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DEPARTAMENTUL ŞTIINŢA MATERIALELOR
FACULTATEA ŞTIINŢA ŞI INGINERIA MATERIALELOR
UNIVERSITATEA TRANSILVANIA DIN BRAŞOV

FIŞA DE CALCUL
A ÎNDEPLINIRII STANDARDELOR MINIMALE, COMISIA DE INGINERIA MATERIALELOR

(Standarde valabile incepand cu 1.10.2017)

A1. Activitatea didactică şi profesională (CS II – fara restrictii)

Tip Criteriu	Criteriu / Descriere	Formula	Punctaj	Dovada
1.1.1.1	Carti/capitole ca autor internationale			
	titluC:Advanced composites used for thin-walled models fabrication editura:Lambert Academic Publishing isbn:978-3-8454-7241-6 AnAparitie:2018 NrAutori:3 NrPagini:161	161/(2*3)	26.8330	https://www.lap-publishing.com/catalog/details/store/gb/book/978-38454-7241-6/advanced-composites-used-for-thin-walled-models-fabrication
		TOTAL	26.8330	
1.1.1.2	Carti/capitole ca autor nationale			
	titluC:Spumele Metalice Obtinere, Caracterizare, Aplicatii editura:S.C. ALBAŞTRA CASA DE EDITURA S.R.L. isbn:978-973-650-303-0 AnAparitie:2014 NrAutori:5 NrPagini:168 AutorPrincipalCN:false	168/(5*5)	6.7200	
	titluC:Simularea solidificarii pieselor turnate din aliaje care se solidifica in interval de temperatura editura:EDITURA UNIVERSITATII TRANSILVANIA DIN BRASOV isbn:978-606-19-03375-5 AnAparitie:2014 NrAutori:8 NrPagini:170 AutorPrincipalCN:false	170/(5*8)	4.2500	
		TOTAL	10.9700	
	Total realizat criteriul A1: 37.80			

A 2. Activitate de cercetare (conditii CS II – minim 190 puncte)

2.1.1	Articole in reviste cotate ISI			
	Ciobanu, I., & Pop, A. M. (2010). Doctoral theses in the field of casting procesus Simulation revista: Metalurgia International issn:15822214. FI = 0.154	(50*0.154)/ 2	3.8500	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=6&SID=D37F8DBcramZAJLJqMw&page=1&doc=2 WOS:000278729300009
	Pop, M. A. , & Constantinescu, A. (2011). Obtaining technology for thin-wall patterns manufacturing used in foundry and their physico-mechanical properties revista: Metalurgia International issn:15822214 FI = 0.084	(50*0.084)/ 2	2.1000	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=10&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000289606200021
	Pop, M. A. , & Constantinescu, A. (2008). Utilization of composites for shell type patterns manufacturing revista: Metalurgia International issn:15822214. FI = 0.173	(50*0.173)/ 2	4.3250	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=18&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000258493500008
	Apostu, D. E., Pop, M. A. , Constantinescu, A., & Padureanu, I. (2009). Static loading of moulding thin-walled cave patterns manufactured of composite materials. Metalurgia International, 15(10), 89-92. FI = 0.173	(50*0.173)/ 4	2.1620	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=27&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000268551100018
	Pop, M. A. , Apostu, D. E., Constantinescu, A., & Padureanu, I. (2009). The behavior of the thin walled cave shell type patterns of composite materials during moulding by pressing revista: Metalurgia International issn:15822214 . FI = 0.173	(50*0.173)/ 4	2.1620	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=30&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000268551100017
	Hreniuc, L., & Pop, M. A. (2012). Mechanical properties of the composite materials (resin reinforced with glass fibre). Metalurgia International, 17(3), 67. FI = 0.084	(50*0.084)/ 2	2.1000	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=33&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000300597300013
	Pop, M. A. (2012). Determining the optimum number of layers using mathematical modeling for composite materials depending on the resistance to bending. Metalurgia International, 17(9), 42. FI = 0.084	(50*0.084)/ 1	4.2000	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000306248100009
	Staicu, A. R., Iovanas, R., Iovanas, D. M., Pascu, A., & Pop, M. A. (2013). Laser cladding of Ni based CW composite powder. Metalurgia International, 18, 147-150. FI = 0.134	(50*0.134)/ 5	1.3400	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=41&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000315835600032
	M. A, POP. , MOTOC, D. L., Constantinescu, A., GEAMĂN, V., & Alexandru, R. (2013). CTE assessment of various glass fibre reinforced polymer composite architectures. Metalurgia International, 18, 131-134. FI = 0.134	(50*0.134)/ 5	1.3400	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=44&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000315611900026



Coterlici, R. F., Geaman, V., Pop, M. A. , Bedo, T., Radomir, I., Chivu, O. R., ... & Semenescu, A. (2016). Thermal Analysis Studies Regarding the Eco-Composites Based on Jute by Applying Salinity Treatment. REVISTA DE CHIMIE, 67(10), 2049-2052. FI = 1.412	(50*1.412)/ 8	10.0310	https://revistadechimie.ro/pdf/COTERLICI%20R%2010%2016.pdf WOS:000388359900033
Geaman, V., Pop, M. A. , Radomir, I., Bedo, T., Florea, B., Semenescu, A., ... & Gligor, M. A. (2016). Lubrication of High Speed Ball-Bearings Using Polymer Additives. Rev. Chim.(Bucharest), 67(11), 2207. FI = 1.412	(50*1.412)/ 8	10.0310	https://revistadechimie.ro/pdf/GEAMAN%20V%2011%2016.pdf WOS:000388361900016
Zaharia, S. M., Morariu, C. O., Nedelcu, A., & Pop, M. A. (2017). Experimental study of static and fatigue behavior of cfrp-balsa sandwiches under three-point flexural loading. BioResources, 12(2), 2673-2689. FI = 1.321	(50*1.321)/ 4	17.4500	https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_12_2_2673_Zaharia_Static_Fatigue_Behavior WOS:000402883700032
Pop, M. A. , Geaman, V., Radomir, I., Bedo, T., Milosan, I., Semenescu, A., ... & Chivu, O. R. (2017). Effect of Different Solutions on the Handmade Composite Materials. Rev. Chim.(Bucharest), 68, 467. FI = 1.412	(50*1.412)/ 8	10.0310	https://revistadechimie.ro/pdf/7%20POP%20MIHA%20A%203%2017.pdf WOS:000400731900008
Zaharia, S. M., Pop, M. A. , Semenescu, A., Florea, B., & Chivu, O. R. (2017). Mechanical properties and fatigue performances on sandwich structures with CFRP skin and nomex honeycomb core. MATERIALE PLASTICE, 54(1), 67. AutorPrincipal:true FI = 1.248	(50*1.248)/ 5	13.9300	https://revmaterialeplastice.ro/pdf/16%20ZAHARIA%20SEBASTIAN%201%2017.p df WOS:000400629900016
Pop, M. A. , Geaman, V., Radomir, I., & Bedo, T. (2017). Capacity of energy absorption by flick through shock in cooper foams. Journal of Porous Media, 20(5). FI = 1.144	(50*1.144)/ 4	18.6250	http://www.dl.begellhouse.com/journals/49dcde6d4c0809db,6c6bbf067aa529c4,5 d1befde40e8b796.html WOS:000405350900003
Pop, M. A. , Constantinescu, A., & Bobancu, S. (2009). The friction coefficient test between shell-type pattern and loam. Metalurgia International, 14, 127-130. FI = 0.173	(50*0.173)/ 3	2.8830	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=Ge neralSearch&qid=71&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000265001400031
GEAMĂN, V., FRUNZĂ, D., Radomir, I., & Pop, M. A. (2015). Numerical simulation of cyclic extrusion process for aluminum alloy 6060. FI = 0	(50*0)/4	0.0000	https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full2b1_875529.pdf WOS:000417044700016
Zaharia, S. M., Lancea, C., Chicos, L. A., Pop, M. A. , Caputo, G., & Serra, E. (2017). Mechanical properties and corrosion behaviour of 316l stainless steel honeycomb cellular cores manufactured by selective laser melting. Transactions of FAMENA, 41(4), 11-24. FI = 0.797	(50*0.797)/ 6	6.6420	https://hrcak.srce.hr/193652 WOS:000431808800002



Zaharia, S. M., Pop, M. A. , Chicos, L. A., Lancea, C., Semenescu, A., Florea, B., & Chivu, O. R. (2017). An Investigation on the Reliability and Degradation of Polycrystalline Silicon Solar Cells Under Accelerated Corrosion Test. MATERIALE PLASTICE, 54(3), 466. AutorPrincipal:true FI = 1.248	(50*1.248)/ 7	9.9500	https://revmaterialeplastice.ro/pdf/12%20ZAHARIA%20S%203%2017.pdf WOS:000426412300012
Pop, M. A. , Geaman, V., Radomir, I., Bedo, T., Milosan, I., Zaharia, S. M., ... & Chivu, O. R. (2017). The Degradation Effects to Hand Made Composite Materials by Using Acids. MATERIALE PLASTICE, 54(3), 433. FI = 1.248	(50*1.248)/ 9	7.7390	https://revmaterialeplastice.ro/pdf/6%20POP%20M.%203%2017.pdf WOS:000426412300006
Zaharia, S. M., Morariu, C. O., & Pop, M. A. (2018). A comparative study about static and fatigue behaviour on sandwich structures with different types of glass fiber reinforced polymer skins and nomex honeycomb core. REVISTA ROMANA DE MATERIALE- ROMANIAN JOURNAL OF MATERIALS, 48(1), 91-100. FI = 0.661	(50*0.661)/ 3	11.0170	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=89&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000429213900014
Lancea, C., Chicos, L. A., Zaharia, S. M., Pop, M. A. , Semenescu, A., Florea, B., & Chivu, O. R. (2018). Accelerated corrosion analysis of AISi10Mg alloy manufactured by selective laser melting (SLM). Rev. Chim.-Buchar., 69, 975-981. AutorPrincipal:true. FI = 1.412	(50*1.412)/ 7	11.4640	https://revistadechimie.ro/pdf/46%20LANCEA%204%2018.pdf WOS:000433223000046
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I. C., Pop, M. A. , ... & Pascu, A. (2018). Surface properties of thermally treated composite wood panels. Applied Surface Science, 438, 114-126. FI = 4.439	(50*4.439)/ 9	28.6390	https://www.sciencedirect.com/science/article/pii/S0169433217325692 WOS:000425731200013
Milosan, I., Flamant, GILLES, Voiculescu, IONELIA, Geanta, VICTOR, Munteanu, DANIEL, Bedo, T., Pop, M.A.... & Giacomelli, I. (2018). Comparative Study of Heat Treatment Effects Performed with Solar Energy and Electric Furnace on EN 1.4848 Stainless Steel Alloyed with Co, W, Cu and Mo. REVISTA DE CHIMIE (Bucharest), 69(5), 1050-1054. FI = 1.412	(50*1.412)/ 15	5.3500	https://revistadechimie.ro/pdf/4%20MILOSAN%205%2018.pdf WOS:000434954100004
Croitoru, C., Spirchez, C., Cristea, D., Lunguleasa, A., Pop, M. A. , Bedo, T., ... & Luca, M. A. (2018). Calcium carbonate and wood reinforced hybrid PVC composites. Journal of Applied Polymer Science, 135(22), 46317. FI = 1.901	(50*1.901)/ 8	13.6750	https://onlinelibrary.wiley.com/doi/abs/10.1002/app.46317 WOS:000426508700017



Chicos, L. A., Zaharia, S. M., Lancea, C., Pop, M. A. , Cañadas, I., Rodríguez, J., & Galindo, J. (2018). Concentrated solar energy used for heat treatment of Ti6Al4V alloy manufactured by selective laser melting. Solar Energy, 173, 76-88. FI = 4.374	(50*4.374)/ 7	33.3860	https://www.sciencedirect.com/science/article/pii/S0038092X18307333 WOS:000452940800007
Tiron, E. L., Crisan, A., Bedő, T., Stoicanescu, M., Pop, M. A., & Cristea, D. (2018). The Influence of Galvanizing Parameters on the Structural Development of Zn-Al-Based Coatings. Journal of Materials Engineering and Performance, 27(9), 4548-4560. FI = 1.34	(50*1.34)/6	12.3000	https://link.springer.com/article/10.1007/s11665-018-3555-8 WOS:000443966400018
Pop, M. A. , Croitoru, C., Bedő, T., Geamăn, V., Radomir, I., Cosnită, M., ... & Milosan, I. (2019). Structural changes during 3D printing of bioderived and synthetic thermoplastic materials. Journal of Applied Polymer Science, 136(17), 47382. FI = 1.901	(50*1.901)/ 9	12.1560	https://link.springer.com/article/10.1007/s11665-018-3555-8 WOS:000456861100001
Milosan, I., Varga, B., Bedo, T., Pop, M. A. , Balat-Pichelin, M., Luca-Motoc, D., & Stoicanescu, M. (2019). Thermal processing and thermal analysis of AlSi12–SiC hybrid composites sintered. Journal of Thermal Analysis and Calorimetry, 138(4), 2937-2944. FI = 2.471	(50*2.471)/ 7	17.6500	https://link.springer.com/article/10.1007/s10973-019-08567-0 WOS:000499703500052
Yuan, Z., Peng, T., An, D., Cristea, D., & Pop, M. A. (2019). Rolling bearing fault diagnosis based on adaptive smooth ITD and MF-DFA method. Journal of Low Frequency Noise, Vibration and Active Control, 1461348419867012. FI = 0	(50*0)/5	0.0000	https://journals.sagepub.com/doi/full/10.1177/1461348419867012 WOS:000480051500001
Chicos, L. A., Campbell, I., Zaharia, S. M., Pop, M. A. , Lancea, C., Semenescu, A., ... & Chivu, O. R. (2019). Experimental and Finite Element Analysis of the Open-Cells Porous Materials Subjected to Compression Mechanical Loading. MATERIALE PLASTICE, 56(2), 421. AutorPrincipal:true FI = 1.393	(50*1.393)/ 8	8.7060	https://revmaterialeplastice.ro/pdf/26%20CHICOS%202%2019.pdf WOS:000476641000026
Bedo, T., Varga, B., Cristea, D., Nitoi, A., Gatto, A., Bassoli, E., ... & Pop, M. A. (2019). Metastable Al–Si–Ni Alloys for Additive Manufacturing: Structural Stability and Energy Release during Heating. Metals, 9(5), 483. FI = 2.259	(50*2.259)/ 15	7.5300	https://www.mdpi.com/2075-4701/9/5/483 WOS:000478818700002
Gabor, C., Cristea, D., Velicu, I. L., Bedo, T., Gatto, A., Bassoli, E., ... & Codescu, M. M. (2019). Ti–Zr–Si–Nb Nanocrystalline Alloys and Metallic Glasses: Assessment on the Structure, Thermal Stability, Corrosion and Mechanical Properties. Materials, 12(9), 1551. AutorPrincipal:true FI = 2.972	(50*2.972)/ 18	8.2550	https://www.mdpi.com/1996-1944/12/9/1551 WOS:000469757500192



	Milosan, I., Cristea, D., Voiculescu, I., Pop, M. A. , Balat-Pichelin, M., Predescu, A. M., ... & Gabor, C. (2019). Characterisation of EN 1.4136 stainless steel heat-treated in solar furnace. The International Journal of Advanced Manufacturing Technology, 101(9-12), 2955-2964. FI = 2.496	(50*2.496)/14	8.9140	https://link.springer.com/article/10.1007/s00170-018-3153-9 WOS:000463669500060
	Stoicanescu, M., Crisan, A., Milosan, I., Pop, M. A. , GARCIA, J. R., Giacomelli, I., ... & Chivu, O. R. (2019). Heat Treatment of Steel 1.1730 with Concentrated Solar Energy. MATERIALE PLASTICE, 56(1), 261-270. AutorPrincipal:true FI = 1.393	(50*1.393)/11	6.3310	https://revmaterialeplastice.ro/pdf/52%20STOICANESCU%201%2019.pdf WOS:000464604100052
	Ghiuta, I., Gatto, A., Bassoli, E., Munteanu, S. I., Bedo, T., Pop, M. A. , ... & Varga, B. (2018). The Influence of Powder Particle and Grain Size on Parts Manufacturing by Powder Bed Fusion. In Materials Science Forum(Vol.941, pp.1585-1590).Trans Tech Publications Ltd. FI = 0.399	(50*0.399)/12	1.6620	https://www.scientific.net/MSF.941.1585 WOS:000468152500263
	Milosan, I., Florescu, M., Cristea, D., Voiculescu, I., Pop, M. A., Cañadas, I., ... & Bedo, T. (2020). Evaluation of Heat-Treated AISI 316 Stainless Steel in Solar Furnaces to Be Used as Possible Implant Material. Materials, 13(3), 581. FI = 2.972	(50*2.972)/9	16.5110	https://www.mdpi.com/1996-1944/13/3/581 WOS:000515503100088
	Croitoru, C., Pop, M. A. , Bedo, T., Cosnita, M., Roata, I. C., & Hulka, I. (2020). Physically crosslinked poly (vinyl alcohol)/kappa-carrageenan hydrogels: Structure and applications. Polymers, 12(3), 560. AutorPrincipal:true FI = 3.164	(50*3.164)/6	26.3660	https://www.mdpi.com/2073-4360/12/3/560 WOS:000525952000059
	TOTAL		360.8030	
2.1.2	Articole indexate ISI Proceeding			
	Pop, M. A. , & Constantinescu, A. (2011). Comparative study between the behaviour of composite resin reinforced with glass fibre. Mechanical properties. Proceedings of ModTech, 201(1), 889-893.	(50*0.1/2)	2.5000	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=152&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000392260500223
	Pop, M. A. , Monescu, V., & Constantinescu, A. (2012). Modelling and optimizing the resistance to traction of reinforced resin type composite materials. In Proceedigs of ModTech International Conference-New face of TMCR (pp. 785-788).	(50*0.1/3)	1.6660	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=155&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000392261800197
	Pop, M. A. , Monescu, V., & Constantinescu, A. (2012). Modelling and optimizing the resistance to bending of reinforced resin type composite materials. In Proceeding of ModTech International Conference-New face of TMCR (pp. 781-784).	(50*0.1/3)	1.6660	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=159&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000392261800196



Lancea, C., Chicos, L. A., Zaharia, S. M., & Pop, M. A. (2017). Microstructure and micro-hardness analyses of titanium alloy Ti-6Al-4V parts manufactured by selective laser melting. In MATEC Web of Conferences (Vol. 94, p. 03009). EDP Sciences.	(50*0.1/4)	1.2500	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=163&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000393034000039
Roata, I. C., Pascu, A., Croitoru, C., Stanciu, E. M., & Pop, M. A. (2017, June). Thermal Spraying of CuAlFe Powder on Cu5Sn Alloy. In IOP Conference Series: Materials Science and Engineering (Vol. 209, No. 1, p. 012042). IOP Publishing.	(50*0.1/5)	1.0000	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=166&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000423732100042
Munteanu Daniel, Bedo Tibor, Pop Mihai Alin , Milosan Ioan, Gabor Camelia, Ghiuta Ioana, Munteanu Sorin, Cristea Dan (2018) Influential parameters on the inductive quenching technology for large bearing rings revista: TANGER Ltd conferinta:27TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS (METAL 2018)	(50*0.1/8)	0.6250	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=172&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000461832200124
Nitoi, A., Bedo, T., Varga, B., Pop, M. A. , & Munteanu, D. (2019). Microstructure, phase transformations and properties' evaluation of Al-Si-Ni metastable alloys. Materials Today: Proceedings, 19, 1091-1098.	(50*0.1/5)	1.0000	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=175&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000496428200026
Matei, S., Varga, B., Bedo, T., Pop, M. A. , Stoicanescu, M., & Crisan, A. (2019). Composites with clay and bentonite matrix: a study of the certain materials behavior for ceramic composites. Materials Today: Proceedings, 19, 1041-1050.	(50*0.1/6)	0.8330	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=178&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000496428200020
Bedo, T., Munteanu, S. I., Popescu, I., Chiriac, A., Pop, M. A. , Milosan, I., & Munteanu, D. (2019). Method for translating 3D bone defects into personalized implants made by Additive Manufacturing. Materials Today: Proceedings, 19, 1032-1040.	(50*0.1/7)	0.7140	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=181&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000496428200019
Munteanu, S., Munteanu, D., Gheorghiu, B., Bedo, T., Gabor, C., Cremascoli, P., ... & Pop, M. A. (2019). Additively manufactured femoral stem topology optimization: case study. Materials Today: Proceedings, 19, 1019-1025.	(50*0.1/8)	0.6250	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=184&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000496428200017
Merulla, A., Gatto, A., Bassoli, E., Munteanu, S. I., Gheorghiu, B., Pop, M. A. , ... & Munteanu, D. (2019). Weight reduction by topology optimization of an engine subframe mount, designed for additive manufacturing production. Materials Today: Proceedings, 19, 1014-1018.	(50*0.1/8)	0.6250	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=187&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000496428200016



	Gabor, C., Pop, M. A. , Magli, D., Bedo, T., Munteanu, S. I., & Munteanu, D. (2019). The optimization of the production procedure in relation to the mechanical properties of additively manufactured parts. Materials Today: Proceedings, 19, 1008-1013.	(50*0.1/6)	0.8330	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=190&SID=D37F8DBcramZAJLJqMw&page=1&doc=1 WOS:000496428200015
		TOTAL	13.3370	
2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale			
	titlu_art:Ni-2AI-CLADDING BY ELECTRIC ARC WIRE THERMAL SPRAYING revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2013 Autori:3	(50*0.08/3)	1.3330	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&asa=Y&AN=89369892&h=2VAz2t6Yg2KEotTpT00YfhzNkNrIHRmow566ed1X8Hf7Cf2SPWZSpSDdile1ZD9VwkW0cmb%2fXT1Dvo9PP9sAfA%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26asa%3dY%26AN%3d89369892
	titlu_art:APPLICATION OF NATURAL FIBER COMPOSITES IN AUTOMOTIVE INDUSTRY revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2014 Autori:4	(50*0.08/4)	1.0000	http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&AN=95923177&h=97dGz%2bm3UWCv%2br91HcQZJ7a6qBdUfcQnHYD33C413i6xFm%2blt%2bOIZw79HhFVDD%2bSrALnMKt4FVInj7oCaMFdPA%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26AN%3d95923177
	Ni-5AI - CLADDING BY THERMAL ARC SPRAYING revista:International Journal of Modern Manufacturing Technologies BDI:Google Scholar issn: 2067-3604 AnAparitie:2014 Autori:4	(50*0.08/4)	1.0000	http://modtech.ro
	titlu_art:TEHNOLOGII DE OBTINERE A MODELELOR CAVE TIP COAJĂ PENTRU CONFECTIONAREA FORMELOR DE TURNARE revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2008 Autori:2	(50*0.08/2)	2.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&AN=34130529&h=nE75OYIz43wRQezuOJZcG4708%2bU5W7uBIT5bxZKgg7jmhAz8gjUgGQZ7xhoTSI9pLEpliWZVJ7g%2bsvI9FXcdw%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26AN%3d34130529
	titlu_art:UTILIZAREA MATERIALELOR COMPOZITE LA CONFECTIONAREA MODELELOR CAVE PENTRU FORMARE-TURNARE revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2008 Autori:2	(50*0.08/2)	2.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&asa=Y&AN=34130542&h=odu6%2bll4P3z8xOG30%2fFX2SKZwTkELVn7cODJLCExiWsyQudrldXD0gMHDWlrLRfsmYmIWO%2bcx8O7NHpR1GA%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26asa%3dY%26AN%3d34130542

titlu_art:Static Loading of Moulding Thin-Walled Cave Patterns Manufactured of Composite Materials revista:Metallurgiya BDI:Google Scholar issn:0461-9579 AnAparitie:2009 Autori:3	(50*0.08/3)	1.3330	https://scholar.google.ro/scholar?q=Thin+walled+cave+patterns+of+composite+materials&btnG=&hl=ro&as_sdt=0%2C5&as_ylo=2004&as_yhi=2015
titlu_art:CALCULUL DEFORMAȚIEI MAXIME A MODELELOR DE FORMARE TIP COAJĂ CU AJUTORUL SOFT-ULUI MATLAB revista:Metallurgiya BDI:Google Scholar issn:0461-9579 AnAparitie:2009 Autori:3	(50*0.08/3)	1.3330	http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&AN=44306702&h=6H%2fq5%2fpH1Dlz8ghf48FcgruGjP%2bDHO4YgJhej9acODQvM4i2fj4Ubqq6nkaxWYwuHZv4wqfCgbfzbnrlPAoO0w%3d%3d&crl=c&resultLocal=ErrCrNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26AN%3d44306702
titlu_art:MODELE CAVE CU PERETI SUBTIRI DIN MATERIALE COMPOZITE. INCARCAREA STATICA revista:Metallurgiya BDI:Google Scholar issn:0461-9579 AnAparitie:2009 Autori:3	(50*0.08/3)	1.3330	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&AN=45468119&h=z0BvnpocNPuTsNvOu9yDq8fVQNTRawYe91mVgOCw65dT9aq5d2TYMSZPClb5re4y7wJVNmfcvEbjXrZkqLEK%2fw%3d%3d&crl=c&resultLocal=ErrCrNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26AN%3d45468119
titlu_art:PROBLEMS ENCOUNTERED WITH MICROWAVE SINTERING OF COPPER BASED METAL MATRIX COMPOSITES revista:Metallurgiya BDI:Google Scholar issn:0461-9579 AnAparitie:2013 Autori:3	(50*0.08/3)	1.3330	http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&AN=92685210&h=NjO9suAkqFxmTrO%2f88qtKFoTbx32HU%2fvDzJnyw1XkAY4Bg%2fv m8UI6Udi%2f9RPIGvNmp4oKCYBDKr5UGqsQRhTrA%3d%3d&crl=c&resultLocal=ErrCrNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26AN%3d92685210
titlu_art: ALUMINUM AND NICKEL FOAMS FOR AUTOMOTIVE POTENTIAL APPLICATIONS revista:Metallurgiya BDI:Google Scholar issn:0461-9579 AnAparitie:2012 Autori:4	(50*0.08/4)	1.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&AN=71842939&h=EqZydtNo2bvRzpJaDN3j5O4TwEMGaSXpoATD8Y%2bkvENxVnWzugpHkp7XUQO4YC66BTJAUvRx50LLr%2bBXMOPJ%2fA%3d%3d&crl=c&resultLocal=ErrCrNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26AN%3d71842939
titlu_art:FLOWFORMING TECHNIQUE APPLIED TO CENTRIFUGAL SEPARATORS revista:Metallurgiya BDI:Google Scholar issn:0461-9579 AnAparitie:2012 Autori:2	(50*0.08/2)	2.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&AN=79932291&h=CVESebhVdb1ve82EJyAP0xm2grskejTnKKhLPQcK7GmhghggzsbKDa7jUiC06lwZ94Faqx4zwO1VGHkFuFpiQ%3d%3d&crl=c&resultLocal=ErrCrNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26AN%3d79932291



	titlu_art:SPARK PLASMA SINTERING OF NOVEL COPPER BASED METAL MATRIX COMPOSITES revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2013 Autori:4	(50*0.08/4)	1.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&asa=Y&AN=90554796&h=K5BatgYLZSwVlrGZngsO%2f5me%2f6wydF%2ftlNJQ4qSLd8anFMRWe1eobYOaJLjNLcPUfYU%2bVsHjNQ%2fR3uBd5o%2b8w%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26asa%3dY%26AN%3d90554796
	titlu_art:NEW COMPOSITE MATERIALS WITH HIGH POTENTIAL IN FOUNDRY revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2013 Autori:3	(50*0.08/3)	1.3330	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&AN=89369894&h=TQxYsA3XWrFjWD5f4D67q46XXx7lyCqCpbWM7jTqtG4sPB4D4VIKVNtQgUI6uWtYJg3pUlkCW4JMF5euepTsQ%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26AN%3d89369894
	titlu_art:COMPOSITE MATERIALS OBTAINED FROM RESIN REINFORCED WITH GLASS FIBRE: OBTAINING TECHNOLOGY AND MECHANICAL PROPERTIES revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2011 Autori:3	(50*0.08/3)	1.3330	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&AN=65648911&h=vU1lln%2fxSAwHsQpwAqhb7%2bmn%2bOwtCNDG1xVFaBRyIECO9TchP%2ff%2buPfwRRqL%2fZoJAY09eL2QkfNMWVYstBaFjg%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26AN%3d65648911
	titlu_art:DETERMINATION OF MATERIAL PROPERTIES FOR THIN-WALLED COMPOSITE RESIN REINFORCED WITH GLASS FIBER revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2010 Autori:2	(50*0.08/2)	2.0000	https://scholar.google.ro/scholar?start=0&q=Pop+Mihai+Alin&hl=ro&as_sdt=0,5&as_ylo=2004&as_yhi=2015
	titlu_art:MICROSTRUCTURES OF ATSi5Cu ALUMINUM ALLOY PROCESSED BY ACCUMULATIVE ROLL-BONDING revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2012 Autori:2	(50*0.08/2)	2.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=04619579&asa=Y&AN=78295244&h=L3to9VeXdxlXkSDNf7MKtEbxoFLQyXwNcRCR0BJkK62xKfWblmCMdZkzL3u6DCfGloqNw4mf2%2bDTvG%2b8dAtLQA%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d04619579%26asa%3dY%26AN%3d78295244
	titlu_art:CHARACTERIZATION AND UTILIZATION OF COMPOSITE MATERIALS IN FOUNDRIES revista:Metallurgia BDI:Google Scholar issn:0461-9579 AnAparitie:2011 Autori:2	(50*0.08/2)	2.0000	https://search.proquest.com/central/docview/922364782?pq-origsite=gscholar
	titlu_art:Cold Metal Transfer Welding of Aluminum 5456 Thin Sheets revista:Advanced Materials Research BDI:Google Scholar issn:1022-6680 AnAparitie:2014 Autori:4	(50*0.08/4)	1.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=16628985&asa=Y&AN=99414169&h=UgCkChITHUZ1w%2b13y98p2eQ4Sqli1VJPlmxfzvv9VQsWUueOkuj6WA5pG9xllMI2JzILANe6vtLspHiXZFRQ%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16628985%26asa%3dY%26AN%3d99414169



	titlu_art:Weldability of Magnesium and Aluminum Alloys Using Nd-Yag Laser revista:Advanced Materials Research BDI:Google Scholar issn:1022-6680 AnAparitie:2014 Autori:3	(50*0.08/3)	1.3330	http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=16628985&asa=Y&AN=99414154&h=1bLdEuMtMMG59FPnLsG2%2brxmJjku9eDS4BjNTF8o9yZqYe6tye4%2f6Oefr2QUbhBr7hF6lq2x9fXqCFJwVrKv6Q%3d%3d&cr=c&resultLocal=ErrCrINoResults&resultNs=Ehost&crhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16628985%26asa%3dY%26AN%3d99414154
	titlu_art:CYCLIC BENDING OF VARIOUS GLASS FIBRES REINFORCED WITH POLYMER COMPOSITE ARCHITECTURES revista:European Scientific Journal (ESJ) BDI:Google Scholar issn:1857 - 7881 AnAparitie:2014 Autori:5	(50*0.08/5)	0.8000	https://scholar.google.ro/scholar?q=CYCLIC+BENDING+OF+VARIOUS+GLASS+FIBRES+REINFORCED+WITH+POLYMER+COMPOSITE+ARCHITECTURES+&btnG=&hl=ro&as_sdt=0%2C5
	titlu_art:TRIBOLOGICAL PROPERTIES OF THERMAL SPRAY COATINGS revista:European Scientific Journal (ESJ) BDI:Google Scholar issn:1857 - 7881 AnAparitie:2014 Autori:4	(50*0.08/4)	1.0000	https://scholar.google.ro/scholar?q=TRIBOLOGICAL+PROPERTIES+OF+THERMAL+SPRAY+COATINGS+&btnG=&hl=ro&as_sdt=0%2C5
	titlu_art:Some Considerations Regarding Micro Hardness of Parts Manufactured from 316-L Steel Using SLM Technology revista:Applied Mechanics and Materials Vol. 760 BDI:Google Scholar issn:1662-7482 AnAparitie:2015 Autori:4	(50*0.08/4)	1.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=16627482&asa=Y&AN=102817017&h=mda7lhbBxoW7rV4xdOBKZ1lz1AM6mqw%2b1fxXtFU8p22c3FrLL7BVd9PNMoGvEken8oBkRagAHKS7T21wG8P%2fww%3d%3d&cr=c&resultLocal=ErrCrINoResults&resultNs=Ehost&crhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16627482%26asa%3dY%26AN%3d102817017
	titlu_art:Aspects Regarding the Characterization of the Gouged Surface revista: Advanced Materials Research BDI:http://www.scientific.net/AMR.1128.217 issn:1662-8985 AnAparitie:2015 Autori:4	(50*0.08/4)	1.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=16628985&AN=110787986&h=Yt3d%2feWBcgwJR%2bjf6%2foKaxAvraGqIOM2Drcj3LomWGpN2%2fnyCHnZajWdPyKwXeqIP4ki6DwGPvPwad%2fm%2b%2fVI%2fQ%3d%3d&cr=c&resultLocal=ErrCrINoResults&resultNs=Ehost&crhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16628985%26AN%3d110787986
	titlu_art:Influence of Layer Thickness on Internal Structure of Parts Manufactured from 316-L Steel Using SLM Technology revista:Applied Mechanics and Materials BDI:https://scholar.google.ro/scholar?q=Pop+Mihai+Alin&btnG=&hl=ro&as_sdt=0%2C5&as_ylo=2015 issn:1662-7482 AnAparitie:2015 Autori:4	(50*0.08/4)	1.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=16627482&asa=Y&AN=111214799&h=YR5V%2bHecSwFoNfZdb0Hp4%2ft6FCqGxlhwVZWqKMX3ST2mpA65W318Q5riAA4BUCuJy%2fXK0rAhWkOi6llx5r3E6A%3d%3d&cr=c&resultLocal=ErrCrINoResults&resultNs=Ehost&crhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16627482%26asa%3dY%26AN%3d111214799



titlu_art:Influence of Functional and Construction Parameters over Sieving Process - Rotary Cylindrical Sieve revista:Advanced Materials Research BDI:https://scholar.google.ro/scholar?q=Pop+Mihai+Alin&am p;btnG=&hl=ro&as_sdt=0%2C5&as_ylo=2015 issn:1022-6680 AnAparitie:2015 Autori:3	(50*0.08/3)	1.3330	http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=16628985&AN=110788003&h=HmNLOZkDuTqhg1%2bKab9709VdMI%2fipc0x1E5rmhMChdQxlet8LAjtTbtImYVPPKIEff5IWTk40nNf3zPVTCUdxg%3d%3d&crl=c&resultLocal=ErrCrI NoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16628985%26AN%3d110788003
titlu_art:Pores Size Influence on the Permeability for Copper Foams revista:Advanced Materials Research BDI:https://scholar.google.ro/scholar?q=Pop+Mihai+Alin&am p;btnG=&hl=ro&as_sdt=0%2C5&as_ylo=2015 issn:1022-6680 AnAparitie:2015 Autori:4	(50*0.08/4)	1.0000	http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=16628985&AN=110787959&h=YLXTmGFRSB0tPzJIGTcKh9lZE5z%2b5G9HkHxG6BI%2bk2f3lmZu hJ0TWFJCNkXPBq%2bf7n62ORoAXeXc3eiw7kAQ%3d%3d&crl=c&resultLocal=ErrCrI NoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26pr ofile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16628985%26AN%3d110787959
titlu_art:Green Composites based on Kenaf Fibers revista:Advanced Engineering Forum BDI:https://scholar.google.ro/scholar?q=Pop+Mihai+Alin&am p;btnG=&hl=ro&as_sdt=0%2C5&as_ylo=2015 issn:2234-991X AnAparitie:2015 Autori:4	(50*0.08/4)	1.0000	http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=2234991X&AN=103537100&h=f27bhny5vVRAJ14SJNNkzCJesMMmUndTsUNepqAxERFFFWelxP 2hR5GzdQaaXmidEJHfN%2biyfKqMFnSnWFVWvA%3d%3d&crl=c&resultLocal=ErrCrI NoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26prof ile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d2234991X%26AN%3d103537100
titlu_art:Aspects Regarding the Achievement of Vertical Welding Joints revista:Advanced Materials Research BDI:https://scholar.google.ro/scholar?q=Pop+Mihai+Alin&am p;btnG=&hl=ro&as_sdt=0%2C5&as_ylo=2015 issn:1022-6680 AnAparitie:2015 Autori:4	(50*0.08/4)	1.0000	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=16628985&AN=110787991&h=NUNpmuE0XXBHI3UdeqFH9BASnegJ9tsu4vjVI9V0gP5XfKRXogUC zN4c1lr0D8jTeqXIQIQ0jFJ7ut6RNL8pRA%3d%3d&crl=c&resultLocal=ErrCrI NoRe sults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehos t%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16628985%26AN%3d110 787991
titlu_art:THEORETICAL ANALYSIS REGARDING THE ASYMMETRICAL FLUID FLOW APPLIED TO HELICOPTER AERODYNAMICS revista:Advanced Materials Research	(50*0.08/4)	1.0000	https://www.scientific.net/AMR.1128.364
titlu_art:Liquid Hot Isostatic Processing Applied to AtSi5Cu1 Aluminum Alloy revista:RECENT, Vol. 17, no. 2(48), July, 2016 BDI:Google Scholar issn:1582-0246 AnAparitie:2016 Autori:3	(50*0.08/3)	1.3330	https://scholar.google.ro/scholar?q=Liquid+Hot+Isostatic+Processing+Applied+to+AtSi5Cu1+Aluminum+Alloy&hl=ro&as_sdt=0,5
titlu_art:Thixoforming and Powder Metallurgy-A Comparative Study and Practical Case revista:Thixoforming and Powder Metallurgy-A Comparative Study and Practical Case AnAparitie:2017 Autori:4	(50*0.08/4)	1.0000	https://scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=Thixoforming+and+ Powder+Metallurgy- A+Comparative+Study+and+Practical+Case+revista%3AThixoforming+and+Powd er+Metallurgy-A+Comparative+Study+and+Practical+Case&btnG=



	titlu_art:THE INFLUENCE OF INDUCTION HARDENING PROCESS PARAMETERS ON THE PROPERTIES OF 50CrMo4 STEEL revista:Bulletin of the Transilvania University of Brasov, Series I: Engineering	(50*0.08/7)	0.5710	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=20652119&AN=127568459&h=%2bBgpcsyrtq%2btaY7bvGLaX8DQKgYmc78KhvHTylq5aOe0tMebLSUfuMw4szAxNTiQ%2frDiU7j6tcxHhzJ5DuuMGw%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d20652119%26AN%3d127568459
	titlu_art:The Influence of Powder Particle and Grain Size on Parts Manufacturing by Powder Bed Fusion revista:Materials Science Forum	(50*0.08/12)	0.3330	http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=16629752&AN=133951156&h=KXGsUiS8aephBQlvbsKd2Q4U5nrtzab5%2fE5WewH0V4%2fWopBsRKFss7%2b4fPXnA9lhARzuLkcrODEOVTUk8IHLqQ%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16629752%2
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2.3.2.1.	Brevete nationale neindexate			
	titluB:Model de formare realizat din materiale compozite multistrat si procedeu de realizare a acestuia nrB:CBI (15/3) A/00331/29.04.13 (BI RO 128812) AnAparitie:2013 nrAutori:3	15/3	5.0000	RO 128812/28.04.2013 nr depozit a2013 00331.
		TOTAL	5.0000	
2.4.1.1	Granturi/proiecte internationale castigate prin competitie			
	titlu:Solar sintering of parts with controlled cellular morphology architecture made in moulds obtained by 3D printing finantator:Horizon 2020 Research and Innovation Programme nrctr:823802 perioada:20202020 Valoaregrant:3500 anidesfasurare:1	20*1	20.0000	
		Total	20.000	
2.4.1.2	Granturi/proiecte nationale castigate prin competitie			
	titlu:Fabricarea asistata 3D a unor structuri eco-compozite hibride Valoaregrant:22500 finantator:Universitatea 5*3 Transilvania din Brasov nrctr:8035/14.07.2017 perioada:20172020 anidesfasurare:3	5*3	15.0000	
		TOTAL	15.0000	
2.4.2.1	Membru in echipe internationale			
	titlu:Researches regarding the influence of the heat treatments with solar energy over the wear resistant steels properties perioada:20162016 anidesfasurare:1	4*1	4.0000	https://sfera2.sollab.eu/access/access_selected
	titlu:Research on solar aided sintering (Al-12Si/Gr/SiC) hybrid composites for automotive industry perioada:20172017 anidesfasurare:1	4*1	4.0000	https://sfera2.sollab.eu/access/access_selected



	titlu:Solar-assisted treating of some new stainless steels for biomedical applications perioada:20172017 anidesfasurare:1	4*1	4.0000	https://sfera2.sollab.eu/access/access_selected
	titlu:Driving up Reliability and Efficiency of Additive Manufacturing – DREAM_H2020_Grant Agreement nr. 723699 perioada:20162019 anidesfasurare:3	4*3	12.0000	http://www.dream-euproject.eu/
	titlu:Improvement of corrosion and thermal resistance by thermal cladding of Ni-based coating on copper perioada:20132013 anidesfasurare:1	4*1	4.0000	http://sfera.sollab.eu/index.php?page=access_selected
	titlu:IMPROVEMENT OF ELECTRIC CONTACTS CORROSION RESISTANCE perioada:20142014 anidesfasurare:1	4*1	4.0000	https://sfera2.sollab.eu/access/access_selected
		TOTAL	32.0000	
2.4.2.2	Membru in echipa nationale			
	titlu:Cercetari privind materiale si tehnologii utilizate in realizarea prototipurilor pentru industria de automobile perioada:20142015 finantator:SC DRAXLMAIER SISTEME TEHNICE ROMANIA nrctr:86674 anidesfasurare:2	2*2	4.0000	
	titlu:Cercetări privind stabilirea cauzelor apariției neomogenităților structurale în vederea diminuării/eliminării 2*2 lor în produsele din ATSi7Mg0.3 de tip bară perioada:20142015 finantator:ALRO Slatina nrctr:9957 anidesfasurare:2		4.0000	
	titlu:Cercetari privind stabilirea cauzelor aparitiei neomogenitatilor structurale in vederea diminuarii/eliminarii lor in produsele din ATSi7 Mg0.3 de tip bara perioada:20142015 finantator:ALRO Slatina nrctr:Contract 9957/27.08.2014 anidesfasurare:2	2*2	4.0000	
	titlu:Cercetari privind materiale si tehnologii utilizate in realizarea prototipurilor pentru industria de automobile perioada:20142016 finantator:SC DTR Draxlmaier Sisteme Tehnice Romania SRL nrctr:16580 -17.12.2014 anidesfasurare:2	2*2	4.0000	
	titlu:Prototipare set cleme siguranta perioada:20152015 finantator:SC DTR Tata Technologies SRL nrctr:7210/24.06.2015 anidesfasurare:1	2*1	2.0000	



titlu:Prototipare profil izolator plastic -nr.ctr.: 5878/21.05.2015 perioada:20152015 finantator:SC DTR Tata Technologies SRL nrctr:5878/21.05.2015 anidesfasurare:1	2*1	2.0000	
titlu:Prototipare profil izolator plastic - nr.ctr.:4448/17.04.2015 perioada:20152015 finantator:SC DTR Tata Technologies SRL nrctr:4448/17.04.2015 anidesfasurare:1	2*1	2.0000	
titlu:Prototipare carcasa si rotor perioada:20152015 finantator:SC DTR Tata Technologies SRL nrctr:16660/17.12.2015 anidesfasurare:1	2*1	2.0000	
titlu:Cercetari privind realizarea unor repere prototip direct din modele CAD perioada:20152016 finantator:SC 2*2 DTR Tata Technologies SRL nrctr:16722/17.12.2015 anidesfasurare:2		4.0000	
titlu:Optimizing the inductive quenching eco-technology for large bearing rings perioada:20162018 finantator:UEFISCDI nrctr:100BG/2016 anidesfasurare:2	2*2	4.0000	PN-III-CERC-CO-BG-2016
titlu:Determinarea comportamentului termic, termo-reologic si a densitatii deseurilor de poliolefine perioada:20162016 finantator:10520/09.09.2016 nrctr:10520/09.09.2016 anidesfasurare:1	2*1	2.0000	
titlu:Cercetari privind fabricarea rapida in ingineria industriala perioada:20162016 finantator:15934/14.11.2016 2*1 nrctr:15934/14.11.2016 anidesfasurare:1		2.0000	
titlu:Studii si analize: analiza microstructura - 10 probe; Testari: determinare compozitie chimica - 2 probe perioada:20162016 finantator:STABILUS Romania S.R.L. nrctr:5938/31.05.2016 anidesfasurare:1	2*1	2.0000	
titlu:Analiza chimica si determinare duritate perioada:20162016 finantator:Continental Powertrain România nrctr:3573/29.03.2016 anidesfasurare:1	2*1	2.0000	
titlu:Servicii de cercetare industiala structura suprafata implant : caracteristici mecanice perioada:20172018 finantator:Dentix Milenium SRL nrctr:144/09.01.2017 anidesfasurare:2	2*2	4.0000	
titlu:NOI METODOLOGII DE DIAGNOSTICARE SI TRATAMENT: PROVOCARI ACTUALE SI SOLUTII TEHNOLOGICE BAZATE PE NANOMATERIALE SI BIOMATERIALE – Acronim: SANOMAT perioada:20182020 finantator:PN III nrctr:PCCDI-2017-0062 anidesfasurare:2	2*2	4.0000	



titlu:Studiul asupra factorilor de influenta a grosimii de strat de lac perioada:20172019 finantator:S.C. QUIN ROMANIA S.R.L. nrctr:13050 din 13.10.2017 anidesfasurare:2	2*2	4.0000	
titlu:Prototipare: Garnitura perioada:20182018 finantator:NAMORADA DESIGN nrctr:9733/31.07.2018 anidesfasurare:1	2*1	2.0000	
titlu:Prototipare: Carcase perioada:20182018 finantator:S.C. Quarooo Development nrctr:11369/10.09.2018 anidesfasurare:1	2*1	2.0000	
titlu:Analiză chimica si microscopica a placilor de Aluminiiu perioada:20182018 finantator:BWB Surface Technology nrctr:17350/29.11.2018 anidesfasurare:1	2*1	2.0000	
titlu:Cresterea fiabilitatii si eficientei manufacturarii aditive perioada:20172019 finantator:UEFSICDI nrctr:15/2017 anidesfasurare:2	2*2	4.0000	
titlu:Analize: Material INOX la balustrade blocuri B17&B18 perioada:20152015 finantator:SC MAURER IMOBILIARE SRL nrctr:3691/30.03.2015 anidesfasurare:1	2*1	2.0000	
	TOTAL	64.0000	
Total realizat criteriul A2: 551.17			

A 3. Recunoaşterea şi impactul activităţii (condiţii CS II – minim 60 puncte)

3.1.1	Citari in reviste ISI			
	Articol citat			Articol care citeaza
	Pop, M. A., & Constantinescu, A. (2011). Obtaining Technology for Thin-Wall Patterns Manufacturing Used in Foundry and Their Physico-Mechanical Properties issncitat:15822214 WOS:000289606200021	(5/2)	2.5000	Radojicic, M., Nesic, Z., & Vasovic, J. V. (2012). Production Delays and Possibilities for Their Reduction revista: Metalurgia International issnciteaza:15822214 AnAparitie:2012 WOS:000304382600024
	Buican, G. R., Oancea, G., Lancea, C., & Pop, M. A. (2015). Some Considerations Regarding Micro Hardness of Parts Manufactured from 316-L Steel Using SLM Technology issncitat:16627482 http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=16627482&asa=Y&AN=102817017&h=mda7lhbXoW7rV4xdOBKZ1Iz1AM6mqw%2b1fxXtFU8p22c3FrLL7BVd9PNMoGvEken8oBkRagAHKS7T21wG8P%2fww%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16627482%26asa%3dY%26AN%3d102817017	(30/4)	7.5000	Lewandowski, J. J., & Seifi, M. (2016). Metal additive manufacturing: a review of mechanical properties revista: Annual Review of Materials Research issnciteaza:15317331 AnAparitie:2016 WOS:000379330400007
	Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	Jia, Q., Yu, C., Jin, J., Sarsaiya, S., & Chen, J. (2018). Mechanical Properties of Polyethylene Composites Filled with Willow (Salix babylonica L.) Bark-Boring Insect Dust revista: JOURNAL OF BIOBASED MATERIALS AND BIOENERGY issnciteaza:15566560 AnAparitie:2018 https://www.ingentaconnect.com/content/asp/jbmb/2018/00000012/00000006/art0006
	Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(15/9)	1.6660	Mooktzeng, L. I. M., & Zulkifli, A. Z. S. (2018). Investigation of biomass surface modification using non-thermal plasma treatment revista: PLASMA SCIENCE & TECHNOLOGY issnciteaza:10090630 AnAparitie:2018 WOS:000443827600002 https://iopscience.iop.org/article/10.1088/2058-6272/aac819/meta



Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	Pyeong-SuShin, Jong-HyunKim, Yeong-MinBaek, Ha-SeungPark, Dong-JunKwon, Sun-OkMoon, K. Lawrence De Vries, Joung-ManPark (2018). New evaluation of interfacial and mechanical properties of thermally-treated Pine/CFRP composites using electrical resistance measurement revista:COMPOSITES PART B-ENGINEERING issnciteaza:13598368 AnAparitie:2018 WOS:000444927800013 https://www.sciencedirect.com/science/article/pii/S1359836817316591
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Zaharia, S. M., Pop, M. A. , Chicos, L. A., Lancea, C., Semenescu, A., Florea, B., & Chivu, O. R. (2017). An Investigation on the Reliability and Degradation of Polycrystalline Silicon Solar Cells Under Accelerated Corrosion Test issncitat:00255289 WOS:000426412300012 https://revmaterialeplastice.ro/pdf/12%20ZAHARIA%20S%203%202017.pdf	(15/7)	2.1420	Mitiu, M. A., Olteanu, M. V., Raischi, N. S., Balaceanu, C. M., & Cociorva, D. (2018). EFFICIENCY OF POLYCRYSTALLINE PHOTOVOLTAIC PARKS IN ROMANIA Possibility of Using Renewable Energy revista:THERMAL SCIENCE issnciteaza:03549836 AnAparitie:2018 WOS:000435526200034 http://www.doiserbia.nb.rs/Article.aspx?id=0354-98361800051M#.Xw8RSG0zbcc
Zaharia, S. M., Pop, M. A. , Semenescu, A., Florea, B., & Chivu, O. R. (2017). Mechanical Properties and Fatigue Performances on Sandwich Structures with CFRP Skin and Nomex Honeycomb Core issncitat:00255289 WOS:000400629900016 https://revmaterialeplastice.ro/pdf/16%20ZAHARIA%20SEBASTIAN%202017.pdf	(20/5)	4.0000	Birman, V., & Kardomateas, G. A. (2018). Review of current trends in research and applications of sandwich structures revista:COMPOSITES PART B-ENGINEERING issnciteaza:13598368 AnAparitie:2018 WOS:000431157500020 https://www.sciencedirect.com/science/article/pii/S1359836817339781
Zaharia, S. M., Morariu, C. O., Nedelcu, A., & Pop, M. A. (2017) Experimental Study of Static and Fatigue Behavior of CFRP-Balsa Sandwiches under Three-point Flexural Loading issncitat:19302126 WOS:000402883700032 https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_12_2_2673_Zaharia_Static_Fatigue_Behavior	(20/4)	5.0000	Ozdemir, O., Oztoprak, N., & Kandas, H. (2018). Single and repeated impact behaviors of bio-sandwich structures consisting of thermoplastic face sheets and different balsa core thicknesses revista:COMPOSITES PART B-ENGINEERING issnciteaza:13598368 AnAparitie:2018 WOS:000442979500006 https://www.sciencedirect.com/science/article/pii/S1359836818305559



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Buican, G. R., Oancea, G., Lancea, C., & Pop, M. A. (2015). Some considerations regarding micro hardness of parts manufactured from 316-L Steel using SLM technology issncitat:16627482 http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=16627482&asa=Y&AN=102817017&h=mda7lhbBxoW7rV4xdOBKZ1lz1AM6mqw%2b1fxXtFU8p22c3FrLL7BVd9PNMoGvEken8oBkRagAHKS7T21wG8P%2fww%3d%3d&crl=c&resultLocal=ErrCrlnResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrn%3d16627482%26asa%3dY%26AN%3d102817017	(5/4)	1.2500	Deaky, B., & Pârv, L. (2017). ERP system for 3D printing industry revista:MATEC Web of Conferences issnciteaza: AnAparitie:2017 WOS:000393034000068 https://www.matec-conferences.org/articles/mateconf/abs/2017/08/mateconf_cosme2017_06005/mateconf_cosme2017_06005.html
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	Zhang, Y., Huang, Y., Qi, Y., & Yu, W. (2018). Novel engineered scrimber with outstanding dimensional stability from finely fluffed poplar veneers revista:Measurement issnciteaza:02632241 AnAparitie:2018 WOS:000433238500038 https://www.sciencedirect.com/science/article/pii/S0263224118303324
Pop Mihai Alin , Cercetări asupra tehnologiilor şi materialelor moderne pentru confecţionarea garniturilor de model. Teza de doctorat (2009)	(5/1)	5.0000	Marginean, I., Micle, V., & Florea, B. (2011). ELECTROLYTIC DEPOSITION A PERSPECTIVE SOLUTION OF NANOCOMPOSITES revista:Metallurgia International issnciteaza:15822214 AnAparitie:2011 WOS:000289606200012



Pop Mihai Alin , Cercetări asupra tehnologiilor şi materialelor moderne pentru confecţionarea garniturilor de model. Teza de doctorat (2009)	(5/1)	5.0000	Marginean, I., Florea, B., & Fodor, L. (2011). NANOCOMPOSITES MADE BY ELECTROLYT DEPOSITION revista: Metalurgia International issnciteaza: 15822214 AnAparitie: 2011 WOS: 000289606200026
Buican, G. R., Oancea, G., Lancea, C., & Pop, M. A. (2015). Influence of Layer Thickness on Internal Structure of Parts Manufactured from 316-L Steel Using SLM Technology issncitat: 16627482 Autori: 4 CoefM: 20 https://www.scientific.net/AMM.809-810.369	(20/4)	5.0000	Rubenchik, A. M., King, W. E., & Wu, S. S. (2018). Scaling laws for the additive manufacturing revista: JOURNAL OF MATERIALS PROCESSING TECHNOLOGY issnciteaza: 09240136 AnAparitie: 2018 WOS: 000431161400024 https://www.sciencedirect.com/science/article/pii/S0924013618300906
Apostu, E. D., Pop, M. A. , & Monescu, V. (2015). Influence of functional and construction parameters over sieving process—rotary cylindrical sieve issncitat: 16628985 https://search.proquest.com/docview/1790093165?pq-origsite=gscholar	(5/3)	1.6660	Wan, X., Liao, Q., Xu, Y., Yuan, J., & Li, H. (2018). DESIGN AND EVALUATION OF CYCLONE SEPARATION CLEANING DEVICES USING A CONICAL SIEVE FOR RAPE COMBINE HARVESTERS revista: APPLIED ENGINEERING IN AGRICULTURE issnciteaza: 08838542 AnAparitie: 2018 WOS: 000443045700005 https://elibrary.asabe.org/abstract.asp?aid=49537
Geamăn, V., Pop, M. A. , Radomir, I., & Motoc, D. L. (2014). Ni-5Al - CLADDING BY THERMAL ARC SPRAYING issncitat: 2067–3604 https://www.ijmmt.ro/vol6no12014/Virgil_Geaman.pdf	(5/4)	1.2500	Žuk, M., Górka, J., Dojka, R., & Czupryński, A. (2017) Repair welding of cast iron coated electrodes revista: MODTECH INTERNATIONAL CONFERENCE - MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING V issnciteaza: 1757899X AnAparitie: 2017 WOS: 000409221600139 https://iopscience.iop.org/article/10.1088/1757-899X/227/1/012139/meta
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat: 01694332 WOS: 000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	He, Z., Qu, L., Wang, Z., Qian, J., & Yi, S. (2019). Effects of zinc chloride-silicone oil treatment on wood dimensional stability, chemical components, thermal decomposition and its mechanism revista: SCIENTIFIC REPORTS issnciteaza: 20452322 AnAparitie: 2019 WOS: 000458017800069 https://www.nature.com/articles/s41598-018-38317-5
Croitoru C., Spirchez C., Cristea D., Lunguleasa A., Pop M.A. , Bedo T., Roata I.C., Luca M.A., Calcium carbonate and wood reinforced hybrid PVC composites issncitat: 00218995 WOS: 000426508700017 https://onlinelibrary.wiley.com/doi/abs/10.1002/app.46317	(15/8)	1.8750	Avaro, J. T., Ruiz-Agudo, C., Landwehr, E., Hauser, K., & Gebauer, D. (2019). Impurity-free amorphous calcium carbonate, a preferential material for pharmaceutical and medical applications revista: European Journal of Mineralogy issnciteaza: 09351221 AnAparitie: 2019 WOS: 000468479000004 https://pubs.geoscienceworld.org/eurjmin/article/31/2/231/568487/Impurity-free-amorphous-calcium-carbonate-a



<p>Pop, M. A., Geaman, V., Radomir, I., & Bedo, T. (2017). Capacity of energy absorption by flick through shock in cooper foams issncitat:1091028X WOS:000405350900003 http://www.dl.begellhouse.com/journals/49dcde6d4c0809db,6c6bbf067aa529c4,5d1befde40e8b796.html</p>	(20/4)	5.0000	<p>Jafarizade, A., Panjepour, M., Meratian, M., & Emami, M. D. (2019). Numerical Simulation of Gas/Solid Heat Transfer in Metallic Foams: A General Correlation for Different Porosities and Pore Sizes revista:TRANSPORT IN POROUS MEDIA issnciteaza:01693913 AnAparitie:2019 WOS:000459833400013 https://link.springer.com/article/10.1007/s11242-018-1208-x</p>
<p>Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A., Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692</p>	(15/9)	1.6660	<p>Li, R., Fang, L., Xu, W., Xiong, X., & Wang, X. A. (2019). Effect of Laser Irradiation on the Surface Wettability of Poplar Wood revista:SCIENCE OF ADVANCED MATERIALS issnciteaza:19472935 AnAparitie:2019 WOS:000464520000005 https://www.ingentaconnect.com/content/asp/sam/2019/00000011/00000005/art0005</p>
<p>Pop M.A., Croitoru C, Bedó T., Geaman V., Radomir I., Cosnita M., Zaharia S.M., Chicos L.A., Milosan I. Structural changes during 3D printing of bioderived and synthetic thermoplastic materials issncitat:00218995 WOS:000456861100001 https://onlinelibrary.wiley.com/doi/abs/10.1002/app.47382</p>	(20/9)	2.2220	<p>Shie, M. Y., Shen, Y. F., Astuti, S. D., Lee, A. K. X., Lin, S. H., Dwijaksara, N. L. B., & Chen, Y. W. (2019). Review of Polymeric Materials in 4D Printing Biomedical Applications revista:POLYMERS issnciteaza:20734360 AnAparitie:2019 WOS:000503279200136 https://www.mdpi.com/2073-4360/11/11/1864</p>
<p>Pop M.A., Croitoru C, Bedó T., Geaman V., Radomir I., Cosnita M., Zaharia S.M., Chicos L.A., Milosan I. Structural changes during 3D printing of bioderived and synthetic thermoplastic materials issncitat:00218995 WOS:000456861100001 https://onlinelibrary.wiley.com/doi/abs/10.1002/app.47382</p>	(30/9)	3.3330	<p>Liang, B., Lu, X., Li, R., Tu, W., Yang, Z., & Yuan, T. (2019). Solvent-free preparation of bio-based polyethylene glycol/wood flour composites as novel shape-stabilized phase change materials for solar thermal energy storage revista:Solar Energy Materials and Solar Cells issnciteaza:09270248 AnAparitie:2019 WOS:000483633400095 https://www.sciencedirect.com/science/article/pii/S0927024819303666</p>
<p>Pop M.A., Croitoru C, Bedó T., Geaman V., Radomir I., Cosnita M., Zaharia S.M., Chicos L.A., Milosan I. Structural changes during 3D printing of bioderived and synthetic thermoplastic materials issncitat:00218995 WOS:000456861100001 https://onlinelibrary.wiley.com/doi/abs/10.1002/app.47382</p>	(20/9)	2.2220	<p>Mazzanti, V., Malagutti, L., & Mollica, F. (2019). FDM 3D printing of polymers containing natural Fillers: a review of their mechanical properties revista:Polymers issnciteaza:20734360 AnAparitie:2019 WOS:000480539500011 https://www.mdpi.com/2073-4360/11/7/1094</p>
<p>Pop M.A., Croitoru C, Bedó T., Geaman V., Radomir I., Cosnita M., Zaharia S.M., Chicos L.A., Milosan I. Structural changes during 3D printing of bioderived and synthetic thermoplastic materials issncitat:00218995 WOS:000456861100001 https://onlinelibrary.wiley.com/doi/abs/10.1002/app.47382</p>	(20/9)	2.2220	<p>Olejniak, O., Masek, A., & Kiersnowski, A. (2020). Thermal Analysis of Aliphatic Polyester Blends with Natural Antioxidants revista:Polymers issnciteaza:20734360 AnAparitie:2020 WOS:000519848300074 https://www.mdpi.com/2073-4360/12/1/74</p>



Croitoru C., Spirchez C., Cristea D., Lunguleasa A., Pop M.A. , Bedo T., Roata I.C., Luca M.A., Calcium carbonate and wood reinforced hybrid PVC composites issncitat:00218995 WOS:000426508700017 https://onlinelibrary.wiley.com/doi/abs/10.1002/app.46317	(30/8)	3.7500	Zhang, Y., Jiang, H., Wang, K., Wang, H., & Wang, C. (2020). Green flotation of polyethylene terephthalate and polyvinyl chloride assisted by surface modification of selective CaCO ₃ coating revista:Journal of Cleaner Production issnciteaza:09596526 AnAparitie:2020 WOS:000491240100068 https://www.sciencedirect.com/science/article/pii/S0959652619333116
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	Wang, J., Wu, H., Liu, R., Long, L., Xu, J., Chen, M., & Qiu, H. (2019). Preparation of a fast water-based UV cured polyurethane-acrylate wood coating and the effect of coating amount on the surface properties of Oak (Quercus alba L.) revista:Polymers issnciteaza:20734360 AnAparitie:2019 WOS:000489104300040 https://www.mdpi.com/2073-4360/11/9/1414
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	He, Z., Wang, Z., Qu, L., Qian, J., & Yi, S. (2019). Modeling and simulation of heat-mass transfer and its application in wood thermal modification revista:Results in Physics issnciteaza:22113797 AnAparitie:2019 WOS:000476618700102 https://www.sciencedirect.com/science/article/pii/S2211379719303365
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	Pánek, M., Hýsek, Š., Dvořák, O., Zeidler, A., Oberhofnerová, E., Šimůnková, K., & Šedivka, P. (2019). Durability of the Exterior Transparent Coatings on Nano-Photostabilized English Oak Wood and Possibility of Its Prediction before Artificial Accelerated Weathering revista:Nanomaterials issnciteaza:20794991 AnAparitie:2019 WOS:000502271700063 https://www.mdpi.com/2079-4991/9/11/1568
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(15/9)	1.6660	He, Z., Wang, Z., Qu, L., Qian, J., & Yi, S. (2019). Gaseous Decomposition Products from Wood Degradation via Thermogravimetric and Fourier Transform Infrared Analysis during Thermal Modification of Beech and Pine Woods revista:BioResources issnciteaza:19302126 AnAparitie:2019 WOS:000478803800018 https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_14_3_6883_He_Gaseous_Decomposition_Products_Wood_Degradation



Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	Wei, J., Lin, Q., Zhang, Y., Yu, W., Hse, C. Y., & Shupe, T. (2019). Surface Properties of Pine Scrimber Panels with Varying Density revista:Coatings issnciteaza:20796412 AnAparitie:2019 WOS:000473753000052 https://www.mdpi.com/2079-6412/9/6/397
Zaharia, S. M., Lancea, C., Chicos, L. A., Pop, M. A. , Caputo, G., & Serra, E. (2017). Mechanical properties and corrosion behaviour of 316l stainless steel honeycomb cellular cores manufactured by selective laser melting revista: Transactions of Famena issncitat:13331124 WOS:000431808800002 https://hrcak.srce.hr/193652	(15/6)	2.5000	Balos, S., Rajnovic, D., Sidjanin, L., Eric Cekic, O., Moraca, S., Trivkovic, M., & Dedic, M. (2019). Vickers hardness indentation size effect in selective laser melted MS1 maraging steel revista:PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE issnciteaza:09544 AnAparitie 2019 WOS:000499778800001 https://journals.sagepub.com/doi/abs/10.1177/0954406219892301
Zaharia, S. M., Lancea, C., Chicos, L. A., Pop, M. A. , Caputo, G., & Serra, E. (2017). Mechanical properties and corrosion behaviour of 316l stainless steel honeycomb cellular cores manufactured by selective laser melting revista: Transactions of Famena issncitat:13331124 WOS:000431808800002 https://hrcak.srce.hr/193652	(10/6)	1.6660	Šolić, T., Marić, D., & Samardžić, I. (2019). Statistical Analysis of Corrosion Process Flow revista:TEHNICKI VJESNIK-TECHNICAL GAZETTE issnciteaza:13303651 AnAparitie:2019 WOS:000499332300028 https://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=332443
Zaharia, S. M., Lancea, C., Chicos, L. A., Pop, M. A. , Caputo, G., & Serra, E. (2017). Mechanical properties and corrosion behaviour of 316l stainless steel honeycomb cellular cores manufactured by selective laser melting revista: Transactions of Famena issncitat:13331124 WOS:000431808800002 https://hrcak.srce.hr/193652	(20/6)	3.3330	Huang, M., Zhang, Z., & Chen, P. (2019). Effect of selective laser melting process parameters on microstructure and mechanical properties of 316L stainless steel helical micro-diameter spring revista:INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY issnciteaza: 02683768 WOS:000490367800029 https://link.springer.com/article/10.1007/s00170-019-03928-3
Zaharia, S. M., Lancea, C., Chicos, L. A., Pop, M. A. , Caputo, G., & Serra, E. (2017). Mechanical properties and corrosion behaviour of 316l stainless steel honeycomb cellular cores manufactured by selective laser melting revista: Transactions of Famena issncitat:13331124 WOS:000431808800002 https://hrcak.srce.hr/193652	(20/6)	3.3330	Hussein, R., Anandan, S., Spratt, M., Newkirk, J. W., Chandrashekhara, K., Heath, M., & Walker, M. (2020). Effective elastic moduli of metal honeycombs manufactured using selective laser melting revista:RAPID PROTOTYPING JOURNAL issnciteaza:13552546 AnAparitie:2020 WOS:000512413100001 https://www.emerald.com/insight/content/doi/10.1108/RPJ-12-2018-0311/full/html#loginreload



Zaharia, S. M., Morariu, C. O., Nedelcu, A., & Pop, M. A. (2017) Experimental study of static and fatigue behavior of cfrp-balsa sandwiches under three-point flexural loading issncitat:19302126 WOS:000402883700032 https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_12_2_2673_Zaharia_Static_Fatigue_Behavior	(20/4)	5.0000	Sergi, C., Tirillò, J., Sarasini, F., Barbero Pozuelo, E., Sanchez Saez, S., & Burgstaller, C. (2019). The Potential of Agglomerated Cork for Sandwich Structures: A Systematic Investigation of Physical, Thermal, and Mechanical Properties revista:Polymers issnciteaza:20734360 AnAparitie:2019 WOS:000507624500211 https://www.mdpi.com/2073-4360/11/12/2118
Chicos, L. A., Zaharia, S. M., Lancea, C., Pop, M. A. , Cañadas, I., Rodríguez, J., & Galindo, J. (2018). Concentrated solar energy used for heat treatment of Ti6Al4V alloy manufactured by selective laser melting issncitat:0038092X WOS:000452940800007 https://www.sciencedirect.com/science/article/pii/S0038092X18307333	(30/7)	4.2850	Roata, I. C., Croitoru, C., Pascu, A., Stanciu, E. M., Hulka, I., Petre, I., Gabor, C., Patroi, D., & Sbarcea, B. G. (2020). Surface engineering of Ni-Al coatings through concentrated solar heat treatment revista:Applied Surface Science issnciteaza:01694332 AnAparitie:2020 WOS:000512983600137 https://www.sciencedirect.com/science/article/pii/S0169433219330016
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	Monroy, Y., Seré, P., Rivero, S., & García, M. A. (2020). Sustainable panels based on starch bioadhesives: An insight into structural and tribological performance revista:INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES issnciteaza:01418130 https://www.sciencedirect.com/science/article/pii/S0141813019392165
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332 WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(15/9)	1.6660	Liu, M., Peng, L., Lyu, S., & Lyu, J. (2020). Properties of common tropical hardwoods for fretboard of string instruments revista:JOURNAL OF WOOD SCIENCE issnciteaza:14350211 WOS:000518504300001 https://link.springer.com/article/10.1186/s10086-020-01862-7
Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I.C., Pop, M.A. , Bedo, T., Stanciu, E.M., Pascu A. (2018). Surface properties of thermally treated composite wood panels, revista: Applied Surface Science issncitat:01694332. WOS:000425731200013 https://www.sciencedirect.com/science/article/pii/S0169433217325692	(20/9)	2.2220	Wang, J., Wang, H., Ye, Z., Chizaram, E. P., Jiang, J., Liu, T., ... & Zhang, S. (2020). Mold resistance of bamboo after laccase-catalyzed attachment of thymol and proposed mechanism of attachment revista:RSC ADVANCES issnciteaza:20462069 WOS:000519586300041 https://pubs.rsc.org/en/content/articlehtml/2020/ra/d0ra00315h
	TOTAL	113.4050	



3.1.2	Citari in reviste BDI			
	Articol citat			Articol care citeaza
	Application of natural fiber composites in automotive industry issncitat:04619579 Autori:4 BDI: Google Scholar	(3/4)	0.7500	ESTUDO DA RIGIDEZ DE LAMINADOS POLIMÉRICOS COM FIBRAS SINTÉTICAS E NATURAIS POR MEIO DE SIMULAÇÃO NUMÉRICA https://www.ufsj.edu.br/portal2-repositorio/File/ppmec/DISSERTACAO%20FINAL%20-%20RICARDO%20F%20MORAES%2015-04-2016(1).pdf AnAparitie:2016
	Microstructure and micro-hardness analyses of titanium alloy Ti-6Al-4V parts manufactured by selective laser melting issncitat:16627482 Autori:4 BDI:SpringerLink	(3/4)	0.7500	Surface Finish Improvement of Additive Manufactured Metal Parts revista:Micro and Precision Manufacturing issnciteaza:16121317 https://link.springer.com/chapter/10.1007/978-3-319-68801-5_7 AnAparitie:2018
	Ni-5Al–Cladding by thermal arc spraying issncitat:20696736 Autori:4 BDI:Scopus	(3/4)	0.7500	Contact Wear Studies over Idlers Sprayed With Ni Al Si Powder Using Atmospheric Plasma Spraying Method revista:Advanced Materials Research issnciteaza:16628985 AnAparitie:2014 DOI: 10.4028/www.scientific.net/AMR.1036.184
	Ni-5Al–Cladding by thermal arc spraying issncitat:20696736 Autori:4 BDI:Ebsco	(3/4)	0.7500	Decreasing the Adhesion Effect of Surfaces Using Graphite Pellicle Deposition Through Electric Discharges in Pulse. revista:Advanced Materials Research issnciteaza:16628985 AnAparitie:2014 http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=16628985&AN=98714995&h=H%2bUUFUvSkcNVlqbF9IGX3Y13eJGTspfx7whLhCoQW%2fbR2vV01zBiGYklf1OIBpFEmLI3adQiRXTEBrAxfx5F7w%3d%3d&crl=c&resultLocal=ErrCrINoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16628985%26AN%3d98714995
	Mechanical and tribological performance of coated ceramic tiles with alumina by thermal spraying process issncitat:18577881 Autori:4 BDI: Google Scholar	(3/4)	0.7500	Mechanical and tribological performance of coated ceramic tiles with alumina by thermal spraying process revista:Tecno Lógicas issnciteaza:01237799 AnAparitie:2015 https://scholar.google.ro/scholar?cites=13127178527393489880&as_sdt=2005&ciotd=0,5&hl=ro
	Some Considerations Regarding Micro Hardness of Parts Manufactured from 316-L Steel Using SLM Technology issncitat:16627482 Autori:4 BDI:Science Direct	(3/4)	0.7500	MICROSCOPIC INVESTIGATION ON MATERIAL STRUCTURE OF BROKEN ADDITIVELY MANUFACTURED PARTS revista:Applied Mechanics & Materials issnciteaza:16627482 AnAparitie:2015 http://eds.b.ebscohost.com/abstract?site=eds&scope=site&jrnl=16627482&asa=Y&AN=111207734&h=y6AOsLGUHPy6OmR2dg4ki9wN%2b2ap4PnXRe1p1uVrto0CMXMfM36ZgAjbDUKJwIWwHGCM3SMBNE1hUfKwdVWlag%3d%3d&crl=c&resultLocal=ErrCrINoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16627482%26asa%3dY%26AN%3d111207734
		TOTAL	4.5000	



3.3.1	Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice / Recenzor pentru reviste si manifestari stiintifice nationale si internationale indexate ISI			
	titlu:Metalurgia International issn:15822214 CoefM:12 Perioada:20112013	12	12.0000	
		TOTAL	12.0000	
3.3.2	Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice / Recenzor pentru reviste si manifestari stiintifice nationale si internationale indexate BDI			
	titlu:Revista Metalurgia issn:04619579 BDI: Google Scholar CoefM:10	10	10.0000	https://scholar.google.ro/scholar?q=metalurgia+0461-9579&btnG=&hl=ro&as_sdt=0%2C5
	titlu:Revista Metalurgia issn:04619579 BDI: Google Scholar CoefM:5	5	5.0000	https://scholar.google.ro/scholar?q=metalurgia+0461-9579&btnG=&hl=ro&as_sdt=0%2C5
	titlu:Metalurgia International issn:15822214 BDI:Scopus CoefM:5	5	5.0000	http://www.scopus.com/results/results.url?cc=10&sort=plf-f&src=s&st1=1582-2214&nlo=&nlr=&nls=&sid=9223551A7946E50DA9F77E0EA51EA8DE.f594dyPD_Cy4K3aQHRor6A%3a20&sot=b&sdt=b&sl=15&s=ISSN%281582-2214%29&ss=plf-f&ps=r-f&editSaveSearch=&origin=resultslist&zone=resultslist
		TOTAL	20.0000	
3.3.3	Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice / Recenzor pentru reviste si manifestari stiintifice nationale si internationale neindexate			
	titlu:BRAMAT 2015 CoefM:3	3	3.0000	http://www.unitbv.ro/bramat/Conferences/BraMat2015/ConferenceLocalOrganizingCommittee.aspx
	titlu:Second International Iron and Steel Symposium (IISS'15) CoefM:3	3	3.0000	http://iiss15.karabuk.edu.tr/
	BRAMAT 2019 CoefM:3	3	3.0000	http://www.bramat.ro/committees.html
	BRAMAT 2017 CoefM:3	3	3.0000	http://www.bramat.ro/bramat-2017.html
		TOTAL	12.0000	
3.6.4.2.	Membru Asociatii profesionale nationale			
	asociatia:Asociatia Tehnica de Turnatorie din Romania Perioada:20142020	2	2.0000	
		TOTAL	2.0000	
	Total realizat criteriul A3: 163.90			
4.1.	Indice Hirsch conform ISI Knowledge			
	IndiceHISI:3	3	3.0000	
		TOTAL	3.0000	

4.2	Indice Hirsch conform Scopus			
	IndiceHScopus:4	4	4.0000	
		TOTAL	4.0000	
4.3	Indice Hirsch conform Google Scholar			
	IndiceHGS:5	5	5.0000	
		TOTAL	5.0000	

3. Condiții minime (CS II)

Nr. crt.	Domeniul de activitate	Conditii CS II	Realizat
1	Activitate didactică/profesională (A1)	Fara restrictii	37,80
2	Activitate de cercetare (A2)	Minimum 190 puncte	551.17
3	Recunoasterea impactului activitatii (A3)	Minimum 60 puncte	163.90
	Total	250 puncte	Total realizat = 752.88

A1. Activitatea didactică și profesională

CS II – fara restrictii; **Realizat: 37,80**

A 2. Activitate de cercetare

Articole cotate in reviste ISI Thomson Reuters- Web of Science și in volumele indexate ISI proceedings-Web of Science (min. 10 articole pentr CS II din care min. 5 în reviste cotate ISI Th.R. [din care min. 3 cu FI de min. 1 și min. 2 ca autor principal cu FI min. 0.5]

- 1 Croitoru, C., **Pop, M. A.**, Bedo, T., Cosnita, M., Roata, I. C., & Hulka, I. (2020). Physically crosslinked poly (vinyl alcohol)/kappa-carrageenan hydrogels: Structure and applications. Polymers, 12(3), 560. **Autor correspondent, FI=3.164**

<https://www.mdpi.com/2073-4360/12/3/560>

WOS:000525952000059

- 2 Milosan, I., Florescu, M., Cristea, D., Voiculescu, I., **Pop, M. A.**, Cañadas, I., ... & Bedo, T. (2020). Evaluation of Heat-Treated AISI 316 Stainless Steel in Solar Furnaces to Be Used as Possible Implant Material. Materials, 13(3), 581. **FI=2.972**

<https://www.mdpi.com/1996-1944/13/3/581>

WOS:000515503100088

- 3 Gabor, C., Cristea, D., Velicu, I.L., Bedo, T., Gatto, A., Bassoli, E, Varga, B, **Pop, M.A**, Geanta, V., Stefanoiu, R., Codescu, M.M., Manta, E., Patroi, D., Florescu, M., Munteanu, S.I., Ghiuta, I., Lupu, N., Munteanu, D. (2019). Ti–Zr–Si–Nb Nanocrystalline Alloys and Metallic Glasses: Assessment on the Structure, Thermal Stability, Corrosion and Mechanical Properties. Materials, 12(9), 1551. **Autor correspondent, FI=2.972**

http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=131&SID=D37F8DBcramZAJLJqMw&page=1&doc=1

WOS:000469757500192

<https://www.mdpi.com/1996-1944/12/9/1551>

WOS:000469757500192



- 4 Chicos, L. A., Campbell, I., Zaharia, S. M., **Pop, M. A.**, Lancea, C., Semenescu, A., ... & Chivu, O. R. (2019). Experimental and Finite Element Analysis of the Open-Cells Porous Materials Subjected to Compression Mechanical Loading. *MATERIALE PLASTICE*, 56(2), 421. **Autor correspondent, FI=1.393**
<https://revmaterialeplastice.ro/pdf/26%20CHICOS%20%2019.pdf>
WOS:000476641000026
- 5 **Pop, M. A.**, Croitoru, C., Bedő, T., Geamăn, V., Radomir, I., Cosnită, M., Zaharia, S.M., Chicos, L.A., Milosan, I. (2019). Structural changes during 3D printing of bioderived and synthetic thermoplastic materials. *Journal of Applied Polymer Science*, 47382. **FI=1.901**
<https://link.springer.com/article/10.1007/s11665-018-3555-8>
WOS:000456861100001
- 6 Chicos, L. A., Zaharia, S. M., Lancea, C., **Pop, M. A.**, Cañadas, I., Rodríguez, J., & Galindo, J. (2018). Concentrated solar energy used for heat treatment of Ti6Al4V alloy manufactured by selective laser melting. *Solar Energy*, 173, 76-88. **FI=4.374**
<https://www.sciencedirect.com/science/article/pii/S0038092X18307333>
WOS:000452940800007
- 7 Croitoru, C., Spirchez, C., Cristea, D., Lunguleasa, A., **Pop, M. A.**, Bedo, T., Roata, I. C., Luca, M. A. (2018). Calcium carbonate and wood reinforced hybrid PVC composites. *Journal of Applied Polymer Science*, 135(22), 46317. **FI=1.901**
<https://onlinelibrary.wiley.com/doi/abs/10.1002/app.46317>
WOS:000426508700017
- 8 Croitoru, C., Spirchez, C., Lunguleasa, A., Cristea, D., Roata, I. C., **Pop, M. A.**, Bedo, T., Stanciu, EM, Pascu, A. (2018). Surface properties of thermally treated composite wood panels. *Applied Surface Science*, 438, 114-126. **FI=4.439**
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WOS:000402883700032

A 3. Recunoaşterea şi impactul activităţii (Minimum 15 citari pentru CS II in ISI Thomson Reuters - Web of Science Core Collection si SCOPUS).

Citări în reviste cotate ISI Thomson Reuters - Web of Science Core Collection. Se exclud autocitările tuturor co-autorilor.

Lucrari citate: articol de revista, conferinta, carte, teza, brevet de inventie.

Realizat: 41 citari

REZOLUTIA COMISIEI ŞTIINŢIFICE:

Membru COMISIEI

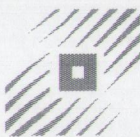
STANDARDELE SUNT ÎNTERZISE

- | | | | |
|--|--|-----------------------------|--|
| 1. Prof. dr. ing. Daniel MUNTEANU | <input checked="" type="checkbox"/> DA | <input type="checkbox"/> NU | |
| 2. Prof. dr. ing. Mircea Horia TIEREAN | <input checked="" type="checkbox"/> DA | <input type="checkbox"/> NU | |
| 3. Prof. dr. ing. Teodor MACHESON PISU | <input checked="" type="checkbox"/> DA | <input type="checkbox"/> NU | |

Data: 14. 05. 2020.

Director de departament,
Sef lucrari. dr. ing. Camelia GABOR

Candidat,
CS. III. Mihai Alin POP



Lista cu îndeplinirea criteriilor interne privitoare la capacitatea de gestiune a activităţii de cercetare (post Cercetător Ştiinţific gr. II poziţia 19, Departamentul SM, Facultatea SIM)

Conform HS 30/14.02.2019

Candidat: CS III. dr. ing. Pop Mihai Alin

STANDARDE MINIMALE, COMISIA DE INGINERIA MATERIALELOR

(Standarde valabile incepand cu 1.10.2017)

Nr. crt.	Domeniul de activitate	Conditii CS II	Realizat
1	Activitate didactică/profesională (A1)	Fara restrictii	37,80
2	Activitate de cercetare (A2)	Minimum 190 puncte	551.17
3	Recunoasterea impactului activitatii (A3)	Minimum 60 puncte	163.90
		Total minimal = 250 puncte	Total realizat = 752.88

	4.1 Indice Hirsch conform ISI Knowledge	3
	4.2 Indice Hirsch conform Scopus	4
	4.3 Indice Hirsch conform Google Scholar	5

Condiţii interne:

1. **Pop, M. A.**, Croitoru, C., Bedő, T., Geamăn, V., Radomir, I., Cosnită, M., Zaharia, S.M., Chicos, L.A., Milosan, I. (2019). Structural changes during 3D printing of bioderived and synthetic thermoplastic materials. Journal of Applied Polymer Science, 47382. **FI=1.901 (Q2)**

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Alin *Pop*



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Coautor (selectie):

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WOS:000452940800007

*Subsemnatul, Mihai Alin Pop declar ca toate datele cuprinse in acest material sunt corecte.

REZOLUTIA COMITETULUI STIINTIFIC

Data: 14.05.2020

Director de departament,

Sef lucrari. dr. ing. Camelia GABOR

Membru COMITET

1. Prof. dr. ing. Gheorghe Munteanu
2. Prof. dr. ing. Maria Mircea TIEREAN
3. Prof. dr. ing. Teodor MACHESON - Adu

STANDARLELE SUNT INSERATE

Candidat,

CS. III. Mihai Alin POP

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