

## FIȘA DE CALCUL

A ÎNDEPLINIRII STANDARDE MINIMALE, COMISIA INGINERIA MATERIALELOR  
(Monitorul Oficial al României, partea I, Nr. 890 bis/27.XII.2012)

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### 1. Activitatea didactică și profesională (A1)

Categoriile și restricții	Indicatori (kpi)	Denumire	Punctaj
1.1.1.2 Cărți/capitole naționale ca autor (min 2; 1 prim autor)	nr. pag./ 10 x nr. autori	Tierean, M., Eftimie, L., Baltes, L., <i>Materials Science</i> , Editura Universității "Transilvania" Brașov, ISBN 973-635-684-1, 2006, 322 pag.	10,733
		Balteș, L.S., <i>Introducere în structura, proprietățile și utilizările materialelor compozite</i> , Editura Lux Libris Brașov, ISBN 973-9428-86-X, 2003, 150 pag.	15
		Balteș, L.S., <i>Materiale avansate. Materiale amorfe. Cermeți</i> , Editura Lux Libris Brașov, ISBN 973-9428-82-7, 2003, 184 pag	18,4
1.2.1 Manuale didactice / Monografii (min 1)	nr. pag./ 20 x nr. autori	Luca, V., Balteș, L.S., <i>Aliaje neferoase–curs</i> , Reprografia Universității „Transilvania” din Brașov, 2003, 128 pag.	3,2
		Balteș, L.S., <i>Materiale amorfe și materiale compozite–curs</i> , Reprografia Universității „Transilvania” din Brașov, 2003, 264 pag.	13,2
1.2.2 Indrumare de laborator/aplicații (min 1)	nr. pag./ 25 x nr. autori	Tudoran, P., Luca, V., Florea, R., Șerban, C., Balteș, L.S., ș.a., <i>Ingineria materialelor, studiul materialelor metalice și metalurgie fizică–lucrări practice</i> , 2001, 309 pag.	1,236
		Tudoran, P., Luca, V., Florea, R., Șerban, C., Balteș, L.S., ș.a., <i>Studiul materialelor metalice și metalurgie fizică–lucrări practice</i> , Reprografia Universității din Brașov, 1991, 234 pag.	0,936
		Florea, R., Balteș, L.S., <i>Cristalografie și mineralogie–lucrări practice</i> , Reprografia Universității din Brașov, 1988, 71 pag.	1,42
1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continua și proiecte educaționale	director 15, responsabil 10, membru 5	Coordonator proiect Leonardo da Vinci „ <i>Training and certification of assessors in environment quality field</i> ”, RO/2005/95093/EX, with Rainer Kiel Kanalsanierung, Germany	15
		Monitor proiect Leonardo da Vinci „ <i>Training of experts in air pollution field and their influence on materials degradation</i> ”, RO/2006/97175/EX, with Investigación y Protección en Corrosión Canarias, Spain	10
<b>Total activitate didactică și profesională (min. 40)</b>			<b>89,12</b>

### 2. Activitatea de cercetare (A2)

Categoriile și restricții	Indicatori (kpi)	Denumire	Punctaj
2.1 Articole cotate in reviste ISI Thomson Reuters și in volumele indexate ISI proceedings (min. 15 articole din care min. 10	Reviste: (25+20 x FI)/nr. autori	Tierean, M., <b>Baltes, L.</b> , 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, WOS:000368046700038, IF=0.383, <b>corresponding author</b>	8,165
		Croitoru, C., Patachia, S., Papancea, A., <b>Baltes, L.</b> , Tierean, M., Glass fibres reinforced polyester composites degradation monitoring by surface analysis, <i>Applied Surface Science</i> , 358 (2015), p. 518–524, WOS:000366220500003, <b>IF=3.15</b>	17,6
		Costiuc, L., Tierean, M., <b>Baltes, L.</b> , Patachia, S., Experimental Investigation on the Heat of Combustion for Solid Plastic Waste Mixtures, <i>Environmental Engineering and Management Journal</i> ,	11,29

în reviste cotate ISI Th.R., din care min. 5 cu FI de min. 0,5 și min. 5 ca autor principal indiferent de FI

	14(2015), 6, 2015, p. 1295-1302, WOS:000360500200007, <b>IF=1.008</b>	
	Patachia, F.S.C., Catana Damian, L.N., Tierean, M., <b>Baltes, L.</b> , Microbial Safety of Plastic Materials Obtained from Wastes, <i>Environmental Engineering and Management Journal</i> , 14(2015), 6, 2015, p. 1303-1312, WOS:000360500200008, <b>IF=1.008</b>	11,29
	<b>Baltes, L.S.</b> , 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, <b>IF=0.563</b>	12,086
	Ursutiu D., Samoila C., <b>Baltes L.S.</b> , Tierean M.H., Vekas L., Jinga 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, <b>IF=0.563</b>	6,043
	Rem, P., Di Maio, F., Hu, B., Houzeaux, G., <b>Baltes, L.</b> , Tierean, M., Magnetic fluid equipment for sorting of secondary polyolefins from waste, <i>Environmental Engineering and Management Journal</i> , 12 (2013), 5, p. 951-958, WOS:000325283100014, <b>IF=1.258</b>	8,360
	Martel Fuentes, O., Mirza Rosca, J. Rodriguez Galindo, E. <b>Baltes, L.S.</b> , Tierean, 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=0.134	5,536
	Tierean, M.H., <b>Baltes, L.S.</b> , 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=0.134	6,920
	Machedon Pisu, T., Tierean, M., <b>Baltes, L.</b> , 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=0.154	9,360
	<b>Baltes, L.</b> , Draghici, C., Manea, C., Ceausescu, D., Tierean, 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, <b>IF=0.885</b>	8,540
	Tierean, M., <b>Baltes, L.</b> , 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=0.173	14,230
	<b>Baltes, L.S.</b> , Study concerning part and injection molding die design, <i>Metalurgia International</i> , vol. 16 (2011), issue 5, ISSN 1582-2214, pag. 166-170. IF= 0.084, WOS:000289606200038	26,68
	<b>Baltes, L.S.</b> , Aspects regarding the design of aluminum casting tools, <i>Metalurgia International</i> , vol. 16 (2011), issue 3, ISSN 1582-2214, pag. 63-67. IF= 0.084, WOS:000287889300015	26,68
Volume: 20/nr. autori max. 3 articole/ manifestare	Mirza Rosca, J., <b>Baltes, L.S.</b> , 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), Trans Tech Publications, Switzerland, DOI:10.4028/www.scientific.net/SSP.216.11, p. 11-16, WOS:000347924100002	6,667
	Roman, I.B., Tierean, M.H., <b>Baltes, L.S.</b> , 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	5
	Tierean, M., <b>Baltes, L.</b> , Design of Valves Used in Reciprocating Compressors, <i>Recent Advances in Applied and Theoretical</i>	10

<i>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	
<b>Baltes, L.</b> , 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	10
Tierean, M., <b>Baltes, L.</b> , Computing of Stress Intensity Factor using J-Integral Method with F.E.A., <i>Annals of DAAAM for 2009 &amp; Proceedings of the 20th International DAAAM Symposium</i> , ISBN 978-3-901509-70-4, ISSN 1726-9679, pp 553, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2009, p. 1105-1106, WOS:000282335600553	10
<b>Baltes, L.</b> , Tierean, M., Influence of the part shape on the polymer flow inside mold an overall strength, <i>Annals of DAAAM for 2009 &amp; Proceedings of the 20th International DAAAM Symposium</i> , ISBN 978-3-901509-70-4, ISSN 1726-9679, pp 553, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, 2009, p. 1107-1108, WOS:000282335600554	10
Tierean, M., <b>Baltes, L.</b> , Eftimie, L., Design of the Bridges Structures Using Mathcad, <i>Annals of DAAAM for 2008 &amp; 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	6,667
Tierean, M., <b>Baltes, L.</b> , Eftimie, L., Optimisation of Structures Based on Reliability, <i>Annals of DAAAM for 2008 &amp; 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	6,667
<b>Baltes, L.</b> , Tierean, M., Eftimie, L., Advanced Design of High Pressure Die Casting Moulds, <i>Annals of DAAAM for 2008 &amp; 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	6,667
<b>Baltes, L.</b> , Tierean, M., Eftimie, L., High Speed Machining with Internet Monitoring, <i>Annals of DAAAM for 2008 &amp; 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	6,667
Eftimie, L., Tierean, M., <b>Baltes, L.</b> , CAD Modelling of Couplings to Extend Reliability, <i>Annals of DAAAM for 2008 &amp; 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	6,667
Eftimie, L., Tierean, M., <b>Baltes, L.</b> , Mold Pattern Technological CAD Design of the Compressor Cross-Head (2008). <i>Annals of DAAAM for 2008 &amp; 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	6,667
Tierean, M., Eftimie, L., <b>Baltes, L.</b> , C.F.D. in Reciprocating Compressor's Valves, <i>Annals of DAAAM for 2007 &amp; Proceedings of</i>	6,667

		<i>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	
		<b>Baltes, L.</b> , Tiorean, M., Eftimie, L., Stress Concentration on Welded Joints' Cracks, <i>Annals of DAAAM for 2007 &amp; 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	6,667
		Eftimie, L., Tiorean, M., <b>Baltes, L.</b> , Compensation of Compressor Rods Deformations Using Superbolts, <i>Annals of DAAAM for 2007 &amp; 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	6,667
		Tofan, M., Tiorean, M., <b>Baltes, L.</b> , Eftimie, L., Design of Geodesic Dome Structures, <i>Annals of DAAAM for 2007 &amp; 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	5
<b>2.2</b> Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (min. 5)	Reviste: 20/nr. autori Volume: 10/nr. autori max. 3 articole / manifestare	Croitoru, C., Giubega, A., Patachia, S., Baltes, L., Pascu, A., Roata. I., Tiorean, M., State of the Art in Calcite and Polyolefins Recycling, <i>Bulletin of the Transilvania University of Braşov, Series I</i> , Vol. 9 (58) No. 1 – 2016, p. 35-40, EBSCO	2,857
		Tiorean, M.H., Baltes, L.S., Banea, A., Influence of the vibrations on AlSi10Mg casting alloy structure, <i>Advanced Materials Research</i> , Vol. 1114 (2015), Trans Tech Publications, Switzerland, DOI:10.4028/www.scientific.net/AMR.1114.166, p. 166-171, Copernicus	3,333
		Patachia, S., Moldovan, A., Tiorean, M., Baltes, L., Composition Determination of the Romanian Municipal Plastics Wastes, <i>The 26th International Conference on Solid Waste Technology and Management, March 27 – 30, 2011, Philadelphia, U.S.A., Journal of Solid Waste Technology and Management</i> , ISSN 1091-8043, pag 940-951, EBSCO	2,5
		Costiuc, L., Patachia, S., Baltes, L., Tiorean, M., Investigation on Energy Density of Plastic Waste Materials, <i>The 26th International Conference on Solid Waste Technology and Management, March 27 – 30, 2011, Philadelphia, U.S.A., Journal of Solid Waste Technology and Management</i> , ISSN 1091-8043, pag 930-939, EBSCO	2,5
		Tiorean, M., Baltes, L., Santana Lopez, A., Modeling of Crack Growth in Elastic-Plastic Materials, <i>Bulletin of the Transilvania University of Brasov</i> , Vol. 1(50), Series I, 2008, ISSN 2065-2127, p. 279-282, EBSCO	6,666
		Baltes, L., Tiorean, M., Samota, I., Mirza Rosca, J., Analysis of the Stresses in the Femoral Bone, Premise for the Hip Prosthesis Dimensioning, <i>Bulletin of the Transilvania University of Brasov</i> , Vol. 1(50), Series I, 2008, ISSN 2065-2127, p. 191-196, EBSCO	5
		Dragan, R. G., Rosca, I.C., Monchau, F., Olteanu, C., Zamfira, S., Baltes L., Active Pulse Thermography Applied to Defect Detection in Bioceramic Materials, <i>Applied Mechanics and Materials</i> Vol. 659 (2014) pp 371-376, 2014, Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.659.371, SCOPUS	1,666
		Santana Jiménez, Y., Tejera Gil, M., Torrado Guerra, M., Balteş, L.S., Mirza Rosca, J.C., Interpretation of Open Circuit Potential of Two Titanium Alloys for A Long Time Immersion in Physiological Fluid, <i>Bulletin of the Transilvania University of Brasov</i> , Vol. 2(51), Series I, 2009, ISSN 2065-2119, Published by Transilvania University Press Brasov, Romania, 2009, pag. 197-204, EBSCO	4

		Baltes, L., Bucur, I., Petri, M., Urban waste management in Brasov area, <i>Environmental Engineering and Management Journal</i> , June 2005, Vol.4, No.2, pag. 263-268, Google scholar	6,666
		Tierean, M., Baltes, L., Thermal behavior of valve rings during operation in compressors, <i>Bulletin of the Transilvania University of Brasov</i> , Vol. 12(47) - series A, 2005, ISSN 1223-9631, p. 297-302, EBSCO	10
<b>2.4.1</b> Granturi/ proiecte câștigate prin competiție dir./ responsabil (min. 3 din care cel puțin unul ca director)	internaționale 20x ani desfășurare	FP7 „Magnetic Sorting and Ultrasound Sensor Technologies for Production of High Purity Secondary Polyolefins from Waste”, acronym W2PLASTICS, project number 212782, topic: ENV-2007-3.1.3-02: New technologies for waste sorting, 2008-2013, www.w2plastics.eu	100
		The European Solar Research Infrastructure for Concentrated Solar Power –Second Phase –SFERA II. „Improvement of MDF cements properties through metallic oxide coating using solar energy. Acronym: SOL4COAT”, 2016. Nr. contract CIEMAT PSA_EU 312643	20
		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 francaises dans le domain de Science et Génie des Matériaux	20
<b>2.4.2.2</b> Granturi/ proiecte câștigate prin competiție membru în echipă	naționale 2x ani 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 nrctr: 152EU	4
		Retea integrata pentru managementul durabil al resurselor de apa – SIWMANET, perioada: 2006-2008, finantator: ANCS nrctr: 115/01.08.2006	4
		Sistem suport tehnico-decizional pentru managementul durabil al apei STEDIWAT, perioada:2008-2011, finantator: ANCS, nrctr: 32-125/2008	4
		Formarea prin pulverizare a electrozilor compoziti, utilizati pentru depuneri dure si sudare in puncta PULVER, perioada: 2007-2009, finantator: ANCS, nrctr: 57/2007	4
		Tehnologii inovative pentru realizarea de elemente modulate destinate fabricarii sculelor pentru deformari plastic ELMOD, perioada: 2007-2010, finantator: ANCS, nrctr: 71-039/2007	4
		Electrozi multistrat pentru sudarea prin rezistenta electrica in puncte si linie ELSUD, perioada: 2008-2010, finantator: ANCS, nrctr: 71-066/2007	6
		Institut de Cercetare Dezvoltare Inovare Prognose HighTech pentru Dezvoltare Durabila PRODD, perioada: 2009-2013, finantator: ANCS nrctr: 11/2009	2
		Cercetari privind nitrocarburarea otelurilor si determinarea caracteristicilor fizico-mecanice ale straturilor de difuzie, perioada: 2002-2004, finantator: CNCSIS, nrctr: 33459	6
<b>Total activitate de cercetare (min. 300)</b>			<b>508,62</b>

### 3. Recunoașterea și impactul activității (A3)

Categoriile și restricții	Indicatori (kpi)	Denumire	Punctaj
<b>3.1.1</b> Citări în reviste ISI	5/nr. autori FI<0,5 10/nr.	Baltes, L., Draghici, C., Manea, C., Ceausescu, D., Tierean, 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=0.885	
	autori 0,5<FI<1 15/nr. autori 1<FI<2	Rousta K., Bolton K., Lundin M., Dahlen L., Quantitative assessment of distance to collection point and improved sorting information on source separation of household waste, <i>Waste Management</i> , vol. 40, 2015, 22-30, DOI: 10.1016/j.wasman.2015.03.005, WOS:000355049700005, IF=3.829	4

20/nr. autori 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	4
	Costiuc, L., Tierean, M., Baltés, 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, IF=1.008	
	Ionescu, G., Rada, E.C., Cioca, L.I., Municipal solid waste sorting and treatment schemes for the maximization of material and energy recovery in a latest EU member, <i>Environmental Engineering and Management Journal</i> , Volume: 14, Issue: 11, p. 2537-2544, WOS:000369099900006, IF=1.008	3,75
	Ghinea, C., Dragoi, E.N., Comanita, E.D., Gavrilăscu M., Campean, T., Curteanu, S., Gavrilăscu, 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	5
	Ghinea, C., Gavrilăscu M., Costs analysis of municipal solid waste management scenarios: Iasi - Romania case study, <i>Journal of Environmental Engineering and Landscape Management</i> , vol. 24, issue 3, 185-199, WOS:000382308400004, IF=0.591	2,5
	Tierean, M., Baltés, 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=0.173	
	Machedon Pisu T., Vas A., Magyari M., Iordache A., Research on cladding (CMT MIG, WIG arc mechanized pulse) for molds used for casting, <i>Metalurgia international</i> , vol. 18, special issue: 5, 2013, 89-94, WOS:000315611900017, IF=0.173	2,5
	Machedon Pisu E., Research on achievement friction welds construction of dissimilar materials used in the car, <i>Metalurgia international</i> , vol. 17, issue: 12, 2012, 44-47, WOS:000309145500010, IF=0.134	2,5
	Machedon Pisu T., Optimizing thermal cut surfaces by applying forced vibration, <i>Metalurgia international</i> , vol. 17, issue: 10, 2012, 60-64, WOS:000307370200010, IF=0.134	2,5
	Luca M., Vas A., Machedon Pisu T., The influence of mechanical vibrations upon 1.7035-41Cr4 steel temper - heat treatment, <i>Metalurgia international</i> , vol. 17, issue: 5, 2012, 42-45, WOS:000302202400007, IF=0.134	2,5
	Machedon Pisu E., Machedon Pisu T., Factors of the influence for hydrogen diffusion in weld metal during MMA process, <i>Metalurgia international</i> , vol. 16, issue: 3, 2011, 39-42, WOS:000287889300010, IF= 0.084	2,5
	Vas A., Luca M., Machedon Pisu T., Considerations regarding the development of modern technologies in plasma cutting metals, <i>Metalurgia international</i> , vol. 16, issue: 3, 2011, 43-48, WOS:000287889300011, IF= 0.084	2,5
	Machedon Pisu T., Research on development of cored wires for welding load abrasive wear resistance and shock moderately strong, <i>Metalurgia international</i> , vol. 16, issue: 3, 2011, 49-53, WOS:000287889300012, IF= 0.084	2,5
	Eftimie L., Influence of the vibrations on the properties of sleeve bearing Al-Sn Alloys, <i>Metalurgia international</i> , vol. 16, issue: 3, 2011, 54-57, WOS:000287889300013, IF= 0.084	2,5
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<b>3.3.1</b>	5	Reviewer Solid State Phenomena, ISSN:1662-9779	5
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		Reviewer Journal of Environmental Management, ISSN: 0301-4797, Impact Factor: 2.723	5

<b>3.3.2</b> Recenzor pentru reviste și manifestări științifice naționale și internaționale indexate BDI	3	Reviewer Advanced Materials Research, ISSN: 1662-8985	3
		Member of the editorial board Bulletin of the Transilvania University of Brasov, Series I, ISSN:2065-2119	15
		Member of the scientific committee Bulletin of the Transilvania University of Brasov, Series I, ISSN:2065-2119	8
		Reviewer Bulletin of the Transilvania University of Brasov, Series I, ISSN:2065-2119	3
		Member of the council Editura Universitatii Transilvania Brasov	8
<b>3.4.1</b> Experiența de management analiza și evaluare în cercetare și/sau învățământ, conducere	4 x ani desfășurare	Coordonator Biroul de relatii cu mediul economic Universitatea Transilvania din Brasov, 1 an	4
<b>3.4.2</b> Experiența de management analiza și evaluare în cercetare și/sau învățământ, membru	2 x ani desfășurare	Membru al Senatului Universității Transilvania din Brașov, 2012-2016, 4 ani	6
		Comisia de autoevaluare din cadrul procesului de evaluare internaționala prin Programul de Evaluare Institutională, 1 an	2
<b>3.6.4.1</b> Membru asociații profesionale internaționale	5	ASM Heat Treating Society	5
<b>3.6.4.2</b> Membru asociații profesionale naționale	3	Asociația de sudură din România	3
		Asociația Română de Turnătorie	3
		Asociația de Tratamente termice și Ingineria suprafețelor	3
<b>3.6.4.2</b> Membru organizații în domeniul educației și cercetării	3	Agenția română de asigurare a calității în învățământul superior	3
		Portalul experților CDI din România	3
<b>Total recunoașterea și impactul activității (min. 60)</b>			<b>188,43</b>

Nr. crt.	Domeniul de activitate	Condiții profesor min.	Realizat
1	Activitatea didactică / profesională (A1)	400	89,12
2	Activitatea de cercetare (A2)	300	508,62
3	Recunoașterea impactului activității (A3)	60	188,43
	<b>TOTAL</b>	<b>400</b>	<b>786,17</b>

24.05.2017

Liana Sanda Baltes