) Punctaj=15/4=3,75	3,75

						Stirbu, I , Vizureanu, P , Cimpoesu, R , Dascalu, G , Gurlui, SO , Bernevig, M , Benchea, M , Cimpoesu, N ,Postolachee, P , Advanced metallic materials response at laser excitation for medical applications, JOAM, Volume: 17 Issue: 7-8 Pages: 1179-1185, 2015	
						1. Cioca, G ,Bacaita, ES , Agop, M , Ursulescu, CL , Anisotropy Influences on the Drug Delivery Mechanisms by Means of Joint Invariant Functions, Computational and mathematical methods in medicine, Article Number: 5748273, DOI: 10.1155/2017/5748273, 2017. (FI=0,95) Punctaj=10/9=1,11	1,11
						Influence of hydrogen peroxide on the corrosion of thermally oxidized ZrTi alloys in phosphate-buffered saline solution, Trinca, LC , Mareci, D , Cimpoesu, N , Calin, M , Stan, T , Materials and corrosion-werkstoffe und korrosion, Vol.: 67, Issue: 10, Pg.: 1088-1095, DOI: 10.1002/maco.201508785, 2016.	
						Zhang, Y , Addison, O , Gostin, PF , Morrell, A , Cook, AJMC , Liens, A , Wu, J , Ignatyev, K , Stoica, M , Davenport, A , In-Situ Synchrotron X-ray Characterization of Corrosion Products in Zr Artificial Pits in Simulated Physiological Solutions, Journal of the electrochemical society, Vol.: 164, Issue: 14, Pages: C1003-C1012,DOI: 10.1149/2.0671714jes, 2018 (FI=3,25) Punctaj=20/5=4	4
		3.2 Prezentări invitate în plenul unor manifestări științifice internaționale sau naționale				Prezentare orală în cadrul conferinței internațional "Ortho posturo gnosis – the knowledge to influenceand control the diseases", section "Motivation exercise and feedback –virtual reality and robotics in physical medicine and rehabilitation" anevent organized by Medical and Pharmaceutical University"Gr. T. Popa", Iasi and Clinical Hospital CF Iasi,that will take place between 23th-24th of March 2017. Punctaj=8	8
		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 indexate ISI					
						1. Materials and Design (recenzor)	5
						2. Microscopy (recenzor)	5
						3. Materials Technology (recenzor)	5
						4. Advance Materials Research (recenzor)	3
						5. Applied Mechanics and Materials (recenzor)	3
						6. Engineering Science and Technology: an International Journal (recenzor)	3
						7. International Conference on Materials Science and Engineering (CMSE 2016)	3
						8. European Journal of Materials Science and Engineering (recenzor)	2
						9. European Journal of Materials Science and Engineering (membru)	3
						1. Charmain, Advanced Materials Technologies, Innovative Manufacturing Engineering International Conference-2013, Iasi, Romani	12
						2. Chairmain, 49 th International October Conference on Mining and Metallurgy, IOC 2017, Bor, Serbia	12
						3. Charmain, ICIR 2017, International Conference on Innovative Research, Iasi, Romania	12
						4. Charmain, ICIR 2018, International Conference on	12

						Innovative Research, Iasi, Romania	
		3.4	<i>Expert evaluare proiecte de cercetare</i>		3.4.1	The project No. and Title: 18-03834S Localization phenomena in shape memory alloys: experiments & modeling, Czech Science Foundation	10
	Criterii opționale						
		3.5 Premii		3.5.2. ASAS, AOSR, acad de ramură și CNCSIS	15	Premierea rezultatelor cercetării	
					3.5.4	Premii Nationale in domenii	
						1. Medalia de Argint în cadrul EuroInvent 2013, Iasi Brevet de inventii cu titlul Aliaj cu memoria formei Cu-Zn-Al-Ni si procedeu de obtinere , S. Stanciu, L.G. Bujoreanu, N. Cimpoesu , numar de inregistrare 4740/4.09.2009 .	5
						Medalia de Aur la Expoziția Internațională Specializată INFOINVENT 22-25 noiembrie Chișinău, Republica Moldova Brevet de inventii cu titlul Aparat de recuperare și întreținere musculară , Nicu Ion Puiu, Mihai Dumitru, Iacoban Sorin Avram, Nicanor Cimpoesu și Vrabie Vlad, numar de inregistrare A/01211 din 24.11.2011 Osim.	5
		3.6 Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	3.6.4 Asociații profesionale	3.6.4.1 internaționale	5		
						1.Membru al European Microscopy Society	5

				3.6.4.2 naționale	3		
						1. Membru al Asociației tehnice de turnătorie din Romania,	2
						2. Membru al Societății de microscopie electronică din România,	2

Punctaj total

Nr. Crt.	<i>Domeniul de activitate</i>	Condiții profesor	Realizat candidat, puncte
1	Activitatea didactică și profesională (A1)	Minim 60 de puncte	153,03
2	Activitatea de cercetare (A2)	Minim 320 de puncte	853,89
3	Recunoașterea și impactul activității (A3)	Minim 120 de puncte	442,03
	Total	500 de puncte	1448,95

Data:

Candidat, ,

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