UNIVERSITATEA “DUNĂREA DE JOS” DIN GALAŢI

Fișa de verificare a îndeplinirii standardelor minimale CNATDCU

MIHAELA BUCIUMEANU

Galaţi, 2015

Criteriul 1. Activitate de cercetare ştiinţifică, dezvoltare tehnologică şi inovare - CDI

Nr. Crt.	Articol/Citare	Factor de impact articol ($FI_{articol}$)	Factor de impact citare (FI_{citare})	Punctaj/articol
A1	**M. Buciumeanu**, L. Palaghian, A. S. Miranda, F. S. Silva, Fatigue life predictions including the Bauschinger effect, International Journal of Fatigue 33 (2011) 145-152, doi:10.1016/j.ijfatigue.2010.07.012. http://www.sciencedirect.com/science/article/pii/S0142112310001660	**1,694**		A1=**1,694**+(*1,694+2,185+2,409+1,730+0,675+2,409+0,284+2,151+0,407+2,225)* **A1=17,863 puncte**
C1.1	*J.A. Wollmershauser, B. Clausen, S.R. Agnew, A slip system-based kinematic hardening model application to in situ neutron diffraction of cyclic deformation of austenitic stainless steel, doi:10.1016/j.ijfatigu, International Journal of Fatigue. http://www.sciencedirect.com/science/article/pii/S0142112311001915*		*1,694*	
C1.2	*D. Zhu, H. Zhang, and D. Y. Li, Molecular dynamics simulation of Bauschinger's effect in deformed copper single crystal in different strain ranges, J. Appl. Phys. 110, 124911 (2011); doi: 10.1063/1.3672414. http://jap.aip.org/resource/1/japiau/v110/i12/p124911_s1?isAuthorized=no*		*2,185*	
C1.3	*C.J. Geng, B.L. Wu,X.H. Du, Y.D. Wang, Y.D. Zhang, F. Wagner, C. Esling, Low cycle fatigue behavior of the textured AZ31B magnesium alloy under the asymmetrical loading, Materials Science and Engineering: A 560, (2013), 618–626. http://www.sciencedirect.com/science/article/pii/S0921509312014396*		*2,409*	
C1.4	*D. Zhu, H. Zhang, D. Y. Li, Influence of Nanotwin Boundary on the Bauschinger's Effect in Cu: A Molecular Dynamics Simulation Study, Metallurgical and Materials Transactions A September 2013, Volume 44, Issue 9, pp 4207-4217. http://link.springer.com/article/10.1007/s11661-013-1752-5*		*1,730*	
C1.5	*C. Geng, X. Du, B. Wu, Y. Wang, Y. Zhang, C. Esling (2013). Low cycle fatigue behavior under asymmetric loading of two AZ31B magnesium alloys*		*0,675*	

	with different microstructures and textures. International Journal of Materials Research: Vol. 104, No. 10, pp. 966-973 http://www.hanser-elibrary.com/doi/abs/10.3139/146.110952			
C1.6	*Duan, G.S., Wu, B.L., Du, X.H., Zhao, X., Zhang, Y.D., Zuo, L., Esling, C.,The cyclic frequency sensitivity of low cycle fatigue (LCF) behavior of the AZ31B magnesium alloy Materials Science and Engineering: A, volume 603, issue , year 2014, pp. 11 – 22. http://www.sciencedirect.com/science/article/pii/S0921509314002275*		*2,409*	
C1.7	Chang, L.-Z., Pan, Y.-T., Li, K.-W., Ma, X.-M., Residual stress analysis of gun barrel with bi-linear material model, Binggong Xuebao/Acta Armamentarii 34 (4) , pp. 385-391, 2013.		*0,284**	
C1.8	Harea, E., Lapsker, I., Laikhtman, A., Rapoport, L., Bauschinger's effect and dislocation structure under friction of LiF single crystals, *Tribology Letters* 52 (2) , pp. 205-212, 2013. http://www.springerprofessional.de/bauschingers-effect-and-dislocation-structure-under-friction-of-lif-single-crystals/4762166.html		*2,151*	
C1.9	Tamaki, H., Kitazawa, R., Yoshida, M., Horibe, S., Influence of compressive pre-strain on tensile fatigue life in carbon steel S45C, 2013 Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals. https://www.jstage.jst.go.jp/article/jinstmet/77/11/77_J2013024/_article		*0,407*	
C1.10	*KS Zhang, JW Ju, Z Li, YL Bai, W Brocks, Micromechanics based fatigue life prediction of a polycrystalline metal applying crystal plasticity, Mechanics of Materials, Volume 85, June 2015, Pages 16–37. http://www.sciencedirect.com/science/article/pii/S0167663615000277*		*2,225*	
A2	C. Gheorghies, L. Palaghian, S. Baicean, **M. Buciumeanu**, S. Ciorta, Fatigue Behaviour of Naval Steel Under Seawater Environmental and Variable Loading Conditions, Journal of Iron and Steel Research International 18 (2011) 64-69. http://www.sciencedirect.com/science/article/pii/S1006706X11600678	**0,357**		**A2=0,357puncte**
A3	**M. Buciumeanu**, I. Crudu, L. Palaghian, A. S. Miranda, F. S. Silva, Influence of an additional elastic stress on dry wear behaviour in reciprocating tests,	**2,124**		**A3=2,124+***0,284*

	Tribology International 42 (2009) 1101-1107, doi:10.1016/j.triboint.2009.03.014. http://www.sciencedirect.com/science/article/pii/S0301679X09000541			**A3= 2.408 puncte**
C3.1	*Cai, B., Tan, Y.-F., Tang, J., Tan, H., Wang, W.-G., Research on friction and wear properties of CaF2/TiC/Ni-base alloy composite coatings at different temperatures, Binggong Xuebao/Acta Armamentarii, 35 (6) 900-907, 2014.*		*0,284**	
A4	**M. Buciumeanu**, I. Crudu, L. Palaghian, A. S. Miranda, F. S. Silva, Influence of wear damage on the fretting fatigue life prediction of an Al7175 alloy, International Journal of Fatigue 31 (2009) 1278–1285, 10.1016/j.ijfatigue.2009.02.032. http://www.sciencedirect.com/science/article/pii/S0142112309000784	**1,694**		A4=**1,694**+(3,219+1,750+1,694+0,572+ 0,358+0,144+0,134)
C4.1	*N.A. Kadhim, S. Abdullah, A.K. Ariffin, Effect of the fatigue data editing technique associated with finite element analysis on the component fatigue design period, Materials & Design 32 (2011), 1020-1030. http://www.sciencedirect.com/science/article/pii/S0261306910004644*		*3,219*	**A4=9.565 puncte**
C4.2	*N. Borms, D. De Schamphelaere, J. De Pauw, P. De Baets, W. De Waele, Conceptual design of a fretting fatigue testing device, Sustainable Construction and Design 2 (2011), 370-377. www.scad.ugent.be/.../scad_2011_2_3_370.pdf*		*1,750*	
C4.3	*N.A. Kadhim, S. Abdullah, A.K. Ariffin, Effective strain damage model associated with finite element modelling and experimental validation, International Journal of Fatigue 36 (2012) 194–205. http://www.sciencedirect.com/science/article/pii/S0142112311001952*		*1,694*	
C4.4	*LIU Qiang, FANG Jian-cheng, Repeated clamping locking device for magnetic bearing flywheel, Optics and Precision Engineering 8, (2012) 1802-1810, **ISSN**: 1004-924X **CN**:22-1198/TH. http://www.eope.net/CN/abstract/abstract14308.shtml*		*0,572**	
C4.5	*Liu, Q., Fang, J., Han, B., Vibration test and analysis of novel locking device for magnetic bearing flywheel, Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis 32 (6) , pp. 926-930, 2012.*		*0,358**	
C4.6	*Liu, D., Jiang, X.S., Sun, P.Q., Shen, Y., Influence of frequency on fretting*		*0,144**	

	fatigue damage behavior of Al-Zn-Mg alloy, Advanced Materials Research 813 , pp. 407-412, 2013.			
C4.7	*Maslan, M.H., Sheikh, M.A., Arun, S., Prediction of fatigue crack initiation in complete contact fretting fatigue, Applied Mechanics and Materials, Volume 467, 2014, Pages 431-437.*		*0,134**	
A5	**M. Buciumeanu**, A.S. Miranda, A.C.M. Pinho, F.S. Silva, Design improvement of an automotive-formed suspension component subjected to fretting fatigue, Engineering Failure Analysis 14 (2007) 810-821, 10.1016/j.engfailanal.2006.11.023. http://www.sciencedirect.com/science/article/pii/S1350630706001555	**1,130**		A5=**1,130**+*(2,409+3,171+1,008+2.409+ 2.048)* **A5=12,175 puncte**
C5.1	*A. Benhamena, A. Talha, N. Benseddiq, A. Amrouche, G. Mesmacque, M. Benguediab, Effect of clamping force on fretting fatigue behaviour of bolted assemblies: Case of couple steel–aluminium, Materials Science and Engineering: A, 52 (2010) 6413-6421. http://www.sciencedirect.com/science/article/pii/S0921509310007136*		*2,409*	
C5.2	*N. Kaya, İ. Karen, F. Öztürk, Re-design of a failed clutch fork using topology and shape optimisation by the response surface method, Materials & Design 31 (2010) 3008-3014. http://www.sciencedirect.com/science/article/pii/S0261306910000166*		*3,171*	
C5.3	*A Strozzi, A Baldini, M Giacopini, E Bertocchi, L Bertocchi, Normalization of the stress concentrations at the rounded edges of a shaft–hub interference fit, The Journal of Strain Analysis for Engineering Design 46 (2011) 478-491, DOI: 10.1177/0309324711403845. http://sdj.sagepub.com/content/early/2011/06/23/0309324711403845*		*1,008*	
C5.4	*Dourado, M., Soares, D., Barbosa, J., Marques Pinho, A., Meireles, J., Branco, P., Ribeiro, C., Rei, C., A comparative study of fatigue behaviour of MAG and laser welded components using reliability analysis, Materials Science and Engineering: A volume 606, issue , year 2014, pp. 31 – 39.*		*2,409*	
C5.5	J Fang, Y Gao, G Sun, C Xu, Q Li, Multiobjective robust design optimization of fatigue life for a truck cab, Reliability Engineering & System Safety, Volume 135, March 2015, Pages 1–8.		*2,048*	

A6	**M. Buciumeanu**, A. S. Miranda, F. S. Silva, Influence of Wear Properties on Fretting Fatigue Life of a CK45 Alloy and the Al7175 Alloy, Material Science Forum Vols. 587-588 (2008) 971-975. http://www.scientific.net/MSF.587-588.971	**0,251***		A6=**0,251**+*0,412* **A6=0,663 puncte**
C6.1	*J.O. Agunsoye, A.A. Ayeni, Effect of Heat Treatment on the Abrasive Wear Behavior of High Chromium Iron under Dry Sliding Condition, Tribology in Industry, Vol. 34, N 82 2 (2012) 82-9.* www.tribology.fink.rs/journals/2012/...2/5.pdf		*0,412**	
A7	**M. Buciumeanu**, A. S. Miranda, F. S. Silva, Evolution of relevant parameters on fretting fatigue tests, Key Engineering Materials Vols. 385-387 (2008) 565-568. http://www.scientific.net/KEM.385-387.565	**0,194***		**A7=0,194 puncte**
A8	V. Mereuta, **M. Buciumeanu**, L. Palaghian, 3D Roughness Parameters as Factors in Determining the Evolution of Effective Stress Concentration Factors in Fatigue Processes, Applied Mechanics and Materials Vol. 248 (2013) pp 504-510. http://www.scientific.net/AMM.248.504	**0,134***		**A8=0,134 +** *1,764* **A8= 1.898 puncte**
C8.1	*Yang, D., Liu, Z., Surface topography analysis and cutting parameters optimization for peripheral milling titanium alloy Ti-6Al-4V, International Journal of Refractory Metals and Hard Materials, 51, 1 July 2015, Pages 192-200.*		*1,764*	
A9	Z. Doni, A.C. Alves, F. Toptan, J.R. Gomes, A. Ramalho, **M. Buciumeanu**, L. Palaghian, F.S. Silva, Dry sliding and tribocorrosion behaviour of hot pressed CoCrMo biomedical alloy as compared with the cast CoCrMo and Ti6Al4V alloys, Materials & Design, Volume 52, December 2013, Pages 47-57. http://www.sciencedirect.com/science/article/pii/S0261306913004639	**3,171**		**A9=3,171+(***3,219+2,086+1,862+2,124+ 1,208+2,538+2,354***)** **A9=18,562 puncte**
C9.1	*Ganesh, B.K.C., Sha, W., Ramanaiah, N., Krishnaiah, A., Effect of shotpeening on sliding wear and tensile behavior of titanium implant alloys Materials & Design, volume 56, issue , year 2014, pp. 480 – 486.*		*3,219*	
C9.2	*N Oláh, Z Fogarassy, M Furkó, C Balázsi et al., Sputtered Nanocrystalline ceramic TiC/amorphous C thin films as potential materials for medical*		*2,086*	

	applications, Ceramics International, Volume 41, Issue 4, May 2015, Pages 5863–5871.			
C9.3	*Y Chen, Y Li, S Kurosu, K Yamanaka, N Tang, A Chiba, Effects of microstructures on the sliding behavior of hot-pressed CoCrMo alloys, Wear, Volume 319, Issues 1–2, 15 November 2014, Pages 200–210.*		*1,862*	
C9.4	*AM Ribeiro, AC Alves, LA Rocha, FS Silva, F. Toptan, Synergism between corrosion and wear on CoCrMo− Al 2 O 3 biocomposites in a physiological solution, Tribology International, Available online 28 January 2015.*		*2,124*	
C9.5	*AM Ribeiro, AC Alves, FS Silva, F. Toptan, Electrochemical characterization of hot pressed CoCrMo–HAP biocomposite in a physiological solution, Materials and Corrosion, 2014, DOI: 10.1002/maco.201407885.*		*1,208*	
C9.6	*Oliveira, F.G., Ribeiro, A.R., Perez, G., Archanjo, B.S., Gouvea, C.P., Araújo, J.R.,Campos, A.P.C., Kuznetsov, A., Almeida, C.M., Maru, M.M., Achete, C.A., Ponthiaux, P., Celis, J.-P., Rocha, L.A., Understanding growth mechanisms and tribocorrosion behaviour of porous TiO_2 anodic films containing calcium, phosphorous and magnesium, Applied Surface Science, 341, 30 June 2015, Pages 1-12.*		*2,538*	
C9.7	*A Dobrowolska, P Kowalewski, A Ptak, Influence of the lubricating fluid on the changes on rubbing metallic biomaterials surface, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Available online 15 December 2014.*		*2,354*	
A10	Z. Doni, **M. Buciumeanu**, L. Palaghian, Surface Integrity of Ti6Al4V Alloy under Dry Sliding Conditions, Applied Mechanics and Materials Vol. 371 (2013) pp 126-130.	**0,134***		**A10=0,134 puncte**
A11	Z. Doni, A.C. Alves, F. Toptan, A.M. Pinto, L.A. Rocha, **M. Buciumeanu**, L. Palaghian, F.S. Silva, Tribocorrosion behaviour of hot pressed CoCrMo−Al2O3 composites for biomedical applications, Tribology – Materials, Surfaces & Interfaces 8 (4), 201-208. http://dx.doi.org/10.1179/1751584X14Y.0000000078 http://www.maneyonline.com/doi/abs/10.1179/1751584X14Y.0000000078	**0.256***		**A11=0.256+***2,124* **A11=2,380 puncte**
C11.1	*AM Ribeiro, AC Alves, LA Rocha, FS Silva, F. Toptan, Synergism between*		*2,124*	

	corrosion and wear on CoCrMo− Al 2 O 3 biocomposites in a physiological solution, Tribology International, Available online 28 January 2015.			
A12	G Miranda, **M Buciumeanu**, O Carvalho, D Soares, FS Silva, Interface analysis and wear behavior of Ni particulate reinforced aluminum–silicon composites produced by PM, Composites Part B: Engineering 69, 101-110,2015,	**2.602**		**A12=2.602+***2.602* **A12=5,204 puncte**
C14.1	*HB Li, X Wang, Effect of interface diffusion on the strain and stress stability of particulate reinforced electrostrictive materials, Composites Part B: Engineering, Volume 75, 15 June 2015, Pages 319–326.*		*2.602*	
A13	**M Buciumeanu**, AS Miranda, FS Silva, Effect of relative displacement and normal contact load on fretting fatigue behaviour of ti6al4v alloy, Ciência & Tecnologia dos Materiais 20 (1-2), 92-98	**0.1**		**A13=0.1 puncte**
A14	**M Buciumeanu**, AS Miranda, FS Silva, Wear behaviour of the Al7175 alloy under different bulk stress states, The Annals of University "Dunarea de Jos" of Galati, Fascicole VIII	**0.1**		**A14=0.1 puncte**
A15	G Miranda, **M Buciumeanu**, S Madeira, O Carvalho, D Soares, FS Silva, Hybrid composites–metallic and ceramic reinforcements influence on mechanical and wear behavior, Composites Part B: Engineering, Volume 74, 1 June 2015, Pages 153–165.	**2.602**		**A15=2.602 puncte**
A16	O Carvalho, **M Buciumeanu**, D Soares, J Gomes, FS Silva, Improvement on sliding wear behaviour of Al/cast iron tribopair by CNT's reinforcement of an Al alloy, Tribology Transactions 58, 2015, 643-653, **DOI:** 10.1080/10402004.2014.1002143.	**1.081**		**A16=1.081 puncte**
A17	Z Doni, **M Buciumeanu**, L Palaghian, A Simplified Method for Wear Loss Prediction in Corrosive Environment, Applied Mechanics and Materials 436, 121-126, 2014.	**0,134***		**A17=0,134 puncte**
A18	Z Doni, **M Buciumeanu**, L Palaghian, Topographic and electrochemical Ti6Al4V alloy surface characterization in dry and wet reciprocating sliding, Tribology in Industry 35 (3), 217-224, 2013.	**0,412***		**A18=0,412 puncte**
A19	Daniela S. Rodrigues, Mihaela Buciumeanu, Bruno Henriques,	**0,12***		**A19=0,12 puncte**

	Julio C. M. Souza, Filipe S. Silva, Análise da porosidade, resistência mecânica e desgaste de materiais restauradores diretos, Revista Portuguesa de Estomatologia, Medicina Dentária e Cirurgia Maxilofacial 10/2014; 55. DOI: 10.1016/j.rpemd.2014.11.127.			
A20	O. Carvalho, M. Buciumeanu, S. Madeira, D. Soares, F.S. Silva, G. Miranda, Optimization of AlSi-CNTs functionally graded material composites for engine piston rings, Materials and Design 80 (2015) 163-173.	**3,171**		**A19=3,171 puncte**
A21	O. Carvalho, M. Buciumeanu, S. Madeira, D. Soares, F.S. Silva, G. Miranda, Dry sliding wear behavious of AlSi-CNTs-SiCp hybrid composites, Tribology International 90 (2015) 148-156.	**2,124**		**A23=2,124 puncte**
A22	O. Carvalho, M. Buciumeanu, D. Soares, F.S. Silva, G. Miranda, Evaluation of CNT Dispersion Methodology Effect on Mecanical Properties of na AlSi Composite, Journal of Materials and Performance 26 (6) (2015) 2015-2535.	**0,981**		**A22=0,981 puncte**
A23	Z. Doni, A.C. Alves, F. Toptan, L.A. Rocha, M. Buciumeanu, L. Palaghian, F.S. Silva, Triboorrosion behaviour of hot pressed CoCrMo-HAP biocomposites, Tribology International (2015), DOI: doi:10.1016/j.triboint.2015.04.009.	**2,124**		**A23=2,124 puncte**
Punctaj total criteriul CDI				$\mathbf{CDI = \sum_{i=1}^{18} A_i = 84,402}$ **puncte**

*pentru aceste articole a fost folosit factorul Cites per Doc. (2y) care este calculat cu aceeaşi relaţie cu care este calculat factorul de impact al unei reviste ™ (Thomson Reuters). Vezi pagina: http://www.scimagojr.com/journalsearch.php?q=4700151914&tip=sid&clean=0

Criteriul 2. Activitate didactică – DID

Nr. Crt.	Carte	Pagini	Punctaj/carte
1	D. Panţuru, V. Palade, N. Diaconu, I.G. Bîrsan, **M. Buciumeanu**, S. Dorin, Reologia curgerii vâscoase, Vol. 2, Editura "Evrika" Braila, 2004, **246 pages**, ISBN 973-641-050-1.	41	0,82

2	C. Spânu, **M. Buciumeanu**, D. Panţuru, Variatoare de turaţie cu curele late, Editura Fundaţiei Universitare "Dunărea de jos" Galaţi, 2004, **103 pages**, ISBN 973-627-131-5.	35	0,70
3	N. Diaconu, V. Palade, **M. Buciumeanu**, I.G. Bîrsan, D. Panţuru, S. Dorin, Bazele reologiei, Vol. 1. Editura "Evrika" Braila, 2003, **225 pages**, ISBN 973-641-049-8.	36	0,72
4	C. Banu, D. Bordei, D. Panţuru, I.G. Bîrsan, I. Vintila, S. Rubtov, R. Burluc, S. Dorin, N. Stanciu, A. Enisei, **M. Buciumeanu**, A. Chilat, Dictionar explicativ pentru stiinte exacte, Român / Englez / Francez / Rus, Editura Academiei Române (Romanian Academy Publishing House), Bucuresti, 2003. (**186 pag**)	15	0,3
5	L. Tomascu, D. Panţuru, **M. Buciumeanu**, Elemente de inginerie mecanică. Îndrumar de proiectare, Editura Fundaţiei Universitare "Dunărea de jos" Galaţi, 2002, **141 pages**, ISBN 973-8352-46-0	47	0,94
6	D. Panţuru, V. Palade, **M. Buciumeanu**, I. Mircea, Elemente de inginerie mecanica, vol.I, Editura Fundatiei Universitare "Dunarea de Jos" Galati, 2002, **184 pages**, ISBN 973-8352-63-0.	46	0,92
7	**M. Buciumeanu**, Note de curs Organe de masini navale, 2012 (format electronic) (**132 pag**)	132	2.64
8	**M. Buciumeanu**, Aplicaţie: Reductor de turatie, 2012 (format electronic) (**49 pag**)	49	0,98
9	**M. Buciumeanu,** Echipamente de process (Proiect – Centrifuga de filtrare) (format electronic), 2010 (**23 pag**).	23	0,46
10	**M. Buciumeanu**, Prediction of fretting fatigue life, LAP Lambert Academic Publishing, 2012, **248 pages**, ISBN-10: 3838388798, ISBN-13: 978-3838388793. http://www.amazon.ca/Prediction-Fretting-Fatigue-Buciumeanu-Mihaela/dp/3838388798	248	4,96
11	C. Banu şi colectiv, Dicţionar explicativ pentru ştiinţă şi tehnologie - Industrie alimentară, Român/Englez/Francez/Rus, Editura AGIR (ISBN 973-720-079-2), Bucuresti, 2006 (**1114 pag)**	15	0,3
Punctaj total criteriul DID			**DID=13,740 puncte**

Criteriul 3. Recunoaştere şi impactul activităţii - RIA

Nr. Crt.	Proiecte	Valoare	Punctaj
1	Grand de cercetare doctorala acordat de Fundaţia pentru ştiinţă şi tehnologie (Fundaçao para a Ciencia e a Tecnologia), Lisabona, Portugalia. Numărul de referinţă: SFRH/BD/19555/2004 (4 ani, 48840 €) (international)	48840 €	4,884
2	Membru în contractul de cercetare "Mechanical, wear and fatigue properties of sintered Nanotube-based functionally graded materials", finanţat de Fundaţia pentru	70000 €	1,750

	ştiinţă şi tehnologie (Fundaçao para a Ciencia e a Tecnologia), Lisabona, Portugal. Direct proiect: Prof. Dr. Ing. Filipe Samuel Correia Pereira da Silva, Numar de referinta: PTDC/EME-PME/68664/2006 (Funding: € 70,000.00) (international) http://www.fct.pt/apoios/projectos/consulta/vglobal_projecto?idProjecto=68664&idElemConcurso=877		
3	PostDoc Researcher în contractul de cercetare „Multi-material laser sintering for the production of Functional Graded Structures", finanţat de Fundaţia pentru ştiinţă şi tehnologie (Fundaçao para a Ciencia e a Tecnologia), Lisabona, Portugal. Direct proiect: Prof. Dr. Ing. Filipe Samuel Correia Pereira da Silva, Numar de referinta: (Funding: € 453,999) (international).	453,999 €	11.34
4	Membru în contractul Numar contract: Cod CNCSIS 448: Proiect tip A "Sinteza, analiza si prelucrarea unor noi angrenaje nestandardizate din nanocompozite polimerice" Prof.dr.ing. Andrei Laura (responsible contract), 109 mil, 2004, beneficiar CNCSIS.	109000	0,545
5	Membru în contractul: Proiect CNCSIS tip A COD 514 / tema 1/ 2006, Dezvoltarea unei noi clase de compozite polimerice nanostructurate usoare cu proprietati electrice si magnetice pentru aplicatii aero-spatiale. Director Prof.dr.ing. Gabriel ANDREI, 77965 RON, 2006.	77965	0,389
Punctaj total criteriul RIA			**18,918 puncte**

Tabel centralizator

Crit.	**Profesor universitar**	**Puncte**
CDI	Minim 10 puncte (din care minim 3 puncte din CDI-ART)	**CDI=84,402 (100%** realizat din **CDI-ART)**
DID	Minim 10 puncte (din care minim 3 puncte din DID-MSC)	**DID=13,740 (100%** realizat din **DID-MSC)**
RIA	Minim 10 puncte	**RIA=18,918 (100%** realizat din **RIA-GRA)**