

Fișa de calcul a Standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice în învățământul superior (profesor)

Comisia de INGINERIA MATERIALELOR (OMENCS nr. 6129/20.12.2016)

Liana Sanda BALTEȘ, Universitatea Transilvania din Brașov, Facultatea de Știința și Ingineria Materialelor,
Departamentul de Ingineria Materialelor și Sudură

1 Activitatea didactică și profesională (A1)

1.1 Cărți și capitole în cărți de specialitate în edituri recunoscute

1.1.1 Cărți/capitole ca autor	1.1.1.1 Internaționale Nr. de pag./ (2xnr.aut)	Denumire	Punctaj
	1.1.1.2 Naționale: prof min2, d.c. 1 prim autor Nr. de pag./ (5xnr.aut)	Tierean M., Eftimie L., Baltes L., <i>Materials Science</i> , Editura Universității "Transilvania" Brașov, ISBN 973-635-684-1, 2006, 322 pag. (cod CNCSIS 81)	322/5x3= 21,466
		Baltes L.S., <i>Materiale avansate. Materiale amorfe. Cermeți</i> , Editura Lux Libris Brașov, ISBN 973-9428-82-7, 2003, 184 pag. (cod CNCSIS 201)	184/5= 36,8

1.2 Suport didactic

1.2.1 Manuale didactice, monografii, inclusiv electronice: prof min.2 din care 1 prim autor	Nr. de pag./ (10xnr.autori)	Denumire	Punctaj
		Baltes L.S., <i>Introducere în structura, proprietățile și utilizările materialelor compozite</i> , Editura Lux Libris Brașov, ISBN 973-9428-86-X, 2003, 150 pag. (cod CNCSIS 201)	150/10= 15
		Luca V., Baltes L.S., <i>Aliaje neferoase</i> , Editura Universității Transilvania din Brașov, 2003, 128 pag.	128/20= 6,4
		Baltes L., <i>Materiale amorfe. Materiale compozite</i> , Editura Universității Transilvania din Brașov, 2003, 264 pag.	264/10= 26,4
1.2.2 Îndrumătoare de laborator/aplicații	Nr. de pag./ (20xnr.autori)	Tudoran P., Luca V., Florea R., Șerban C., Markos Z., Fătu S., Căndea V., Eftimie L., Baltes, L.S., Banciu R., <i>Ingineria materialelor, studiul materialelor metalice și metalurgie fizică-lucrări practice</i> , Universitatea Transilvania din Brașov, 2001, 309 pag.	309/200= 1,545
		Tudoran, P., Luca, V., Fiterău V., Florea, R.G., Șerban, C., Markos Z., Fătu S., Căndea V., Baltes, L.S., Banciu R., <i>Studiul</i>	234/200= 1,17

		<i>materialelor metalice și metalurgie fizică–lucrări practice</i> , Universitatea Transilvania din Brașov, 1991, 234 pag.	
		Florea, R., Baltes , L.S., <i>Cristalografie și mineralogie–lucrări practice</i> , Universitatea din Brașov, 1988, 71 pag.	71/40= 1,775
		Luca M., Machedon Pisu T., Catana D., Baltes L.S., Olah A., Machedon Pisu E., Bodeanu M., <i>Tehnologia materialelor _Ghid de lucrari practice</i> , Ed. Lux Libris, ISBN 978-973-131-376-4, 2017, 142 pag., (cod CNCIS 201)	142/140= 1,014
			111,57

2. Activitatea de cercetare (A2)

2.1 Articole cotate in reviste cotate ISI Thomson Reuters-Web of Science Core Collection (Fi-factor de impact) și in volumele indexate ISI proceedings- Web of Science în specificul postului scos la concurs

2.1.	50xX/		
1	nr.aut	1. Baltes L., Costiuc L., Patachia S., Tiorean M., Differential Scanning Calorimetry a powerful tool for the determination of morphological features of the recycled polypropylene, <i>Journal of Thermal Analysis and Calorimetry</i> , Vol. 138, Issue4, p. 2399-2408, 2019, WOS:000499703500004, IF=2.471 la data 04.05.2020, https://doi.org/10.1007/s10973-019-08679-7	50x2.47
Ptr	ori	https://link.springer.com/epdf/10.1007/s10973-019-08679-7?author_access_token=raL9-mCXyN5-9N3pKj_fbfe4RwIQNchNBvi7wbcMAY7K3mWZqhz5vE7sE7DRriTpYVQMNwgxbpFs65SEFCA4IUVOv2DYI7GoG4wure02u4aGDU2cMp5_Gf2_Qhe1IGJrjcfn66YvWBUZxY2dyTNshQ%3D%3D	1/4= 30,887
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car	u	2. Patachia S., Croitoru C., Baltes L., Tiorean M., Colors distribution in polymer wastes and color prediction of recycled polymers, <i>Environmental Engineering and Management Journal</i> , Vol 18 Issue 5 Pag: 1039-1048, 2019, WOS:000473511200009, IF=1.186 la data 04.05.2020 http://eemj.eu/index.php/EEMJ/article/view/3866	50x1.18
e	articol		6/4= 14,825
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revi	X=0,1	3. Baltes L., Patachia S., Tiorean M., Ekincioglu O., Ozkul H.M., Photoactive polymer-cement composites for tannins removal from waste waters, <i>Journal of Environmental Chemical Engineering</i> , 2018, IF=0 la data 04.05.2020 WOS:000444046700062 https://www.sciencedirect.com/science/article/pii/S2213343718303488?via%3Dihub	0
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din		4. Baltes L., Patachia S., Tiorean M., Ekincioglu O., Ozkul H. M., Photoactive glazed polymer-cement composite, <i>Applied Surface Science</i> , 438 (2018), p. 84-95, WOS:000425731200011, IF=5.155 la data 04.05.2020	50x5.15
car			5/5= 51,55

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e	https://www.sciencedirect.com/science/article/pii/S0169433217327174	
min	5. Croitoru C., Patachia S., Papancea A., Baltes L., Tierean M., Glass fibres reinforced polyester composites degradation monitoring by surface analysis, <i>Applied Surface Science</i> , 358 (2015), p. 518–524, WOS:000366220500003, <u>IF=5.155 la data de 04.05.2020</u>	50x5.15 5/5= 51,55
. 5	https://www.sciencedirect.com/science/article/pii/S0169433215014051	
cu	6. Tierean M., Baltes L., Luca M., Banea A., Measurements of dynamic Young modulus of AlSi10Mg alloy cast in vibrating field, <i>Journal of Optoelectronics and Advanced Materials</i> , Vol. 17, No. 11-12, November – December 2015, p. 1868–1873, <u>corresponding author</u> , WOS:000368046700038, <u>IF=0.588 la data 04.05.2020</u>	50x0.58 8/4= 7,35
Fi	https://www.researchgate.net/publication/292051314_Measurements_of_dynamic_Young_modulus_of_AlSi10Mg_alloy_cast_in_vibrating_field	
de	7. Costiuc L., Tierean M., Baltes L., Patachia S., Experimental Investigation on the Heat of Combustion for Solid Plastic Waste Mixtures, <i>Environmental Engineering and Management Journal</i> , 14(2015), 6, 2015, p. 1295–1302, WOS:000360500200007, <u>IF=1.186 la data de 04.05.2020</u>	50x1.18 6/4= 14,825
min	http://www.eemj.icpm.tuiasi.ro/pdfs/vol14/no6/7_1025_Costiuc_14.pdf	
. 1	8. Patachia F.S.C., Catana Damian L.N., Tierean M., Baltes L., Microbial Safety of Plastic Materials Obtained from Wastes, <i>Environmental Engineering and Management Journal</i> , 14(2015), 6, 2015, p. 1303–1312, WOS:000360500200008, <u>IF=1.186 la data de 04.05.2020</u>	50x1.18 6/4= 14,825
și	http://www.eemj.icpm.tuiasi.ro/pdfs/vol14/no6/8_1027_Patachia_14.pdf	
min	9. Ursutiu D., Samoilă C., Baltes L.S., Tierean M.H., Vekas L., Jînga V., Labview in ultrasound plastic materials measurement, <i>Journal of Optoelectronics and Advanced Materials</i> , Vol. 15, No. 7- 8, July – August 2013, p. 750 – 754, WOS:000323397900027, <u>IF=0.588 la data de 04.05.2020</u>	50x0.58 8/6= 4,9
. 5	https://www.researchgate.net/publication/269687971_Labview_in_ultrasound_plastic_materials_measurement	
ca	10. Baltes, L.S., Tierean, M.H., Patachia, S., Investigation on the friction coefficient of the composite materials obtained from plastics wastes and cellulosic fibres, <i>Journal of Optoelectronics and Advanced Materials</i> , Vol. 15, No. 7- 8, July – August 2013, p. 785 – 790, WOS:000323397900033, <u>IF=0.588 la data 04.05.2020</u>	50x0,58 8/3= 9,8
aut	https://www.academia.edu/15535217/Investigation_on_the_friction_coefficient_of_the_composite_materials_obtained_from_plastics_wastes_and_cellulosic_fibers	
or	11. Rem P., Di Maio F., Hu B., Houzeaux G., Baltes L., Tierean M., Magnetic fluid equipment for sorting of secondary polyolefins from waste, <i>Environmental</i>	50x1.18 6/6=9,8 83
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	<p><i>Engineering and Management Journal</i>, 12 (2013), 5, p. 951-958, WOS:000325283100014, IF=1.186 la data de 04.05.2020 http://www.eemj.icpm.tuiasi.ro/pdfs/vol12/no5/14_289_Rem_13.pdf</p>	
	<p>12. Tiorean M.H., Baltes L.S., Rem P.C, Foris T. Feasibility study of the production of secondary polyolefins from the plastic wastes using magnetic density separation, <i>Metalurgia International</i>, Special issue vol. XVIII no. 5 (2013) ISSN 1582 – 2214, p. 149-152, WOS:000315611900030, IF=0 la data de 04.05.2020 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=7&SID=F4b5REFB4jV7ucDBNED&page=1&doc=1</p>	0
	<p>13. Martel Fuentes O., Mirza Rosca J. Rodriguez Galindo E. Baltes L.S., Tiorean M.H., Electrochemical impedance spectroscopy characterization of passive film formed on Ti-Ta alloys, <i>Metalurgia International</i>, Special issue vol. XVIII no. 6 (2013) ISSN 1582 – 2214, p. 18-22, WOS:000315835600004, IF=0 la data de 04.05.2020 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=4&SID=F4b5REFB4jV7ucDBNED&page=1&doc=1</p>	0
	<p>14. Baltes, L.S., Study concerning part and injection molding die design, <i>Metalurgia International</i>, vol. 16 (2011), issue 5, ISSN 1582-2214, pag. 166-170, WOS:000289606200038 IF=0 la data de 04.05.2020 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=18&SID=F4b5REFB4jV7ucDBNED&page=1&doc=1</p>	0
	<p>15. Baltes, L.S., Aspects regarding the design of aluminum casting tools, <i>Metalurgia International</i>, vol. 16 (2011), issue 3, ISSN 1582-2214, pag. 63-67, WOS:000287889300015 IF=0 la data de 04.05.2020 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=21&SID=F4b5REFB4jV7ucDBNED&page=1&doc=1</p>	0
	<p>16. Machedon Pisu T., Tiorean M., Baltes L., Aspects concerning the technical diagnosis of material and welding joints of air conditioning tower in cement industry, <i>Metalurgia International</i>, vol. XV (2010), issue 5, ISSN 1582-2214, p. 45-51, WOS:000275625500008, IF=0 la data de 04.05.2020 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=10&SID=F4b5REFB4jV7ucDBNED&page=1&doc=1</p>	0
	<p>17. Baltes L., Draghici C., Manea C., Ceausescu D., Tiorean M., Trends in Selective Collection of the Household Waste, <i>Environmental Engineering and Management Journal</i>, July/August 2009, Vol.8, No. 4, p. 985-991, WOS:000269811500061, IF=1.186 la data 04.05.2020 http://eemj.eu/index.php/EEMJ/article/view/2626</p>	50x1,18 6/5= 11,86

		18. Tierean M., Baltes L. , Simulation of Damage in Elastic-plastic Materials Using the Fracture Mechanics Criteria, <i>Metalurgia International</i> , vol. XIV (2009), special issue 2, ISSN 1582-2214, p. 155-158, WOS:000265001400038, IF=0 la data de 04.05.2020 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=14&SID=F4b5REFB4jV7ucDBNED&page=1&doc=1	0
			222,205
Volum e WoS X=0,1	19. Mirza Rosca, J., Baltes, L.S. , Tierean, M.H., The effect of Mo and Al on the corrosion behavior of titanium and some of its alloys for biomedical applications, <i>Solid State Phenomena</i> , Vol. 216 (2014), p. 11-16, Trans Tech Publications, Switzerland, DOI:10.4028/www.scientific.net/SSP.216.11, WOS:000347924100002 https://www.scientific.net/SSP.216.11	5/3= 1,666	
	20. Roman, I.B., Tierean, M.H., Baltes, L.S. , Mirza Rosca, J., The effect of laser shock processing on corrosion resistance of stainless steel AISI 316L, <i>Solid State Phenomena</i> , Vol. 216 (2014), Trans Tech Publications, Switzerland, DOI:10.4028/www.scientific.net/SSP.216.210, p. 210-215, WOS:000347924100036 https://www.scientific.net/SSP.216.210	5/4= 1,25	
	21. Baltes, L. , Tierean, M., Versatility and low cost modular tools, advances in manufacturing engineering, <i>Quality and Production Systems (Volume II), Proceedings of the 1st International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '09)</i> , ISBN: 978-960-474-122-9, Published by WSEAS Press, 2009, p. 291-295, WOS:000295540700003 http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pTKfEdXxEA&search_mode=GeneralSearch&prID=bac6023d-8f40-4be9-9bd2-c424d6d5e6b8	5/2= 2,5	
	22. Tierean, M., Baltes, L. , Computing of Stress Intensity Factor using J-Integral Method with F.E.A., <i>Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium</i> , ISBN 978-3-901509-70-4, ISSN 1726-9679, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2009, p. 1105-1106, WOS:000282335600553 http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pTKfEdXxEA&search_mode=GeneralSearch&prID=703ac93e-e888-4ea0-a60f-12ce97d0042b	5/2= 2,5	
	23. Baltes, L. , Tierean, M., Influence of the part shape on the polymer flow inside mold an overall strength, <i>Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium</i> , ISBN 978-3-901509-70-4, ISSN 1726-9679,	5/2= 2,5	

	<p>Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2009, p. 1107-1108, WOS:000282335600554</p> <p>http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pTKfEdXxEA&search_mode=GeneralSearch&prID=85c65695-e633-4c38-85e2-b26fc5b9506d</p>	
	<p>24. Tierean, M., Baltes, L., Design of Valves Used in Reciprocating Compressors, <i>Recent Advances in Applied and Theoretical Mechanics, Proceedings of the 5th WSEAS International Conference on Applied and Theoretical Mechanics (MECHANICS '09)</i>, ISBN: 978-960-474-140-3, Published by WSEAS Press, 2009, p. 138-143, WOS:000276594500024</p> <p>http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pTKfEdXxEA&search_mode=GeneralSearch&prID=8df0c00f-5cee-4831-aca3-eaec06d1587a</p>	5/2= 2,5
	<p>25. Baltes, L., Tierean, M., Eftimie, L., Advanced Design of High Pressure Die Casting Moulds, <i>Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium</i>, ISBN 978-3-901509-68-1, ISSN 1726-9679, pp 696, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2008, p. 0065-0066, WOS:000262860100032</p> <p>http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pTKfEdXxEA&search_mode=GeneralSearch&prID=ff55309d-b930-4ba9-b725-d7c0c5a6356c</p>	5/3= 1,666
	<p>26. Baltes, L., Tierean, M., Eftimie, L., High Speed Machining with Internet Monitoring, <i>Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium</i>, ISBN 978-3-901509-68-1, ISSN 1726-9679, pp 696, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2008, p. 0067-0068, WOS:000262860100033</p> <p>http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pTKfEdXxEA&search_mode=GeneralSearch&prID=c9884f57-0899-4820-bc9e-d1cbd78d0d65</p>	5/3= 1,666
	<p>27. Eftimie, L., Tierean, M., Baltes, L., CAD Modelling of Couplings to Extend Reliability, <i>Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium</i>, ISBN 978-3-901509-68-1, ISSN 1726-9679, pp 696, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2008, p. 0473-0474, WOS:000262860100236</p> <p>http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pTKfEdXxEA&search_mode=GeneralSearch&prID=fad37d9e-874f-4ebf-b2a2-f67229684b85</p>	5/3= 1,666

	<p>28. Eftimie, L., Tiorean, M., Baltes, L., Mold Pattern Technological CAD Design of the Compressor Cross-Head (2008). <i>Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium</i>, ISBN 978-3-901509-68-1, ISSN 1726-9679, pp 696, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2008, p. 0475-0476, WOS:000262860100237 http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pJTKFEedXxEA&search_mode=GeneralSearch&prID=8258ac91-8a4f-4b69-bd23-d61933012994</p>	5/3= 1,666
	<p>29. Tiorean, M., Baltes, L., Eftimie, L., Design of the Bridges Structures Using Mathcad, <i>Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium</i>, ISBN 978-3-901509-68-1, ISSN 1726-9679, pp 696, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2008, p. 1389-1390, WOS:000262860100694 http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pJTKFEedXxEA&search_mode=GeneralSearch&prID=9f767f13-157c-4f13-977c-f23c1ba3071f</p>	5/3= 1,666
	<p>30. Tiorean, M., Baltes, L., Eftimie, L., Optimisation of Structures Based on Reliability, <i>Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium</i>, ISBN 978-3-901509-68-1, ISSN 1726-9679, pp 696, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2008, p. 1391-1392, WOS:000262860100695 http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pJTKFEedXxEA&search_mode=GeneralSearch&prID=33693a0a-04b4-425f-ade1-d153f75d7300</p>	5/3= 1,666
	<p>31. Baltes, L., Tiorean, M., Eftimie, L., Stress Concentration on Welded Joints' Cracks, <i>Annals of DAAAM for 2007 & Proceedings of the 18th International DAAAM Symposium</i>, ISBN 3-901509-58-5, ISSN 1726-9679, pp 382, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2007, p. 053-054, WOS:000252067400027 http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pJTKFEedXxEA&search_mode=GeneralSearch&prID=fa6e7a43-d962-4aac-abcf-2337cddaa0ad</p>	5/3= 1,666
	<p>32. Eftimie, L., Tiorean, M., Baltes, L., Compensation of Compressor Rods Deformations Using Superbolts, <i>Annals of DAAAM for 2007 & Proceedings of the 18th International DAAAM Symposium</i>, ISBN 3-901509-58-5, ISSN 1726-9679, pp 382, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2007, p. 269-270, WOS:000252067400135</p>	5/3= 1,666

	http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pjTKfEdXxEA&search_mode=GeneralSearch&prID=d66b7839-4774-4dc5-b592-98e4065e8bea	
	33. Tiorean, M., Eftimie, L., Baltes, L., C.F.D. in Reciprocating Compressor's Valves, <i>Annals of DAAAM for 2007 & Proceedings of the 18th International DAAAM Symposium</i> , ISBN 3-901509-58-5, ISSN 1726-9679, pp 382, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2007, p. 757-758, WOS:000252067400379 http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pjTKfEdXxEA&search_mode=GeneralSearch&prID=f2b603b2-7fd5-46ea-bd74-443948bd40ee	5/3= 1,666
	34. Tofan, M., Tiorean, M., Baltes, L., Eftimie, L., Design of Geodesic Dome Structures, <i>Annals of DAAAM for 2007 & Proceedings of the 18th International DAAAM Symposium</i> , ISBN 3-901509-58-5, ISSN 1726-9679, pp 382, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2007, p. 763-764, WOS:000252067400382 http://apps.webofknowledge.com/Search.do?product=WOS&SID=E1mWmM9pjTKfEdXxEA&search_mode=GeneralSearch&prID=a8944c7a-6efe-4602-b974-243a09b421f2	5/4= 1,25
		29,16
	222,205+29,16=	251,36 5

2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte Baze de date internaționale (BDI), în specificul postului scos la concurs

50xX/nr. autori X=0,08	1.Lazar, A., Croitoru, C., Tiorean, M., Baltes, L., Thermal and thermorheologic characterization of different polyolefin waste fractions, <i>Advanced Technologies of Materials Processing II</i> , Vol. 907, p. 74-79, (2017), Trans Tech Publications, Switzerland, EBSCO https://doi.org/10.4028/www.scientific.net/MSF.907.74 https://web.a.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&auth_type=crawler&jrnl=16629752&AN=125390831&h=jRVOKISgYVsO3nlsmvOjqxkjfd9NbYCM1q1It1JEtj4WWojP9FSsco96Wv3Sjg8fhkP%2fB9VW1txLOWISUNb4Q%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrINotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26auth_type%3dcrawler%26jrnl%3d16629752%26AN%3d125390831	4/4= 1
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2.Costiuc, L., Baltes, L., Patachia, S., Tierean, M., Lunguleasa A., Influence of reprocessing by melt-mixing and thermo-formation of polyolefin fractions, separated from wastes, on their calorific power, <i>Bulgarian Chemical Communications</i> , 50, pp. 165-171, 2018, ISSN:0861-9808, SCOPUS, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-85060005051&origin=resultslist&sort=plf-f&src=s&st1=Baltes+L*&st2=&sid=d33688f6e1da342f83e979cd6a279811&sot=b&sdt=b&sl=22&s=AUTHOR-NAME%28Baltes+L*%29&relpos=4&citeCnt=1&searchTerm=http://www.bcc.bas.bg/BCC_Volumes/Volume_50_Special_G_2018/50G_PD_165-171.24.pdf	4/5=0,8
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		12,835

2.4 Granturi/ proiecte de cercetare câștigate prin competiție/ Contracte cu agenți economici, min 10000 euro încasați. dir./ responsabil

2.4.1. Director / Responsabil partener min.2 din care cel puțin unul ca director	2.4.1.1 Internaționale 20xani de desfășurare	W2PLASTICS, Project ID: 212782, FP7-ENVIRONMENT, 2008-11-01 to 2013-04-30, closed project, Project details: Total cost: EUR 3 850 608,80; EU contribution: EUR 2 761 772; Coordinated in: Netherlands. Topic(s): ENV.2007.3.1.3.2. - New technologies for waste sorting; Call for proposal: FP7-ENV-2007-1; Funding scheme: CP-FP - Small or medium-scale focused research project Coordinator: TECHNISCHE UNIVERSITEIT DELFT, Netherlands, EU contribution: EUR 741 237, STEVINWEG 1, 2628 DELFT, Netherlands, Administrative contact: Maarten De Groot	100
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		<p>Participants: Universita Degli Studi Di Roma La Sapienza, Italy; Danmarks Tekniske Universitet, Denmark; Universitatea Transilvania din Brasov, Romania; Barcelona Supercomputing Center - Centro Nacional De Supercomputacion, Spain; Budapesti Muszaki Es Gazdasagtudomanyi Egyetem, Hungary; AKG POLYMERS B.V., Netherlands; Bakker Magnetics BV, Netherlands; Recycling Avenue BV, Netherlands; Alcufer Ipari Kereskedelmi Es Szolgaltato Korlatolt Felelossegu Tarsasag, Hungary; S.C. Urban S.A., Romania; Oldelft BV, Netherlands; DV SRL, Italy; Redox Waste Recycling BV, Netherlands.</p> <p>Universitatea Transilvania din Brasov, Romania [EU contribution: EUR 111 590], Bdul Eroilor 29, Brasov, Romania; Administrative contact UTBv Liana Sanda Baltes http://cordis.europa.eu/project/rcn/89342_en.html</p>	
		<p>Solar Facilities for the European Research Area – Second Phase – (SFERA II). „Improvement of MDF cements properties through metallic oxide coating using solar energy. Proposal reference P1602040191, Acronym: SOL4COAT”, 2016. Nr. contract CIEMAT PSA _EU 312643, https://sfera2.sollab.eu/access/access_selected, Campaign 2016, director</p>	20
		<p>Agence Universitaire de la Francophonie, CE/DG/454/2007, Bourses de Perfectionnement en formation / en recherche (concours filières) - Sélection 2007 / 2008. Transfert des compétences et implémentation des bonnes pratiques françaises dans le domaine de Science et Génie des Matériaux, director</p>	20
	2.4.1.2 Naționale 5xani de desfășurare		
2.4.2 Membru în echipă	2.4.2.1 Internaționale 4xani de desfășurare		

	2.4.2.2 Naționale 2xani de desfășurare	Capacități, modul III, 2 PC7 "Magnetic Sorting and Ultrasound Sensor Technologies for Production of High Purity Secondary Polyolefins from Waste", perioada: 2011-2012, finantator: UEFISCDI Nr. contr.: 152EU	4
		Retea integrata pentru managementul durabil al resurselor de apa – SIWMANET, perioada: 2006-2008, finantator: ANCS Nr. contr.: 115/01.08.2006	4
		Sistem suport tehnico-decizional pentru managementul durabil al apei STEDIWAT, perioada: 2008-2011, finantator: ANCS, Nr. contr: 32-125/2008	4
		Formarea prin pulverizare a electrozilor compoziti, utilizati pentru depuneri dure si sudare in puncta PULVER, perioada: 2007-2009, finantator: ANCS, Nr. contr.: 57/2007	4
		Tehnologii inovative pentru realizarea de elemente modulate destinate fabricarii sculelor pentru deformari plastic ELMOD, perioada: 2007-2010, finantator: ANCS, Nr. contr.: 71-039/2007	4
		Electrozi multistrat pentru sudarea prin rezistenta electrica in puncte si linie ELSUD, perioada: 2008-2010, finantator: ANCS, Nr.contr: 71-066/2007	6
		Cercetari privind nitrocarburarea otelurilor si determinarea caracteristicilor fizico-mecanice ale straturilor de difuzie, perioada: 2002-2004, finantator: CNCSIS, Nr. contr.: 33459	6
			172
		251,365+12,835+172=	436,20

3. Recunoașterea și impactul activității (A3)

3.1 Citări în reviste cotate în ISI Thomson Reuters-Web of Science Core Collection (FI-factor de impact) și în alte BDI (FI se referă la revista în care a fost publicat articolul care citează)

3.1 .1 ISI	FI<0.5, 5/Nr. aut.; 0,5<FI <1,	Baltes, L., Draghici, C., Manea, C., Ceausescu, D., Tiorean, M., Trends in Selective Collection of the Household Waste, <i>Environmental Engineering and Management Journal</i> , July/August 2009, Vol.8, No. 4, p. 985-991, WOS:000269811500061	
		Rousta K., Bolton K., Lundin M., Dahlen L., Quantitative assessment of distance to collection point and improved sorting information on source separation of household	20/5=4

10/Nr. aut.;	waste, <i>Waste Management</i> , vol. 40, 2015, 22-30, DOI: 10.1016/j.wasman.2015.03.005, WOS:000355049700005, IF=3.829	
1<FI<2	Gallardo A., Carlos M., Peris M., Colomer F.J., Methodology to design a municipal solid waste generation and composition map: a case study, <i>Waste management</i> , vol. 36, 2015, 1-11, DOI: 10.1016/j.wasman.2014.11.008, WOS:000349513000001, IF=3.829	20/5=4
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20/Nr. aut.;		
FI>5,	Ghinea, C., Dragoi, E.N., Comanita, E.D., Gavrilescu M., Campean, T., Curteanu, S., Gavrilescu, M., Forecasting municipal solid waste generation using prognostic tools and regression analysis, <i>Journal of Environmental Management</i> , 182 (2016), 80-93, WOS:000383291600009, IF=3.131	20/4= 5
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			12,45
		166,748+12,45=	179,19 8

3.3 Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice/Recenzor pentru reviste și manifestări științifice naționale și internaționale

3.3.1 ISI	Editor/Chairman 12; Membru 8; Recenzor 5		
		Reviewer Resources, Conservation & Recycling Journal, ISSN: 0921-3449, Impact Factor: 7.044	5
		Reviewer Waste Management, ISSN: 0956-053X, Impact Factor: 5.431	5
		Reviewer Mechanical Systems and Signal Processing, ISSN: 0888-3270, Impact Factor: 2.256	5
		Reviewer Journal of Environmental Management, ISSN: 0301-4797, Impact Factor: 2.723	5
3.3.2 BDI	Editor/Chairman 10; Membru 5; Recenzor 3		
		Recenzor Solid State Phenomena, ISSN:1662-9779	3
		Recenzor Advanced Materials Research, ISSN: 1662-8985	3
		Recenzor Materials Today, Proceedings, 2019, ISSN: 2214-7853	3
		Membru în Consiliul editorial Bulletin of the Transilvania University of Brasov, Series I, ISSN:2065-2119	5
		Membru în Consiliul științific al Bibliotecii Universității Transilvania din Brașov	5
		Membru în Consiliul editorial al Editurii Universității Transilvania din Brasov	5
		Recenzor al Editurii Universității Transilvania din Brasov	3
		Recenzor Bulgarian Chemical Communications, 2018	3
		Membru în Comitetul științific al conferinței ALTERNATIVE ENERGY SOURCES, MATERIALS AND TECHNOLOGIES (AESMT'19), 3 - 4 June, 2019, Sofia, Bulgaria și 8-9 June, 2020 Varna, Bulgaria	5
3.3.3 Naționale și internaționale neindexate	Editor/Chairman 5; Membru 3; Recenzor 2		
			55

Criterii opționale

3.6. Membru în academii, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării

3.6.4 Asociații profesionale	3.6.4.2 Naționale 5		
		Societatea Română de Biomateriale	5
		Asociația de sudură din România	5
		Asociația Română de Turnătorie	5
3.6.5 Organizații în domeniul educației și cercetării	3.6.5.2 Membru 2	Agentia română de asigurare a calității în învățământul superior	2
		Portalul experților CDI din România	2
			19
		Fără criterii opționale	179,198+55= 234,198
		Cu criterii opționale	179,198+55+19= 253,198

Nr. crt.	Domeniul de activitate	Condiții profesor min.	Realizat
1	Activitatea didactică / profesională (A1)	60	111,57
2	Activitatea de cercetare (A2)	320	436,20
3	Recunoașterea impactului activității (A3)	120	253,198
	TOTAL	500	800,968

04.05.2020

Conf.dr.ing. Liana Sanda Balteș

Arăuș

Avizat director departament

Conf.dr.ing. Arthur Olăh

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2. Prof. dr. ing. Teodor MACHESON PISU
3. Prof. dr. ing. Mircea Horia TEREAN

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Arăuș