UNIVERSITATEA “DUNĂREA DE JOS” DIN GALAŢI

Fișa de verificare a îndeplinirii standardelor minimale CNATDCU

ADRIAN CÎRCIUMARU

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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
A(ISI)1	Bodor, M., Graur, I., Bria, V., Cantaragiu, A., **Circiumaru, A.,** Obtaining and analysis of different powders to be used as modifying agents in formation of polymers with special properties, Materiale Plastice, 53 (3), pp. 495-500, 2016. http://www.revmaterialeplastice.ro/pdf/BODOR%20M%203%2016.pdf WOS:000384870300033	**0.903**		A1= 0,903+0,1 **A1=1,003 puncte**
A(ISI)2	Muntenita, C., Bria, V., Eni, C., **Circiumaru, A**., Graur, I., Physical characterization of nano-ferrites modified epoxy resins, Materiale Plastice,53 (3), pp. 509-511, 2016. http://www.revmaterialeplastice.ro/pdf/MUNTENITA%20C%203%2016.pdf WOS:000384870300036	**0.903**		A2=0,903+0,1 **A2=1,003 puncte**
A(ISI)3	Enache, M., Eni, C., Bodor, M., Graur, I , Ungureanu, C ,Patrascu, L., **Circiumaru, A**., Nano-sized ceramic powders with n- Type semiconducting properties obtaining and analysis, Revista de Chimie, 67 (6), pp. 1110-1113, 2016. http://www.revistadechimie.ro/pdf/ENACHI%20M%206%2016.pdf WOS:000385510300016	**0.956**		A3= 0,956+0,1 **A3=1,056 puncte**
A(ISI)4	Graur, I., Bosoanca, I., Bosoanca, R., Bodor, M., **Circiumaru, A.,** Thermal analysis of ionic substances doped epoxy, Revista de Chimie, 66 (11), pp. 1759-1762, 2015. http://www.revistadechimie.ro/pdf/GRAUR%20I.pdf%2011%2015.pdf WOS:000368213500009	**0.956**		A4=0,956+0,53+0,1 **A4=1,586 puncte**
*C**(ISI)**4.1*	Rus, T., Caramitu, A., Mitrea, S., Lingvay, I., Comparative study about the thermal stability and UV resistance of some paint layers for electro-energetic equipment, Proceedings of International Conference DEMISEE 2016: Diagnostic of Electrical Machines and Insulating Systems in Electrical Engineering 7530466, pp. 60-65, 2016. http://ieeexplore.ieee.org/document/7530466/?reload=true WOS:000383221400014		0,53	
A(ISI)5	Stefanescu, V., Bunea, M., **Circiumaru, A.**, Impact analysis of fabric reinforced plates, Materiale Plastice, 52 (2), pp. 198-203, 2015. http://www.revmaterialeplastice.ro/pdf/STEFANESCU%20V.pdf%202%2015.pdf WOS:000357767900015	**0.903**		A5=0,903+0,1 **A5=1,003 puncte**

A(ISI)6	Matei, M.N., Graur, I., Ciortan, S., Rusu, L.C., **Circiumaru, A**., An analysis of incisive-bracket bond resistance in orthodontics. III, Materiale Plastice, 52 (2), pp. 154-158, 2015. http://www.revmaterialeplastice.ro/pdf/MATEI%20MADALINA.pdf%202%2015.pdf WOS:000357767900005	**0.903**		A6=0,903+0,1 **A6=1,003 puncte**
A(ISI)7	Bunea, M., Bosoanca, I., Bosoanca, R., Bodor, M., **Circiumaru, A**., Bending and compressive properties of fabric reinforced composites, Materiale Plastice, 52 (3), pp. 368-372, 2015. http://www.revmaterialeplastice.ro/pdf/BUNEA%20M.pdf%203%2015.pdf WOS:000362382300021	**0.903**		A7=0,903 + 0,903+0,1 **A7=1,906 puncte**
*C**(ISI)**7.1*	Bejan, L., Axinte, A., Taranu, N., Influence of the geometric parameters on the elastic properties of textile polymeric composites, Materiale Plastice, 53 (2), pp. 264-268, 2016. *http://www.revmaterialeplastice.ro/pdf/BEJAN%20L%202%2016.pdf* *WOS:000380629300017*		0.903	
A(ISI)8	Matei, M., Ciortan, S., **Circiumaru, A**. An analysis of incisive-bracket bond resistance in orthodontics: II. Operating in moderate aggressive media, Materiale Plastice, 51 (3), pp. 313-316, 2014. http://www.revmaterialeplastice.ro/pdf/MATEI%20MADALINA.pdf%203%2014.pdf WOS:000344723900020	**0.903**		A8=0,903+0,1 **A8=1,003 puncte**
A(ISI)9	Matei, M., Ciortan, S., **Circiumaru, A**, An analysis of incisive-bracket bond resistance in orthodontics. I. General approach, Materiale Plastice, *51 (3), pp. 267-270, 2014*. *http://www.revmaterialeplastice.ro/pdf/MATEI%20MADALINA.pdf%203%2014.pdf* WOS:000344723900009	**0.903**		A9=0.903+*0,956+0,1* **A9=1,959 puncte**
C(ISI)9.1	Dragan, E., Odri, G.A., Benchea, M., Ferariu, D , Eloae, FZ, Geletu, G, Galesanu, C , Haba, D., Melian, G., Strontium ranelate effects on inorganic bone grafts in maxillary sinus floor augmentation, Revista de Chimie, 67 (3), pp. 512-516, 2016. http://www.revistadechimie.ro/pdf/DRAGAN%20E%203%2016.pdf WOS:000375364800026		**0.956**	
A(ISI)10	Ciupagea, L., Andrei, G., Dima, D., **Circiumaru, A.**, Cotet, A., Stress-strain characteristics of polyester composites with singlewall, Multiwall and functionalized carbon nanotubes, Applied Mechanics and Materials, 657, pp. 382-386, 2014. http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.823.3081&rep=rep1&type=pdf WOS:000348898000074	**0,1**		A10=0,1+0,1 **A10=0,2 puncte**

A(ISI)11	Murarescu, M., Dima, D., Andrei, G., **Circiumaru, A.**, Synthesis of polyester composites with functionalized carbon nanotubes by oxidative reactions and chemical deposition, Digest Journal of Nanomaterials and Biostructures, 9 (2), pp. 653-665, 2014. http://chalcogen.ro/653_Murarescu.pdf WOS:000339050700023	**0.756**		A11=0,756+0,903+0,756+0,756+0,1+0,1+0,16 **A11=3,491 puncte**
C(ISI)11.1	Negoita, C., Cristache, N., Bodor, M., The epoxy resin - History and perspectives, Materiale Plastice, 53 (3), pp. 564-571, 2016 http://www.revmaterialeplastice.ro/pdf/NEGOITA%20C%203%2016.pdf WOS:000384870300050		0.903	
C(ISI)11.2	Bastiurea, M., Rodeanu, M.S., Andrei, G., Dima, D., Cantaragiu, A. Correlation between graphene oxide / graphite content and thermal properties of polyester composites, Digest Journal of Nanomaterials and Biostructures,10 (4), pp. 1109-1118, 2015. http://www.chalcogen.ro/1109_Bastiurea.pdf WOS:000366264800001		**0.756**	
C(ISI)11.3	Bastiurea, M; Rodeanu, MS ; Dima, D ; Murarescu, M ; Andrei, G, Thermal and mechanical properties of polyester composites with graphene oxide and graphite, Digest Journal of Nanomaterials and Biostructures, Volume: 10, Issue: 2, Pages: 521-533, 2015. http://www.chalcogen.ro/521_Bastiurea.pdf WOS:000354951700021		**0.756**	
C(S)11.4	Besnea, M.A.C., Trufasu, D.C., Andrei, G., Bastiurea, M., Rodeanu, M.S., Estimation of wear behavior of polyphenylene sulphide composites reinforced with glass/carbon fibers, graphite and polytetrafluoroethylene, by pin-on-disc test, Tribology in Industry, 37 (1), pp. 88-96, 2015. http://www.tribology.fink.rs/journals/2015/2015-1/12.pdf		**0,1**	
C(S)11.5	Trufasu, D.-C., Besnea, A.M., Andrei, G., Bastiurea, M., Cotet, A., Constitutive parameters of mechanical behaviour lawfor poly (ether- ether-ketone) based composites with carbon nanotubes and carbon fibres, Applied Mechanics and Materials, 659, pp. 118-123, 2014.		**0,16**	
A(ISI)12	Murărescu, M., Dima, D., Andrei, G., **Cîrciumaru, A.**, Studies on dispersion and improved mechanical and thermal properties of polymer / cnt nanocomposite, nanocon 2011 - conference proceedings, 3rd international conference, pp. 407-413, 2011. wos:000306686700064f	**0,1**		A12=0,1+0,1 **A12=0,2 puncte**
A(ISI)13	**Circiumaru, A.**, Bria, V., Birsan, I.-G., Andrei, G., Dima, D., Some properties of stratified	**0,1**		A13=0,1 +0,1 **A13=0,2 puncte**

	composites, ASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis, ESDA20101, pp. 679-682, 2010. http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1618036 WOS:000291013100087			
A(ISI)14	Birsan, I.-G., **Circiumaru, A.**, Bria, V., Roman, I., Ungureanu, V., Mechanical characterization of fiber fabrics, Source of the DocumentASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis, ESDA20101, pp. 671-674, 2010. http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1618034 WOS:000291013100085	**0,1**		A14=0,1+0,1 **A14=0,2 puncte**
A(ISI)15	Bria, V., Birsan, I.-G., **Circiumaru, A.**, Ungureanu, V., Roman, I., Tribological characterization of particulate composites, ASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis, ESDA20101, pp. 675-678, 2010. http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1618035 WOS:000291013100086	**0,1**		A15=0,1+0,1 **A15=0,2 puncte**
A(ISI)16	**Cïrciumaru, A.**, Andrei, G., Birsan, I.-G., Semenescu, A., Electrical conductivity of fabric based filled epoxy composites, Materiale Plastice, 46 (2), pp. 211-214, 2009. http://www.revmaterialeplastice.ro/pdf/CIRCIUMARU%20A..pdf WOS:000269110000020	**0,903**		A16=0,903+0,903+0,756+0,756+0,1 **A16=3,418 puncte**
C(ISI)16.1	Negoita, Catalin; Cristache, Nicoleta; Bodor, Marius, The Epoxy Resin - History and Perspectives, MATERIALE PLASTICE Volume: 53 Issue: 3 Pages: 564-571 , 2016. http://www.revmaterialeplastice.ro/pdf/NEGOITA%20C%203%2016.pdf WOS:000384870300050		0,903	
C(ISI)16.2	Bastiurea, M.; Rodeanu, M. S.; Dima, D, Murarescu, M , Andrei, G , Thermal and Mechanical Properties of Polyester Composites with Graphene Oxide and Graphite, Digest Journal of Nanomaterials and Biostructures Volume: 10 Issue: 2 Pages: 521-533 , 2015. http://www.chalcogen.ro/521_Bastiurea.pdf WOS:000354951700021		**0.756**	

C(ISI)16.3	Ciupagea, L ; Andrei, G ; Dima, D ; Murarescu, M, Specific Heat and Thermal Expansion of Polyester Composites Containing Singlewall-, Multiwall - and Functionalized Carbon Nanotubes, Digest Journal of Nanomaterials and Biostructures, Volume: 8, Issue: 4, Pages: 1611-1619,2013. http://www.chalcogen.ro/1611_Ciupagea.pdf WOS:000327818000026		**0.756**	
A(ISI)17	Birsan, I.-G., Andrei, G., Ungureanu, V., Roman, I., **Circiumaru, A.**, Wear behaviour of fabric reinforced epoxy based composites, BALTTRIB 2009 - 5th Int. Conference, Dedicated to Lithuanian Millennium, 85th Anniversary of Lithuanian University of Agriculture, and 60th Anniversary of Department of Mechanical Engineering, Proc.pp. 158-163, 2009. WOS:000275404600025	**0,1**		A17=0,1+0,1 **A17=0,2 puncte**
A(ISI)18	Birsan, I.-G., Andrei, G., Bria, V., Postolache, I., **Cîrciumaru, A.**, Tribological behavior of clay/epoxy composites, BALTTRIB 2009 - 5th Int. Conference, Dedicated to Lithuanian Millennium, 85th Anniversary of Lithuanian University of Agriculture, and 60th Anniversary of Department of Mechanical Engineering, Proc.pp. 164-169, 2009. WOS:000275404600026	**0,1**		A18=0,1+0,1 **A18=0,2 puncte**
A(ISI)19	Birsan, I.-G., **Circiumaru, A.**, Andrei, G., (...), Bria, V., Postolache, I., Fabric reinforced epoxy composites, Annals of DAAAM and Proceedings of the International DAAAM Symposium pp. 1683-1684, 2009. http://go.galegroup.com/ps/anonymous?id=GALE%7CA224713033&sid=googleScholar&v=2.1&it=r&linkaccess=fulltext&issn=17269679&p=AONE&sw=w&authCount=1&isAnonymousEntry=true WOS:000282335600842	**0,1**		A19=0,1 + 0,1 **A19=0,2 puncte**
A(ISI)20	**Circiumaru, A.**, Andrei, G., Birsan, I.-G., (...), Roman, I., Leva, V., Clay epoxy composites, Annals of DAAAM and Proceedings of the International DAAAM Symposium pp. 1681-1682,2009. http://www.im.ugal.ro/AnnalsFasc8Tribology/pdf/2009/Abstracts/2/24-ANALE%202009_Circiumaru.pdf WOS:000282335600841	**0,1**		A20=0,1+0,903+0,1 **A20=1,103 puncte**
C(ISI)20.1	Roman, I., Ciortan, S., Birsan, I.G., Neural network based analysis of tribological behaviour for an epoxy-aramid system, Materiale Plastice, 52 (3), pp. 388-392, 2015. http://www.revmaterialeplastice.ro/pdf/ROMAN%20IGOR.pdf%203%2015.pdf WOS:000362382300026		0,903	
A(ISI)21	**Circiumaru, A.**, Birsan, I.G., Andrei, G., Diaconu, N., Stratfied hybrid composites, Annals of	**0,1**		A21=0,1+0,1 **A21=0,2 puncte**

	DAAAM and Proceedings of the International DAAAM Symposium, pp. 267-268,2008. WOS:000262860100133			
A(ISI)22	**Circiumaru, A.**, Andrei, G., Birsan, I.G., Dima, D., Carbon fiber based filled epoxy composites, Source of the DocumentAnnals of DAAAM and Proceedings of the International DAAAM Symposium, pp. 265-266, 2008. WOS:000262860100132	**0,1**		A22=0,1+0,1 **A22= 0,2 puncte**
A(ISI)23	**Circiumaru, A.**, Birsan, I.G., Andrei, G., Bria, V., Crudu, L., Influence of reinforcement on the properties of filled epoxy composites, Annals of DAAAM and Proceedings of the International DAAAM Symposiumpp. 269-270,2008. WOS:000262860100134	**0,1**		A23=0,1+0,1 **A23= 0,2 puncte**
A(ISI)24	Bria, Vasile; **Circiumaru, Adrian**; Birsan, Iulian Gabriel, Some Properties of Starch/Epoxy Composites, MATERIALE PLASTICE Volume: 48 Issue: 2 Pages: 189-194 , 2011. http://www.revmaterialeplastice.ro/pdf/BRIA%20V.pdf%202%2011.pdf WOS:000292630200014	**0,903**		A24=0,903+0,903+0,903+0,903+0,1 **A24=3,712 puncte**
C(ISI)24.1	Negoita, Catalin; Cristache, Nicoleta; Bodor, Marius, The Epoxy Resin - History and Perspectives, MATERIALE PLASTICE Volume: 53 Issue: 3 Pages: 564-571 2016. http://www.revmaterialeplastice.ro/pdf/NEGOITA%20C%203%2016.pdf WOS:000384870300050		0,903	
C(ISI)24.2	Vlad, D ; Fetecau, C Doicin, C ; Palade, LI , Experimental Study on the Cutting Forces in PTFE Orthogonal Cutting, Materiale Plastice, Volume: 50, Issue: 4, Pages: 326-333,2013. WOS:000329562600021		0,903	
C(ISI)24.3	Georgescu, C ; Stefanescu, I ; Botan, M ; Deleanu, L, Friction and Wear of Polybutylene Terephthalate Against Steel in Block-on-ring-tests, Materiale Plastice, Volume: 49, Issue: 3,Pages: 151-156,2012. http://www.revmaterialeplastice.ro/pdf/GEORGESCU.pdf%203%2012.pdf WOS:000309699300004		0,903	
A(ISI)25	Andrei, G ; Dima, D; Birsan, I ; Andrei, L ; **Circiumaru, A**, Effect of Ferrite Particles on Mechanical Behaviour of Glass Fibers Reinforced Polymer Composite, MATERIALE PLASTICE, Volume: 46,Issue: 3, Pages: 284-287, 2009. WOS:000272488600014	**0,903**		A25=0,903+1,579+0,903+0,903+0,756+0,756+0,1+0,66+0,16 **A25=6,16 puncte**

C(ISI)25.1	Rafique, MMA ; Kandare, E ; Sprenger, S , Fiber-reinforced magneto-polymer matrix composites (FR-MPMCs)A review, Journal of Materials Research,Volume: 32,Issue: 6,Pages: 1020-1046 DOI: 10.1557/jmr.2017.63,2017. WOS:000398788100002		**1.579**	
C(ISI)25.2	Negoita, Catalin; Cristache, Nicoleta; Bodor, Marius, The Epoxy Resin - History and Perspectives, MATERIALE PLASTICE Volume: 53 Issue: 3 Pages: 564-571 2016. http://www.revmaterialeplastice.ro/pdf/NEGOITA%20C%203%2016.pdf WOS:000384870300050		**0,903**	
C(ISI)25.3	Chirita, G ; Dima, D ; Andrei, G ; Birsan, IG , Mechanical Characterization of Graphite and Graphene/Vinyl-Ester Nanocomposite Using Three Point Bending Test, Materiale Plastice, Volume: 53,Issue: 1,Pages: 15-18, 2016. WOS:000373966500004		**0,903**	
C(ISI)25.4	Bastiurea, M ; Rodeanu, MS ; Dima, D ; Murarescu, M ; Andrei, G , Thermal and mechanical properties of polyester composites with graphene oxide and graphite, Digest Journal of Nanomaterials and Biostructures Volume: 10, Issue: 2, Pages: 521-533, 2015. WOS:000354951700021		**0.756**	
C(ISI)25.5	Ciupagea, L ; Andrei, G ; Dima, D ; Murarescu, M , Specific heat and thermal expansion of polyester composites containing singlewall-, multiwall - and functionalized carbon nanotubes, Digest Journal of Nanomaterials and Biostructures, Volume: 8 Issue: 4, Pages: 1611-1619, 2013. WOS:000327818000026		**0.756**	
C(S)25.6	Besnea, M.A.C., Trufasu, D.C., Andrei, G., Bastiurea, M., Rodeanu, M.S., Estimation of wear behavior of polyphenylene sulphide composites reinforced with glass/carbon fibers, graphite and polytetrafluoroethylene, by pin-on-disc test, Tribology in Industry 37 (1), pp. 88-96, 2015. http://www.tribology.fink.rs/journals/2015/2015-1/12.pdf		**0,1**	
C(S)25.7	Bastiurea, M., Rodeanu, M.S., Dima, D., Murarescu, M., Andrei, G. Evaluation of mechanical properties of polyester composite with graphene and graphite through three-point bending test, Source of the Document, Applied Mechanics and Materials 659, pp. 22-27, 2014. http://www.scientific.net/AMM.659.22		**0,16**	

A(ISI)26	Bria, V ; Birsan, IG ; **Circiumaru, A** ; Ungureanu, V , A technique to obtain high filled epoxy composites, Proceedings of the 13TH International Conference Modern Technologies, Quality and Innovation: MODTECH 2009 - NEW FACE OF TMCR, Book Series: Proceedings of the International Conference ModTech, Pages: 91-94, 2009. WOS:000274641800021	**0,1**		A26=0,1+0,1 **A26=0,2 puncte**
A(ISI)27	**Circiumaru, A** Birsan, IG ; Bria, V ; Ungureanu, V , Tailoring the Interface for Fabric Based Epoxy Composites, Proceedings of the 13th International Conference Modern Technologies, Quality and Innovation: MODTECH 2009 - New Face of TMCR, Book Series: Proceedings of the International Conference ModTech,Pages: 163-166, 2009. WOS:000274641800039	**0,1**		A27=0,1+0,1 **A27=0,2 puncte**
A(S)28	Bastiurea, M., Rodeanu Bastiurea, M.S., Andrei, G., Ripa, M., **Circiumaru, A.**, Determination of specific heat of polyester composite with graphene and graphite by differential scanning calorimetry, Tribology in Industry, 36 (4), pp. 419-427, 2014. http://www.tribology.fink.rs/journals/2014/2014-4/9.pdf	**0,1**		AS28=0,1+2,84+0,756+0,1 **AS28=3,796 puncte**
C(S)28.1	Saleem, H., Edathil, A., Ncube, T., Abraham, A., Mittal, V. Mechanical and Thermal Properties of Thermoset-Graphene Nanocomposites, Macromolecular Materials and Engineering, 301 (3), pp. 231-259, 2016. http://onlinelibrary.wiley.com/wol1/doi/10.1002/mame.201500335/full		2,84	
C(S)28.2	Bastiurea, M., Rodeanu, M.S., Andrei, G., Dima, D., Cantaragiu, A., Correlation between graphene oxide / graphite content and thermal properties of polyester composites, Digest Journal of Nanomaterials and Biostructures, 10 (4), pp. 1109-1118, 2015. http://www.chalcogen.ro/1109_Bastiurea.pdf		0,756	
A(S)29	Bria, V., Dima, D., Andrei, G., Birsan, I.-G., **Circiumaru, A.**, Tribological and wear properties of multi-layered materials, Tribology in Industry 33 (3), pp. 104-109, 2011. http://www.tribology.fink.rs/journals/2011/2011-3/2.pdf	**0,1**		**AS29=0,1+(0,1+0,903+0,33+0,1+0,33+0,1+0,1+0,1+0,1+0,1)+0,1** **AS29= 2,463 puncte**
C(S)29.1	Ajibola, O.O., Evaluation of electroless-nickel plated polypropylene under thermal cycling and mechanical tests, Tribology in Industry, 38 (3), pp. 412-424, 2016. http://www.tribology.fink.rs/journals/2016/2016-3/14.pdf		0,66	
C(S)29.2	Negoita, C., Cristache, N., Bodor, M., The epoxy resin - History and perspectives, Materiale Plastice,		0,903	

	53 (3), pp. 564-571, 2016 http://www.revmaterialeplastice.ro/pdf/NEGOITA%20C%203%2016.pdf			
C(S)29.3	Filonenko, S., Kosmach, A., Acoustic emission in the friction of composite materials, Aviation, 18 (2), pp. 57-63, 2014. http://www.tandfonline.com/doi/abs/10.3846/16487788.2014.926640		0,33	
C(S)29.4	Belhocine, A., Bakar, A.R.A., Bouchetara, M., Numerical modeling of disc brake system in frictional contact, Tribology in Industry, 36 (1), pp. 49-66, 2014. http://www.tribology.fink.rs/journals/2014/2014-1/7.pdf		0,1	
C(S)29.5	Filonenko, S., Kosmach, A., Impact of rotational speed of composite friction pair on energy accumulation in acoustic emission signal formation, Aviation 17 (4), pp. 129-136, 2013. http://www.tandfonline.com/doi/abs/10.3846/16487788.2013.861221		0,33	
C(S)29.6	Mansour, G., Tzetzis, D., Bouzakis, K.D.., A nanomechanical approach on the measurement of the elastic properties of epoxy reinforced carbon nanotube nanocomposites, Tribology in Industry, 35 (3), pp. 190-199, 2013. http://www.tribology.fink.rs/journals/2013/2013-3/3.pdf		0,1	
C(S)29.7	Ilaiyavel, S., Venkatesan, A., Investigation of wear coefficient of manganese phosphate coated tool steel, Tribology in Industry, 35 (1), pp. 69-73, 2013. http://www.tribology.fink.rs/journals/2013/2013-1/8.pdf		0,1	
C(S)29.8	Napiórkowski, J., Drozyner, P., Szczyglak, P., Effect of refractory elements on wear intensity of the surface layers in the abrasive soil mass, Tribology in Industry 35 (3), pp. 232-236, 2013. http://www.tribology.fink.rs/journals/2013/2013-3/8.pdf		0,1	
C(S)29.9	Abdullah, O.I., Schlattmann, J., Finite element analysis of temperature field in automotive dry friction clutch, Tribology in Industry, 34 (4), pp. 206-216, 2012. http://www.tribology.fink.rs/journals/2012/2012-4/4.pdf		0,1	
C(S)29.10	Sivakumaran, I., Alankaram, V., The wear characteristics of heat treated manganese phosphate coating applied to AlSi D2 steel with oil lubricant, Tribology in Industry 34 (4), pp. 247-254, 2012. http://www.tribology.fink.rs/journals/2012/2012-4/9.pdf		0,1	

A(S)30	Murarescu, M., Dima, D., Andrei, G., **Circiumaru, A.**, Influence of MWCNT dispersion on electric properties of nanocomposites with polyester matrix, Annals of DAAAM and Proceedings of the, International DAAAM Symposium, pp. 925-926, 2011. http://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2011/0925_Murarescu.pdf	**0,1**		AS30=0,1+0,1+1,07+1, 07+0,1 **AS30=1,37 puncte**
C(S)30.1	Martinek, T., Kudelka, J., Navratil, M., Kresalek, V., Characterization of epitaxial layers using scanning microwave microscopy, Annals of DAAAM and Proceedings of the International DAAAM Symposium 2015-January, pp. 1109-1114, 2015. http://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2015/156.pdf		0,1	
C(S)30.2	Brcic, M., Canadija, M., Brnic, J. Influence of waviness and vacancy defects on carbon nanotubes properties, Procedia Engineering 100 (January), pp. 213-219, 2015. http://www.sciencedirect.com/science/article/pii/S1877705815003872		1,07	
A(S)31	**Circiumaru, A.**, Bria, V., Roman, I., Dima, D., Birsan, I.G., Physical properties of filled epoxy composites, Annals of DAAAM and Proceedings of the International DAAAM Symposium, pp. 59-60, 2011. http://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2011/0059_Circiumaru.pdf	**0,1**		AS31=0,1+0,1 **AS31=0,2 puncte**
A(S)32	Bria, V., **Circiumaru, A.**, Birsan, I.G.,, Dima, D., Roman, I., Fabric reinforced laminae and laminates with starch-epoxy matrix, Annals of DAAAM and Proceedings of the International DAAAM Symposium, pp. 291-292, 2011. http://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2011/0291_Bria.pdf	**0,1**		**AS32=0,1+0,1 AS32=0,2 puncte**
A(S)33	Birsan, I.G., Roman, I., Bria, V., Ungureanu, V., **Circiumaru, A.**, Starch - Epoxy composites, Annals of DAAAM and Proceedings of the International DAAAM Symposium pp. 285-286, 2011. http://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2011/0285_Birsan.pdf	**0,1**		**AS33=0,1+0,1 AS33=0,2 puncte**
A(S)34	**Circiumaru, A.**, Birsan, I.-G., Andrei, G., Bria, V., Postolache, I., Some properties of a special type of reinforced composites with filled epoxy, Academic Journal of Manufacturing Engineering, 8 (1), pp. 30-36, 2011.	**0,1**		**AS34=0,1+0,1+0,903 AS32=1,103 puncte**
C(S)34.1	Negoita, C., Cristache, N., Bodor, M., The epoxy resin - History and perspectives, Materiale Plastice, 53 (3), pp. 564-571, 2016 http://www.revmaterialeplastice.ro/pdf/NEGOITA%20C%203%2016.pdf		0,903	

A(S)35	Dima, D., Murarescu, M., Andrei, G., **Circiumaru, A.**, MWCNT dispersion method with iron (III) oxide in unsaturated polyester matrix, Annals of DAAAM and Proceedings of the International DAAAM Symposium pp. 73-74, 2010.	**0,1**		**AS35=0,1+0,1** **AS35=0,2 puncte**
A(S)36	**Circiumaru, A.**, Andrei, G., Dima, D., Birsan, I.G., Bria, V., Thermal properties of some particulate composites, Annals of DAAAM and Proceedings of the International DAAAM Symposium, pp. 69-70, 2010.	**0,1**		**AS36=0,1+0,1** **AS36=0,2 puncte**
A(S)37	Andrei, G., **Circiumaru, A.**, Dima, D., Birsan, I.G., Bria, V., Some physical properties of fabric laminae, Annals of DAAAM and Proceedings of the International DAAAM Symposium, pp. 71-72, 2010.	**0,1**		**AS37=0,1+0,1** **AS37=0,2 puncte**
A(S)38	Birsan, I.G., **Circiumaru, A.**, Bria, V., Roman, I., Ungureanu, V., Some mechanical properties of reinforced filled epoxy composites, Annals of DAAAM and Proceedings of the International DAAAM Symposium, pp. 379-380, 2010.	**0,1**		**AS38=0,1+0,903+0,1** **AS38=1,103**
C(S)38.1	Roman, I., Ciortan, S., Birsan, I.G., Debita, M., Tribological behaviour prediction and optimisation for an epoxy clay system based on mechanical and thermal properties, Materiale Plastice, 52 (4), pp. 529-532, 2015. http://www.revmaterialeplastice.ro/pdf/ROMAN%20IGOR.pdf%204%2015.pdf		0,903	
A(S)39	Bîrsan, I.-G., **Cîrciumaru, A.**, Bria, V., Ungureanu, V., Tribological and electrical properties of filled epoxy reinforced composites, Tribology in Industry, 31 (1-2), pp. 33-36, 2009. http://www.tribology.fink.rs/journals/2009/2009-1-2/5.pdf	**0,1**		**AS39=0,1+(0,903+0,1+0,1+1,574+0,1+0,15+0,903+3,15)+0,1** **AS39=9,41 puncte**
C(S)39.1	Negoita, C., Cristache, N., Bodor, M., The epoxy resin - History and perspectives, Materiale Plastice, 53 (3), pp. 564-571, 2016. http://www.revmaterialeplastice.ro/pdf/NEGOITA%20C%203%2016.pdf		0,903	
C(S)39.2	Bello, S.A., Agunsoye, J.O., Hassan, S.B., Kana, M.G.Z., Raheem, I.A., Epoxy resin based composites, mechanical and tribological properties: A review, Tribology in Industry, 37 (4), pp. 500-524, 2015. http://connection.ebscohost.com/c/articles/112172864/epoxy-resin-based-composites-mechanical-tribological-properties-review		0,1	
C(S)39.3	Mukhopadhyay, A., Some tribological characterization of "EPDM"rubber, Tribology in Industry, 36 (2), pp. 109-116, 2014. http://www.tribology.fink.rs/journals/2014/2014-2/1.pdf		0,1	
C(S)39.4	Mayada, S.A., Khashaba, M.I., Ali, W.Y., Friction and triboelectrifcation of epoxy floorings filled by aluminium nanoparticles, Metall, 67 (10), pp. 455-		1,574	

	461, 2013. http://jglobal.jst.go.jp/en/public/20090422/201302278023600857			
C(S)39.5	Georgescu, C., Botan, M., Deleanu, L., Tribological characterisation of PBT + glass bead composites with the help of block-on-ringtest, Tribology in Industry, 35 (2), pp. 134-140, 2014. http://www.tribology.fink.rs/journals/2013/2013-2/6.pdf		0,1	
C(S)39.6	Saber, M., Khashaba, M.I., Ali, W.Y., Oil lubricated sliding of polyester composites filled by nanoparticles against steel, Tribologie und Schmierungstechnik 60 (5), pp. 49-56, 2013.		0,15	
C(S)39.7	Bria, V., Adrian, C., Birsan, I.G., Some properties of starch/epoxy composites, Materiale Plastice 48 (2), pp. 189-194, 2011. http://www.revmaterialeplastice.ro/pdf/BRIA%20V.pdf%202%2011.pdf		0,903	
C(S)39.8	Park, J.O., Rhee, K.Y., Park, S.J., Silane treatment of Fe3O4 and its effect on the magnetic and wear properties of Fe3O4/epoxy nanocomposites, Applied Surface Science 256 (23), pp. 6945-6950, 2010. http://www.sciencedirect.com/science/article/pii/S0169433210006665		3,15	
Total	**CDI-ART**			**51,211**
B1	Brevet de invenție Nr. 126293 din 30.01.2015, *Procedeu de tratare a țesăturilor din fibre de carbon, aramidice și carbon-aramidice*	**1**		**B1=1 punct**
B2	Brevet de invenție Nr.127397 din 26.02.2016, Procedeu de compatibiliyare a nanotuburilor de carbon**.**	**1**		**B2=1 punct**
Punctaj total criteriul CDI				**CDI = 53,211 puncte**

A(ISI) articol listat în *Web of Science*; C(ISI) citare care apare în *Web of Science*

A (S) articol listat în *SCOPUS*; C(S) citare care apare în *SCOPUS* (nu apar și în *Web of Science*)

Criteriul 2. Activitate didactică – DID

Nr. Crt.	Carte	Pagini	Punctaj/carte
1	**A. Cîrciumaru**, *Proiectarea, formarea si testarea compozitelor polimerice armate cu tesaturi*, ISBN 978-606-628-060-0, 173 pag. Editura Europlus Galați, 2013	173	**3,460**
2	C. Niculescu, **A. Cîrciumaru**, Manual Fizica clasa a-X-a, Prognosis, Bucuresti, 2000, 216 pag.	216	**4,320**
3	**A. Cîrciumaru**, *Caracterizarea şi testarea materialelor plimerice*, ISBN 978-606-628-059-4, 87 pag. Editura Europlus Galați, 2013	87	**1,740**
4	**A. Cîrciumaru**, *Caracterizarea şi testarea materialelor compozite cu matrice polimerice*, ISBN 978-606-628-658-7, 90 pag. Editura Europlus Galați, 2013	90	**1,800**
Total	**DID-MSC**		**11,320**
5	Determinarea permitivității dielectrice a compozitelor-Laborator	L	1

6	Determinarea conductivității electrice a materialelor compozite-Laborator	L	1
7	Determinarea căldurii specifice a materialelor compozite-Laborator	L	1
8	Determinarea coeficientului de dilatare liniară al materialelor compozite-Laborator	L	1
9	Determinarea rezistenței la uzură abrazivă a materialelor compozite-Laborator	L	1
10	Determinarea coeficientului de tensiune superficială al lichidelor biologice - Laborator	L	1
11	Studiul rețelei de difracție în radiație laser - Laborator	L	1
12	Studiul vâscozității dinamice a fluidelor biologice - Laborator	L	1
13	Studiul electrolizei - Laborator	L	1
14	Studiul difracției luminii albe. Determinarea lungimii de undă - Laborator	L	1
15	Elemente de fotometrie - Laborator	L	1
16	Studiul soluțiilor și densitatea soluțiilor - Laborator	L	1
17	Studiul conductivității electrice al solidelor și lichidelor - Laborator	L	1
18	Spectrofotometrie– lucrare practică - Laborator	L	1
19	Studiul microscopului optic - Laborator	L	1
Punctaj total criteriul DID			**DID=26,320 puncte**

Criteriul 3. Recunoaştere şi impactul activităţii - RIA

Nr. Crt.	Proiecte	Valoare	Punctaj
1	„Progam de eficientizare a predării limbii române în școlile din UTA Găgăuzia și din Raionul Taraclia, Republica Moldova”, contract de finanțare nr. Ui-1/1261/23.05.2016. **Director de proiect** Valoare **75200 lei**	National - 1 punct = 10000 RON	**7,250**
2	C01/08.04.2015, Cercetări bibliografice privind vibrațiile plăcilor din materiale compozite polimerice. **Director de proiect** Valoare **9000 lei**	National - 1 punct = 10000 RON	**0,900**
3	C03/28.04.2015, Formarea și testarea mecanică a unor plăci din materiale compozite polimerice armate. **Director de proiect** Valoare **10000 lei**	National - 1 punct = 10000 RON	**1,000**
Total			**9,150**
4	Proiect - Cross-border interdisciplinary cooperation for the prevention of natural disasters and mitigation of environmental pollution in Lower Danube Euroregion MIS ETC 1676.**Membru.** Valoare **1695783 euro**	National - 1 punct = 50000 RON	**15,262**
5	Proiect IDEI – PCE 519/2008, Dezvoltarea unui nou concept de nanostructurare a compozitelor polimerice hibride multifunctionale cu proprietati controlate spatial. **Membru** Valoare **454756 lei**	National - 1 punct = 50000 RON	**9,095**
6	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. **Membru** Valoare **77965 lei**	National - 1 punct = 50000 RON	**1,559**
7	Calitate, mobilitate și diversitate în contextul internationalizării activităților Universității „Dunărea de Jos” din Galați - Expert. **Membru.** Valoare **244000 lei**	National - 1 punct = 50000 RON	**4,880**

8	Infiintarea unui centru de cercetare pentru materiale avansate si membrane polimerice nanostructurale. Director tehnic (perioada de realizare)/Director științific (perioada de implementare). **Membru** Valoare **8200000 lei**	National - 1 punct = 50000 RON	**164,000**
9	Proiect Cercetări și transfer tehnologic de materiale avansate, nanostructuri și tehnologii de fabricație pentru dezvoltarea sistemelor de energii regenerabile POSCCE 12P01.024 21/CDI 11. http://polmedgreen.ro/proiecte.html Valoare 4436203,00 din care partener 2000000 lei. (anexate primele două pagini ale contractului) **Membru**	National - 1 punct = 50000 RON	**40,000**
10	Contract terți 692/2016 *Studiu asupra nămolului provenit de la stația de epurare a apelor uzate Brăila*. **Membru** Valoare **6000 euro**	National - 1 punct = 50000 RON	**0,540**
11	Contract terți 630/2014 *Studiu în vederea posibilităților de utilizare industrială sau agricolă a nămolului provenit de la stația de epurare a apei uzate municipale*. **Membru** Valoare **9100 euro**	National - 1 punct = 50000 RON	**0,819**
Punctaj total criteriul RIA			**245,305 puncte**

Tabel centralizator

Crit.	**Profesor universitar**	**Puncte**
CDI	Minim 10 puncte (din care **51,211** puncte din CDI-ART)	**CDI 53.211**
DID	Minim 10 puncte (din care **11,320** puncte din DID-MSC)	**DID=26,32**
RIA	Minim 10 puncte (din care **9,150** puncte din director)	**RIA= 245,305**