FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE OBLIGATORII – PROFESOR UNIVERSITAR

Nume și prenume candidat: **Chiriță Bogdan - Alexandru**
Grad didactic: Conf. dr. ing.
Domeniu: **Inginerie industrială**
Departament: Ingineria și Managementul Sistemelor Industriale
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A1. ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ

Punctaj minim 130 puncte

Punctaj realizat 346,57 puncte

A1.1. Cărți și capitole în cărți de specialitate
A1.1.1. Cărți/manuale/monografii/capitole de specialitate ca autor – **Profesor minim 2 prim autor**

Nr. crt.	Titlu / ISBN	Autori	Editura	Anul	Nr. pagini	Punctaj
1.1.1.1. Internaționale						
1	***Prim autor*** ***Study of Quality Parameters for Abrasive Waterjet Cutting of Metals (pp. 221-257)*** Carte: Notes for Manufacturing Instructors. Materials Forming, Machining and Tribology. Editori: Carou, D., Davim, J.P. print ISBN 978-3-031-48467-4, online ISBN 978-3-031-48468-1 https://doi.org/10.1007/978-3-031-48468-1_11	**Chirita, BA.,** Herghelegiu, E., Radu, MC., Tampu, NC.	Springer, Cham	2024	37 pg.	37/(5*4) = **1,85**

Nr. crt.	Titlu / ISBN	Autori	Editura	Anul	Nr. pagini	Punctaj
2	***Unic autor*** ***Cap. 3 Modeling and Optimization Process in Milling (pg. 83-112)*** Carte: Modeling and Optimization in Manufacturing: Toward Greener Production by Integrating Computer Simulation edited by Catalin I. Pruncu & Jun Jiang, ISBN: 978-3-527-34694-3 https://doi.org/10.1002/9783527825233.ch3	**Chiriță Bogdan**	Wiley-VCH GmbH, Weinheim - Germany	2021	30 pg.	30/5 = **6**
1.1.1.2. Naționale (edituri recunoscute)						
1	**Prim autor** **Prelucrarea metalelor. Operații și scule de prelucrare** ISBN 978-606-527-419-8	**Chiriță Bogdan,** Brabie Gheorghe	Ed. Alma Mater, Bacău	2014	204 pg.	204/(10*2) = **10,2**
2	Mașini unelte. Construcție și exploatare ISBN 978-606-527-420-4	Brabie Gheorghe, **Chiriță Bogdan**	Ed. Alma Mater, Bacău	2014	223 pg.	223/(10*2) = **11,15**
3a	*Cap. 2 Fenomene de instabilitate ce apar după procesul de deformare plastică (pg. 33-112)* Carte: Deformarea plastica la rece a tablelor metalice. Fenomene de instabilitate a formei si dimensiunilor pieselor, ISBN 973-37-1098-9	**Autori capitol:** G. Brabie, **B. Chiriță** Autori carte: Brabie Gheorghe, Schnakovszky Carol, **Chiriță Bogdan**, Axinte Crina, Chirilă Ciprian	Ed. Junimea, Iași	2005	**Capitol: 80 pg.** Carte: 218 pg.	80/(10*2) = **4**
3b	***Prim autor:*** ***Cap. 4 Metode și soluții tehnice de diminuare sau eliminarea efectelor fenomenelor de instabilitate (pg. 165-209)***	Autori capitol: **B. Chiriță,** C. Axinte, C. Chirilă	Ed. Junimea, Iași	2005	**Capitol: 45** pg.	45/(10*3) = **1,5**

Nr. crt.	Titlu / ISBN	Autori	Editura	Anul	Nr. pagini	Punctaj
	Carte: Deformarea plastica la rece a tablelor metalice. Fenomene de instabilitate a formei si dimensiunilor pieselor, ISBN 973-37-1098-9	Autori carte: Brabie Gheorghe, Schnakovszky Carol, **Chiriță Bogdan**, Axinte Crina, Chirilă Ciprian			Carte: 218 pg.	
4a	*Cap. 4 Determinarea experimentală a tensiunilor reziduale (pg. 95-164)* Carte: Tensiuni rezidual generate de procesele de transformare a materialelor metalice, ISBN 973-37-1097-0	Autori capitol: C. Schnakovszky, **B. Chiriță,** C. Chirilă, C. Axinte Autori carte: Brabie Gheorghe, Schnakovszky Carol, **Chiriță Bogdan**, Chirilă Ciprian, Axinte Crina	Ed. Junimea, Iași	2005	**Capitol: 70 pg.** Carte: 212 pg.	70/(10*4) = **1,75**
4b	***Prim autor:*** ***Cap. 5 Determinarea prin simulare a distribuției tensiunilor reziduale (pg. 165-203)*** Carte: Tensiuni rezidual generate de procesele de transformare a materialelor metalice ISBN 973-37-1097-0	Autori capitol: **B. Chiriţă,** C. Axinte, C. Chirilă Autori carte: Brabie Gheorghe, Schnakovszky Carol, **Chiriță Bogdan**, Chirilă Ciprian, Axinte Crina	Ed. Junimea, Iași	2005	**Capitol: 39 pg.** Carte: 212 pg.	39/(10*3) = **1,3**
5	**Mașini-unelte. Caracteristici de calitate** ISBN 973-8130-35-2 ISBN 973-27-0928-6	Brabie Gheorghe, Mohora Cristina, **Chiriță Bogdan**	Ed. Agir, București Ed. Academiei Române București	2002	268 pg.	268/(10*3) = **8,93**
Total						**46,68**

A1.1.2. Cărți ca editor

Nu este cazul

A1.2. Alte materiale didactice inclusiv în format electronic

A1.2.1. Suporturi de curs / îndrumare – **Profesor minimum 4 din care 2 prim autor**

Nr. crt.	Titlu / ISBN	Autori	Editura	Anul	Nr. pagini	Punctaj Nr pagini / (20*nr. autori)
1	**Sisteme flexibile de fabricație. Note de curs si aplicații,** ISBN 978-973-1833-45-3	**Chiriță Bogdan**	Ed. Alma Mater, Bacău	2007	162	162/(20*1) = **8,1**
2	**Creativitatea tehnică. Elemente de teorie si aplicații,** ISBN 978-973-1833-45-6	Brabie Gheorghe, **Chiriță Bogdan**	Ed. Alma Mater, Bacău	2007	107	107/(20*2) = **2,67**
3	**Elemente de logistica industriala. Note de curs**	Brabie Gheorghe, **Chiriță Bogdan**	Editura Universității din Bacău	1999	105	105/(20*2) = **2,62**
4	**Mașini unelte. Îndrumar de laborator** ISBN 978-973-1833-46-0	**Chiriță Bogdan,** Brabie Gheorghe	Ed. Alma Mater, Bacău	2007	75	75/(25*2) = **1,5**
Total						**14,89**

A1.3. Coordonare programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale

Nr. crt.	Program de studii	Ciclu de studii	Punctaj
1	**Strategii în asigurarea calității în industrie**	**Masterat**	15
Total			**15**

A1.4. Dezvoltare de noi discipline - Titular 10 puncte

Nr. crt.	Denumire disciplină	Program de studii	Ciclu de studii	Punctaj
1	Sisteme moderne de fabricație	Tehnologia construcțiilor de mașini Inginerie economică în domeniul mecanic	Licență	10

2	Managementul inovarii produselor si proceselor	Managementul fabricației produselor industriale	Master	10
3	Fabricarea pieselor din mase plastice și compozite	Tehnologia construcțiilor de mașini Inginerie economică în domeniul mecanic	Licență	10
4	Bazele așchierii și generării suprafețelor și scule așchietoare	Tehnologia construcțiilor de mașini Design industrial Ingineria și managementul calității	Licență	10
5	Dispozitive tehnologice	Tehnologia construcțiilor de mașini Design industrial Ingineria și managementul calității	Licență	10
Total				**50**

A1.5. Proiecte educaționale (Erasmus, Leonardo etc.) – Director/responsabil 10*(nr. ani de desfășurare)

Nr. crt.	**Tipul de proiect**	**Durata**	**Punctaj**
1	Program Erasmus cu Universitatea din Limoges, IUT Limoges, Franța	4 an	4*10 = **40**
2	Program Erasmus cu Universitatea Artois din Bethune, Franța	6 an	6*10 = **60**
3	Program Erasmus cu Universitatea din Porto, Portugalia	6 an	6*10 = **60**
4	Program Erasmus cu Universitatea din Ancona, Italia	6 ani	6*10 = **60**
Total			**220**

A2. ACTIVITATEA DE CERCETARE

Punctaj minim 300 puncte

Punctaj realizat: 805,20 puncte

A2.1. Articole indexate în reviste ISI Thomson Reuters și în volume unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date– **pentru Profesor minim 8 articole din care 3 în reviste, minimum 3 ca autor principal, minimum 1 articol în zona roșie sau galbenă**

Nr. crt.	Titlul articolului	Autori	Publicația	Anul	Punctaj
1	**Using the AIDA Method in the Design of New Elements for the Photovoltaic Mounting Structures** **Tip document: Articol** DOI: 10.3390/machines12030211 WOS: 001192737400001 **Zona roșie/galbenă**	Ciubotariu, VA, Grigoras, CC, Zichil, V, **Chirita, BA**	Machines vol. 13, iss. 3, art. nr. 211 ISSN 2075-1702 **FI 2,6 (2022)**	2024	(30+10*2,6)/4= **14**
2	Influence of the electrode material on electrical discharge machining process performance **Tip document: Articol** WOS: 001196254200005	Ghiorghe, O, Schnakovszky, C, Herghelegiu, E, Radu, MC, **Chirita, BA**, Tampu, NC, Nita, B, Radu, P	Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry, Volume 25, No. 1, pp. 71-90 ISSN 1582-540X **FI: 0,3 (2022)**	2024	(30+10*0,3)/8 = **4,12**
3	**Adaptive Stretch-Forming Process: A Computer Vision and Statistical Analysis Approach** **Tip document: Articol** DOI: 10.3390/machines9120357 WOS:000738673200001 **Zona roșie/galbenă**	Grigoras CC, Zichil V, **Chirita B**, Ciubotariu VA	Machines vol. 9, iss. 12, art. nr. 357 ISSN 2075-1702 **FI: 2,899 (2021)**	2021	(30+10*2,899)/4= **14,74**

Nr. crt.	Titlul articolului	Autori	Publicația	Anul	Punctaj
4	A theoretical study regarding the influence of carbon amount on residual stress distribution in surface layer **Tip document: Articol** WOS:000634769100008	NC Tampu, RI Tampu, **BA Chirita**, E Herghelegiu	Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry, Volume 22, No. 1, pp. 081-088 ISSN 1582-540X FI: -	2021	30/4 = **7,5**
5	The analysis of high-pressure water jet cutting of thick aluminium alloy 6061-T651 from a statistical perspective **Tip articol: proceeding paper** DOI: 10.1088/1757-899X/916/1/012043 WOS:000625330000043	CC Grigoraș, **B Chiriță**, G Brabie, V Zichil, E Herghelegiu, C Tâmpu, C Ciofu, C Iancu	IOP Conf. Series: Materials Science and Engineering, 916, 012043 ISSN: 1757-899X	2020	25/8 = **3,12**
6	Influence of cutting parameters on surface hardness in milling of AL6061T6 **Tip articol: proceeding paper** DOI: 10.1088/1757-899X/916/1/012118 WOS:000625330000118	C Tampu, **B Chirita**, I Cristea, V Zichil, C Schnakovszky, E Herghelegiu, C Carausu	IOP Conf. Series: Materials Science and Engineering, 916, 012118 ISSN: 1757-899X	2020	25/7 = **3,57**
7	Evaluation of the corrosion inhibition potential of raphanus sativus and spinacia oleraceea extracts part II: mild steel corrosion inhibition by raphanus sativus and spinacia oleracea extracts as green corrosion inhibitors **Tip document: Articol** WOS:000577523900010	NC Tampu, RI Tampu, OI Patriciu, **BA Chiriță**, L Gavrilă	Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry, Volume 21, No. 3, pp. 435-444 ISSN 1582-540X FI: -	2020	30/5 = **6**

Nr. crt.	Titlul articolului	Autori	Publicația	Anul	Punctaj
8	Analysis of cutting forces and surface quality during face milling of a magnesium alloy **Tip articol: proceeding paper** doi: 10.1088/1757-899X/591/1/012006 WOS:000562929900006	**B. Chirita,** C. Grigoras, C. Tampu, E. Herghelegiu	Conf. Series: Materials Science and Engineering 591, 012006 ISSN: 1757-899X	2019	25/4 = **6,25**
9	Additive manufacturing of a stretch forming die using 3D printing technology **Tip articol: proceeding paper** doi: 10.1088/1757-899X/564/1/012017 WOS:000562599900017	C. Grigoraș, **B. Chiriță**, G. Brabie	IOP Conf. Series: Materials Science and Engineering 564, 012017 ISSN 1757-8981	2019	25/3 = **8,33**
10	Study on the influence of the working regime on the quality of cut in the case waterjet processing of S 235 steel **Tip articol: proceeding paper** doi:10.1088/1757-899X/591/1/012019 WOS:000562929900019	E Herghelegiu, MC Radu, C Schnakovszky, **BA Chirita**, NC Tampu	IOP Conf. Series: Materials Science and Engineering 591, 012019 ISSN 1757-8981	2019	25/5= **5**
11	Optimization of working parameters in case of aluminium alloy abrasive water jet cutting (AWJC) **Tip articol: proceeding paper** DOI: 10.1088/1757-899X/400/2/022052 WOS:000461147400052	Schnakovszky C., Herghelegiu E., Radu M.C., **Chirita B.A.**, Tampu N.C.	IOP Conference Series-Materials Science and Engineering, Volume: 400, Article Number: 022052 ISSN: 1757-8981	2018	25/5= **5**
12	Comparison Between Cemented Carbide and PCD Tools on Machinability of a High Silicon Aluminum Alloy **Tip document: Articol** DOI: 10.1007/s11665-017-2870-9 WOS:000411202500050	R. B. Soares, A. M. P. de Jesus, R. J. L. Neto, **B. Chirita**, P. A. R. Rosa, A. Reis	Journal of Materials Engineering and Performance Volume 26, Issue 9, pp 4638–4657 ISSN: 1059-9495 **FI: 1.331 (2016)**	2017	(30+10*1,331)/6= **7,21**

Nr. crt.	Titlul articolului	Autori	Publicația	Anul	Punctaj
13	Experimental Investigations to evaluate the effects of cutting parameters on cutting temperature and residual stresses during milling process of the AISI 1045 **Tip articol: proceeding paper** DOI: 10.1088/1757-899X/227/1/012001 WOS:000409221600001	Abdelkrim M, Brabie G, Belloufi A, Tampu C, **Chirita B.**	IOP Conference Series: Materials Science and Engineering, vol. 227, iss. 1 Article Number: UNSP 012001 ISSN: 1757-8981	2017	25/5= **5**
14	Experimental investigation on the effects of cooling system on surface quality in high speed milling of an aluminium alloy **Tip articol: proceeding paper** **DOI:** 10.1088/1757-899X/145/2/022006 WOS:000396437600006	**B Chirita**, NC Tampu, G Brabie, MC Radu	IOP Conference Series-Materials Science and Engineering, Volume: 145 Article Number: 022006 ISSN: 1757-8981	2016	25/4= **6,25**
15	The influence of milling-burnishing successive and simultaneous processes on the surface roughness **Tip articol: proceeding paper** doi:10.1088/1757-899X/145/2/022010 WOS:000396437600010	CC Grigoraș, G Brabie**, B Chirita**	IOP Conference Series: Materials Science and Engineering, vol. 145 Article Number: 022010 ISSN: 1757-8981	2016	25/3= **8,33**
16	The influence of milling-burnishing successive and simultaneous processes on the material hardness **Tip articol: proceeding paper** doi:10.1088/1757-899X/145/2/022009 WOS:000396437600009	CC Grigoraș, G Brabie, **B Chirita**	IOP Conference Series: Materials Science and Engineering, vol. 145 Article Number: 022009 ISSN: 1757-8981	2016	25/3= **8,33**

Nr. crt.	Titlul articolului	Autori	Publicația	Anul	Punctaj
17	Determination of the optimal time and cost of manufacturing flow of an assembly using the Taguchi method **Tip articol: proceeding paper** doi:10.1088/1757-899X/145/2/062009 WOS:000396437600114	S Petrila, G Brabie, **B Chirita**	IOP Conference Series: Materials Science and Engineering, vol. 145 Article Number: 062009 ISSN: 1757-8981	2016	25/3= **8,33**
18	The use of Tecnomatix software to simulate the manufacturing flows in an industrial enterprise producing hydrostatic components **Tip articol: proceeding paper** doi:10.1088/1757-899X/145/2/042032 WOS:000396437600084	S Petrila, G Brabie, **B Chirita**	IOP Conference Series: Materials Science and Engineering, vol. 145 Article Number: 042032 ISSN: 1757-8981	2016	25/3= **8,33**
19	Minimization of sheet thickness variation and other defects of mini drawn parts using a blank holder plate made from concentric rings **Tip document: Articol** doi:10.1016/j.precisioneng.2015.03.011 WOS:000359173400032 **Zona roșie/galbenă**	G. Brabie, **B. Chirita**, A. Albut	Precision Engineering Vol. 42, October 2015, Pages 311–320 ISSN: 0141-6359 **FI: 1.914 (2015)**	2015	(30+10*1,914)/3= **16,38**
20	A statistical analysis applied for optimal cooling system selection and for a superior surface quality of machined magnesium alloy parts **Tip document: Articol** DOI: 10.1177/0954405414530895 WOS:000350495300002	**Bogdan Chirita**, Gheorghe Mustea, Gheorghe Brabie	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture Vol. 229, iss. 3, pp. 392-408 ISSN 0954-4054 **FI: 0.978 (2015)**	2015	**(30+10*0,978)/3= 13,26**

Nr. crt.	Titlul articolului	Autori	Publicația	Anul	Punctaj
21	Influence of the cooling liquid on surface quality characteristics in milling **Tip articol: proceeding paper** DOI: 10.1088/1757-899X/95/1/012024 WOS:000365128900024	Tampu, NC Brabie, G Chirita, BA Herghelegiu, E Radu, MC	Book Series: IOP Conference Series-Materials Science and Engineering Volume: 95 Article Number: 012024 ISSN: 1757-8981	2015	25/5= **5**
22	Study of Residual Stresses Distribution Generated from Milling of Magnesium Alloy Parts **Tip articol: proceeding paper** DOI: 10.4028/www.scientific.net/AMM.657.18 WOS:000348898000004	**CHIRITA Bogdan Alexandru,** TAMPU Nicolae Catalin	Applied Mechanics and Materials vol. 657, pp. 18-22 ISSN 1660-9336	2014	**25/2=** **12,5**
23	Determination of Optimal Working Parameters of the Combined Burnishing – Turning Process by Applying the Method of Response Surfaces **Tip articol: proceeding paper** DOI: 10.4028/www.scientific.net/AMM.657.98 WOS:000348898000020	**CHIRITA Bogdan**, BRABIE Gheorghe, MUSTEA Gheorghe	Applied Mechanics and Materials, vol. 657, pp. 98-102, ISSN 1660-9336	2014	25/3= **8,33**
24	Residual Stresses Generated by the Combined Burnishing – Cutting Process in the Worked Parts **Tip articol: proceeding paper** DOI: 10.4028/www.scientific.net/AMM.657.103 WOS:000348898000021	BRABIE Gheorghe, MUSTEA Gheorghe, **CHIRITA Bogdan**	Applied Mechanics and Materials, vol. 657, pp. 103-107 ISSN 1660-9336	2014	25/3= **8,33**

Nr. crt.	Titlul articolului	Autori	Publicația	Anul	Punctaj
25	Reduction of the sheet thickness variation and its negative effects on the accuracy of mini drawn parts using different geometries of tool components **Tip document: Articol** DOI: 10.1016/j.precisioneng.2014.04.011 WOS:000341219400014 **Zona roșie/galbenă**	G. Brabie, E.M. Costache, **B. Chirita**	Precision Engineering vol. 38, iss. 4, pp. 828-838 ISSN: 0141-6359 **FI: 1.517 (2014)**	2014	(30+10*1,517)/3 = **15,05**
26	Influence of the cutting regime on the residuual stresses generated by carbon steel milling **Tip document: Articol** Accession Number: WOS:000339305400007	N. C. Tâmpu, **B. Chiriţă**, E. Herghelegiu, G. Brabie	Indian Journal of Engineering & Materials Sciences vol. 21, iss. 3, pp. 283-288 ISSN 0971-4588 **FI: 0.413 (2014)**	2014	(30+10*0,413)/4 = **8,53**
27	Analysis of Surface Roughness for High Speed Milling of a Magnesium Alloy Part **Tip document: ISI Proceeding paper** DOI: 10.4028/www.scientific.net/AMR.837.33 WOS:000337000500007	**Chirita B.A.**, Tampu N.C.	Advanced Materials Research vol. 837, pp 33-38 ISSN: 1662-8985	2014	25/2 = **12,5**
28	Prediction and prevention of material cracking in the case of micro or milli drawn parts made from aluminium foils **Tip document: Articol** WOS:000318139900012 **Zona roșie/galbenă**	Costache, E. M., Nanu, N., **Chirita, B.**, Brabie, G	International Journal of Mechanical Sciences vol. 69, pp. 125-140 ISSN 0020-7403 **FI: 2.061 (2013)**	2013	(30+10*2,061)/4 = **12,65**

Nr. crt.	Titlul articolului	Autori	Publicația	Anul	Punctaj
29	Prediction and minimisation of sheet thickness variation during deep drawing of micro/milli parts **Tip document: Articol** DOI: 10.1016/j.ijmecsci.2013.01.028 WOS:000316974800025 **Zona roșie/galbenă**	Brabie, G., Costache, E. M., Nanu, N., **Chirita, B.**	International Journal of Mechanical Sciences vol. 68, pp. 277-290 ISSN 0020-7403 **FI: 2.061 (2013)**	2013	(30+10*2,061)/4 = **12,65**
30	The Effect of Residual Stresses on the Accuracy of Parts Processed by SPIF **Tip document: Articol** DOI: 10.1080/10426914.2013.763967 WOS:000318346700013	Radu Crina, Tampu Catalin, Cristea Ion, **Chiriță Bogdan**	Materials and Manufacturing Processes vol. 28, iss. 5, pp. 572-576 ISSN 1042-6914 **FI: 1.486 (2013)**	2013	(30+10*1,486)/4 = **11,21**
31	Spring-back of Pre-strained High Strength Steel Stripes **Tip document: ISI Proceeding paper** DOI: 10.4028/www.scientific.net/AMM.371.333 WOS:000334556900065	Chirita B.	Applied Mechanics and Materials vol. 371, pp 333-337 ISSN 1660-9336	2013	25/1 = **25**
32	Influence of the Temperature and Mechanical Stresses Generated by Milling Process in Machined Part Surfaces on their Accuracy **Tip document: ISI Proceeding paper** DOI: 10.4028/www.scientific.net/AMM.371.59 WOS:000334556900012	TAMPU Nicolae Cătălin, RADU Maria Crina, **Chirita Bogdan**	Applied Mechanics and Materials Vol. 371, pp 59-63 ISSN 1660-9336	2013	25/3 = **8,33**

Nr. crt.	Titlul articolului	Autori	Publicația	Anul	Punctaj
33	Effect of pre-straining on springback of sheet metals in U-bending **Tip document: ISI Proceeding paper** Accession Number: WOS:000392260500051	Chirita B.	Proceedings of The 15th International Conference Modern Technologies, Quality and Innovation ModTech 2011, Volume I **Pages:** 201-204 ISSN 2069-6736	2011	25/1= **25**
34	Influence of residual stress distribution in sheet metal forming **Tip document: ISI Proceeding paper** Accession Number: WOS:000282604000043	Chirita Bogdan	Proceedings of the International Conference ModTech, 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010) pp. 183-186 ISSN 2066-3919	2010	25/1 = **25**
35	Analysis of the springback and residual stresses generated by cold plastic forming in drawn round parts made from steel sheets **Tip document: Articol** Accession Number: WOS:000270922700004	Brabie G., **Chirita B.**, Nanu N., Ciubotariu V.	Metalurgia International vol. 14, no. 12, p. 21-27 ISSN 1582-2214 **FI: 0 (2008)**	2009	(30+10*0)/4 = **7,5**
Total					**356,63**

A2.2 . Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale – **minim 8 pentru profesor**

Nr. crt.	Titlul articolului	Autori	Publicația	Indexare BDI	Punctaj 15/(nr. autori)
1.	Multi-input fuzzy inference system based model to predict the cutting temperature when milling AISI 1060 steel DOI: 10.22201/icat.24486736e.2023.21.3.1818	Abdelkrim F., Abdelkrim M., Belloufi A., Tampu C., **Chirita B.** Brabie G.	Journal of Applied Research and Technology, 21 (3), pp. 496 – 513, 2023 ISSN 1665-6423	Scopus Scientific Electronic Library Online (SCIELO) Directory of Open Access Journals (DOAJ) Red de Revistas Científicas de América Latina y el Caribe, España y Portugal (REDALYC) Índice Latinoamericano de Publicaciones Científicas Seriadas (Latindex) Índice de Revistas Latinoamericanas en Ciencias (Periódica) Consejo Nacional de Ciencia y Tecnología (CONACyT – Mexico)	15/6 = **2,5**
2.	Optimization of cut quality for AWJ processing of a steel alloy DOI: 10.54684/ijmmt.2023.15.2.20	**Chirita B,** Herghelegiu E, Radu C, Grigoras C, Tampu C	International Journal of Modern Manufacturing Technologies, vol. XV, iss. 2, pp. 20 – 28, Dec. 2023 ISSN 2067–3604	SCOPUS; INDEX COPERNICUS; IET-INSPEC; GOOGLE SCHOLAR;CHINA NATIONAL KNOWLEDGE INFRASTRUCTURE (CNKI).	15/5= **3**
3.	High-pressure water jet cutting of S235JR steel alloy. Influence of process parameters on dimensional accuracy DOI: 10.1088/1757-899X/1182/1/012027	CC Grigoraș, **B Chiriță**, G Brabie, V Zichil, E Herghelegiu, C Tâmpu, VA Ciubotariu	IOP Conf. Series: Materials Science and Engineering, volume 1182, 2021, 012027 Online ISSN: 1757-899X Print ISSN: 1757-8981	SCOPUS, Google Academic	15/7 = **2,14**

Nr. crt.	Titlul articolului	Autori	Publicația	Indexare BDI	Punctaj 15/(nr. autori)
4.	Influence of process parameters on the AWJ cutting of the AL-EN AW 2017A (T4) aluminium alloy DOI: 10.1088/1757-899X/1009/1/012048	MC Radu, C Schnakovszky, **BA Chirita**, NC Tampu, VA Ciubotariu, E Herghelegiu	IOP Conf. Series: Materials Science and Engineering, volume 1009, 2021, 012048 Online ISSN: 1757-899X Print ISSN: 1757-8981	SCOPUS, Google Academic	15/6 = **2,5**
5.	Modelling and optimization of magnesium alloy milling parameters DOI: 10.54684/ijmmt.2021.13.3.29	**B Chirita**, C Tampu, E Herghelegiu, C Grigoras	International Journal of Modern Manufacturing Technologies, vol. XIII, no. 3, pp. 29-36, 2021 ISSN 2067-3604	SCOPUS; INDEX COPERNICUS; IET-INSPEC; GOOGLE SCHOLAR;CHINA NATIONAL KNOWLEDGE INFRASTRUCTURE (CNKI).	15/4 = **3,75**
6.	Stretch forming using heated die	CC Grigoraș, **B Chirita**, V Zichil, E Herghelegiu, C Tampu, V Ciubotariu	Journal of Engineering Studies and Research, vol 27, nr. 4, pp. 24-29, 2021 ISSN 2068-7559	Index Copernicus, CSA, ProQuest, ERIH PLUS, Google Academic	15/6 = **2,5**
7.	A Python and Java software approach for 2.5 axes, self-adaptive stretch forming process and IoT solution DOI: 10.1088/1757-899X/968/1/012029	C C Grigoraș, **B Chirita**, G Brabie	IOP Conf. Series: Materials Science and Engineering, volume 968, 2020, 012029 Online ISSN: 1757-899X Print ISSN: 1757-8981	SCOPUS, Google Academic	15/3 = **5**
8.	Fracture Investigation in Draw Bending of AZ31B Sheets using Fuzzy Logic Prediction DOI: 10.1016/j.promfg.2020.04.323	C. Ciofu, C. Grigoras, **B.A. Chirita,** C.A. Iancu, G. Brabie	Procedia Manufacturing, Volume 47, Pages 1462-1467, 2020 ISSN 2351-9789	INSPEC	15/5= **3**
9.	Optimization of turning parameters using an algortim based on combined linear and binary search methods DOI: 10.29081/jesr.v26i1.351	D.G. Prutica, G. Brabie, **B. Chirita**	Journal of Engineering Studies and Research, vol. 26, no. 1, pp. 66-72, 2019 ISSN 2068-7559	Index Copernicus, CSA, ProQuest, ERIH PLUS, Google Academic	15/3= **5**

Nr. crt.	Titlul articolului	Autori	Publicația	Indexare BDI	Punctaj 15/(nr. autori)
10.	Automated cutting tools selection for bearings components turning process DOI: 10.29081/jesr.v26i1.352	D.G. Prutica, G. Brabie, **B. Chirita**	Journal of Engineering Studies and Research, vol. 26, no. 1, pp. 73-79, 2019 ISSN 2068-7559	Index Copernicus, CSA, ProQuest, ERIH PLUS, Google Academic	15/3= **5**
11.	Experimental analysis of AZ31B magnesium alloy sheet failure using punch stretching doi: 10.1088/1757-899X/682/1/012009	C. Grigoras, **B. Chirita**, G. Brabie, C. Ciofu	IOP Conf. Series: Materials Science and Engineering 682, 012009, 2019 Online ISSN: 1757-899X Print ISSN: 1757-8981	SCOPUS, Google Academic	15/4= **3,75**
12.	Tendencies in forming sheet metal parts using incremental forming advanced technologies	C. Ciofu, **B. Chirita**, R. Lupu, C. Grigoraș, C. Radu, G. Brabie	Journal of Engineering Studies and Research, vol. 25, no. 3, pp. 15-21, 2019 ISSN 2068-7559	Index Copernicus, CSA, ProQuest, ERIH PLUS, Google Academic	15/6= **2,5**
13.	Equipment for Testing the Worm and Worm Gear Assembly From "Liquid Wood" and Comparative MEF Analyses	C. Ciofu, C. Carausu, S.N. Mazurchevici, V. Paunoiu, **B. Chirita**	International Journal of Modern Manufacturing Technologies, vol. X, No. 2, pp. 45-50, 2018 ISSN 2067–3604	SCOPUS; INDEX COPERNICUS INTERNATIONAL; IET-INSPEC; GOOGLE SCHOLAR	15/5= **3**
14.	Experimental research concerning the bending of AZ31 magnesium alloy sheets	A.D. Borș, G. Brabie, **B. Chirita**	Proceedings in Manufacturing Systems, vol. 12, iss. 3, pp. 95-100, 2017 ISSN 2067-9238	ProQuest, Index Coperinicus, ULRICHSWEB Global Serials Directory, Google Scholar	15/3= **5**
15.	Residual stresses generated at roughing grinding and hard turning of raceways of bearing rings	Iurea P., Cărăușu C-tin, Tâmpu C., **Chirita B.**, Hușanu V.	International Journal of Modern Manufacturing Technologies, vol. VIII, nr. 2, pp. 19-24, 2016 ISSN 2067-3604	SCOPUS; INDEX COPERNICUS INTERNATIONAL; IET-INSPEC; GOOGLE SCHOLAR	15/5= **3**

Nr. crt.	Titlul articolului	Autori	Publicația	Indexare BDI	Punctaj 15/(nr. autori)
16.	The impact of cooling system on surface quality in milling doi: 10.4028/www.scientific.net/AMM.809-810.135	**Chirita Bogdan Alexandru**, Tâmpu Nicolae Cătălin	Applied Mechanics and Materials, vol. 809-810, pp. 135-140, 2015 ISSN: 1662-7482	SCOPUS, Ei Compendex (CPX), Cambridge Scientific Abstracts (CSA), Chemical Abstracts (CA), Google and Google Scholar, ISI (ISTP, CPCI, Web of Science), Institution of Electrical Engineers (IEE)	15/2= **7,5**
17.	Influence of Inserts Number on Surface Quality in Milling doi:10.4028/www.scientific.net/AMM.809-810.177	Tâmpu Nicolae Cătălin, Brabie Gheorghe, **Chirita Bogdan Alexandru**	Applied Mechanics and Materials, vol. 809-810, pp. 177-182, 2015 ISSN: 1662-7482	SCOPUS, Ei Compendex (CPX), Cambridge Scientific Abstracts (CSA), Chemical Abstracts (CA), Google and Google Scholar, ISI (ISTP, CPCI, Web of Science), Institution of Electrical Engineers (IEE)	15/3= **5**
18.	Minimization of Sheet Thickness Variation and other Defects of the Mini Drawn Parts Using the Genetic Algorithms Method doi:10.4028/www.scientific.net/AMM.809-810.241	G. Brabie, **B. Chirita**	Applied Mechanics and Materials, vol. 809-810, pp. 241-246, 2015 ISSN: 1662-7482	SCOPUS, Ei Compendex (CPX), Cambridge Scientific Abstracts (CSA), Chemical Abstracts (CA), Google and Google Scholar, ISI (ISTP, CPCI, Web of Science), Institution of Electrical Engineers (IEE)	15/2= **7,5**
19.	Analysis of the sheet wrinkling variation and causes in the case of mini drawn parts doi:10.4028/www.scientific.net/AMM.809-810.247	G. Brabie, **B. Chirita**	Applied Mechanics and Materials, vol. 809-810, pp. 241-246, 2015 ISSN: 1662-7482	SCOPUS, Ei Compendex (CPX), Cambridge Scientific Abstracts (CSA), Chemical Abstracts (CA), Google and Google Scholar, ISI (ISTP, CPCI, Web of Science), Institution of Electrical Engineers (IEE)	15/2= **7,5**

Nr. crt.	Titlul articolului	Autori	Publicația	Indexare BDI	Punctaj 15/(nr. autori)
20.	Influence of the tool clearances on the dimensional accuracy of mini drawn parts doi: 10.4028/www.scientific.net/AMR.1036.309	BRABIE Gheorghe, **CHIRITA Bogdan**, COSTACHE Elena, TEACA Stefan	Advanced Materials Research, vol. 1036, pp. 309-313, 2014 ISSN:1662-8985	SCOPUS, Ei Compendex (CPX), Cambridge Scientific Abstracts (CSA), Chemical Abstracts (CA), Google and Google Scholar, ISI (ISTP, CPCI, Web of Science), Institution of Electrical Engineers (IEE)	15/4 = **3,75**
21.	Determination of the Optimal Blank Diameter in the Case of Mini Deep Drawing by Applying the Fuzzy Logic and Taguchi Methods doi: 10.4028/www.scientific.net/AMR.1036.304	BRABIE Gheorghe, **CHIRITA Bogdan**, COSTACHE Elena, TEACA Stefan	Advanced Materials Research, vol. 1036, pp. 304-308, 2014 ISSN:1662-8985	SCOPUS, Ei Compendex (CPX), Cambridge Scientific Abstracts (CSA), Chemical Abstracts (CA), Google and Google Scholar, ISI (ISTP, CPCI, Web of Science), Institution of Electrical Engineers (IEE)	15/4 = **3,75**
22.	Methods of optimisation of sheet metal forming processes concerning the reduction of springback	Chirita B.	The Annals of "Dunarea de Jos" University Galati, Fascicle V Technologies in Machine Building, Galati, Romania, pp. 155-156, 2009 ISSN 1221-4566	ProQuest CSA Google Scholar	**15**
Total					**101,64**

A2.3. Articole in extenso în Reviste/Proceedings naționale/internaționale neindexate, 6/(nr. autori) – Reviste, 4/(nr. autori) – Proceedings

Nr. crt.	Titlul articolului	Autori	Publicația	Punctaj
2	Research upon residual stress distribution and springback behaviour of sheet metals	Chirita B.	TSTM-15, nr. 2, Technical Sciences Academy of Romania, University of Bacau, 2009, pp. 21-27**,** ISSN 1224-7499	**6**
Total				**6**

A2.4. Proprietate intelectuală, brevete de invenție și inovație etc.

Nr. crt.	Titlul	Autori	Punctaj 20/(nr. autori)
1	Brevet invenție RO 123015 B1, data publicării: 30.07.2010 BOPI nr. 7/2010 **Freză frontală cu dinți foarte deși**	Gherghel Mihai **Chiriță Bogdan**	20/2 = **10**
Total			**10**

A2.5. Granturi / proiecte câștigate prin competiție

A2.5.1. Director / Responsabil – minim 2D sau 4R pentru profesor; internaționale 20*val/(10 mii €), naționale 10*val/(10 mii €)

Nr. crt.	Denumire grant/proiect	Tip proiect	Valoare	Punctaj
1	**Tehnologii de fabricare inteligente pentru productia avansata a pieselor din industriile de automobile si aeronautica** PN-III-P1-1.2-PCCDI-2017-0446, PNCDI III, Programul 1 - Proiecte Complexe realizate în consorţii CDI – 2017, 2018 – 2020 **Responsabil IC proiect component pentru Universitatea „Vasile Alecsandri" din Bacău**	PNCDI III, Programul 1 - Proiecte Complexe realizate în consorţii CDI – 2017	1.057.500 RON (valoare: 226.980 Euro / martie 2018)	10*226.980/10.000 = **226,98**
5	**Studiul tensiunilor reziduale, a efectelor asupra revenirii elastice a pieselor obținute prin deformarea plastica a tablelor metalice si a posibilităților de eliminare a acestor efecte** Program de excelenta pentru tineri cercetători CEEX nr. 3169/12.10.2005 Perioada: 2005-2007 (2 ani) **Director de proiect**	Program de excelenta pentru tineri cercetători CEEX	65000 RON	(10*18571)/10000 = **18,57**
6	**Cercetări experimentale si prin simulare privind factorii de influenta ai revenirii elastice la îndoirea in U a tablelor metalice** Program CNCSIS tip Td nr. 3380/29.06.2004 Perioada: 2004 (1 an) **Director de program**	Program CNCSIS	5600 RON	(10*1380)/10000 = **1,38**
Total				**246,93**

A2.5.2. Membru în echipă; internaționale 4*nr. ani participare în proiect, naționale 2*nr. ani participare în proiect

Nr. crt.	Denumire grant/proiect	Tip proiect	Național / internațional	Punctaj
1	**The Intelligent System for Netshape Forming of Metal Sheet Products** Perioada 2002-2005 (3 ani) Parteneri: Universitatea Tehnica din Wroclaw – Polonia, Universitatea Savoie – Franta, Universitatea Porto – Portugalia, Autotools – Polonia, MFI Poznan – Polonia, SEP – Franta, PJ Ferramentas – Portugalia, WMW Bacau – Romania, SC Mecanica Ceahlau Piatra Neamt – Romania, 150.000 Euro	Program Cadru 5	Internațional	4*3 = **12**
2	**The System for Metal Sheet Forming Design** Perioada 1997-2000 (participare 2 ani) Parteneri: Universitatea Savoie – Annecy (Franta), Universitatea Tehnica din Wroclaw (Polonia), Universitatea Porto (Portugalia), 47000 Euro	Program Copernicus IC15CT970708	Internațional	4*2 = **8**
3	**Tehnologii ecologice și economice pentru prelucrarea tablelor metalice folosite la realizarea blindajelor** Contract PN II 297/2014 Perioada: 2014-2017	Program PN II – PCCA	Național	2*3 **= 6**
4	**Factori de influenta, modelarea fenomenelor specifice si optimizarea procesului de micro/milli ambutisare a tablelor metalice cu grosimi sub 0.2mm** Contract PNII PCE 178/2011 Perioada: 2011-2012 (1 an)	Program PN II – PCE	Național	2*1 = **2**
5	**Modelarea pe baza analizei experimentale şi prin simulare a interacţiunii dintre procesele fizice de generare a tensiunilor reziduale şi revenire elastică la deformarea plastică a tablelor metalice** Program PNII – IDEI 595/2009 Perioada: 2009 – 2011 (2 ani)	Program PNII – IDEI	Național	2*2 = **4**

Nr. crt.	Denumire grant/proiect	Tip proiect	Național / internațional	Punctaj
6	**Modernizarea și consolidarea infrastructurii de cercetare a grupului de laboratoare de cercetare specifice deformării plastice la rece a tablelor metalice** Program PNCDI II Capacităţi nr. 115/2007 Perioada:2007-2009 (2 ani)	Program PN II Capacităţi	Național	2*2 = **4**
7	**Tehnologie integrata de fabricație a pieselor realizate din table metalice subțiri** Program CEEX 317/2006 Perioada: 2006-2008 (2 ani)	Program CEEX	Național	2*2 = **4**
8	**Reţea naţională de cercetare în domeniul ingineriei integrate a produselor şi proceselor** Program CEEX 243/6 – 2006 Perioada: 2006-2008 (2 ani)	Program CEEX	Național	2*2 = **4**
Total				**44**

A2.6. Coordonare / dezvoltare laborator / centru de cercetare (dacă este și didactic, punctajul se cuantifică o singură dată) – responsabil 40 puncte

Nr. crt.	Laborator / centru de cercetare	Punctaj
1	Cercetări privind calitatea proceselor de prelucrare prin așchiere	40
Total		**40**

A3. RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII

Punctaj minim 100 puncte

Punctaj realizat 813,26 puncte

A3.1. Citări în reviste ISI și BDI – ISI 10/nr. autori articol citat, BDI 5/nr. autori articol citat

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
1.	**Grigoras CC, Zichil V, Chirita B, Ciubotariu VA - Adaptive Stretch-Forming Process: A Computer Vision and Statistical Analysis Approach, Machines, vol. 9, iss. 12, art. nr. 357, ISSN 2075-1702, 2021**	**6,25**
	Lucrări care citează: 2 ISI, 1 BDI	
	Grigoras CC, Zichil V, Ciubotariu VA, Cosa SM - **Machine Learning, Mechatronics, and Stretch Forming: A History of Innovation in Manufacturing Engineering,** *Machines*, Volume12, Issue 3, Article Number 180, 2024 DOI 10.3390/machines12030180	10/4 = 2,5
2.	Ciubotariu VA, Grigoras CC, Zichil V, Rosu AM - **An Adaptive Algorithm and Additively Manufactured Punch Used to Form Aluminum Sheet Metal Parts,** *Materials*, Volume 16, Issue 10, Article Number 3704, 2023 DOI 10.3390/ma16103704	10/4 = 2,5
3.	Grigoras CC, Zichil V, Drob C, Ciubotariu VA – **Analysis of the statistical data generated by an adaptive stretch forming processes,** *International Journal of Modern Manufacturing Technologies*, Volume XIV, No. 3, pp. 70-75, 2022 https://doi.org/ 10.54684/ijmmt.2022.14.3.70	5/4 = 1,25
4.	**C Tampu, B Chirita, I Cristea, V Zichil, C Schnakovszky, E Herghelegiu, C Carausu - Influence of cutting parameters on surface hardness in milling of AL6061T6, IOP Conf. Series: Materials Science and Engineering, 916, 012118, 2020**	**2,84**
	Lucrări care citează: 2 ISI	
	Ullrich, K; von Elling, M; Gutzeit, K, a.o. - **AI-based optimisation of total machining performance: A review,** *CIRP JOURNAL OF MANUFACTURING SCIENCE AND TECHNOLOGY*, Volume 50, pp. 40-54, 2024 DOI 10.1016/j.cirpj.2024.01.012	10/7 = 1,42

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
5.	Liu, J; Chen, GJ; Zhao, LX; Yu, ZW; Jia, XF - **Research status and development trend of cutting surface integrity of aerospace alloy materials,** *INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY*, Volume 127, Issue 1-2, pp. 45-63, 2023 DOI 10.1007/s00170-023-11558-z	10/7 = 1,42
6.	**NC Tampu, RI Tampu, OI Patriciu, BA Chiriță, L Gavrilă - Evaluation of the corrosion inhibition potential of raphanus sativus and spinacia oleraceea extracts part II: mild steel corrosion inhibition by raphanus sativus and spinacia oleracea extracts as green corrosion inhibitors, Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry, Volume 21, No. 3 (2020), pp. 435-444, ISSN 1582-540X**	**2**
	Lucrări care citează: 1 ISI	
	Ahmed, Junaid E. S., Ganesh, G. Mohan - **A Comprehensive Overview on Corrosion in RCC and Its Prevention Using Various Green Corrosion Inhibitors,** *Buildings*, Volume12, Issue10, Article Number 1682, 2022 DOI10.3390/buildings12101682	10/5= 2
7.	**CC Grigoraș, B Chiriță, G Brabie, V Zichil, E Herghelegiu, C Tâmpu, C Ciofu, C Iancu - The analysis of high-pressure water jet cutting of thick aluminium alloy 6061-T651 from a statistical perspective, IOP Conf. Series: Materials Science and Engineering, 916, 012043, 2020, ISSN: 1757-899X DOI: 10.1088/1757-899X/916/1/012043**	**2,50**
	Lucrări care citează: 2 ISI	
	Fajdek-Bieda, A, Perec, A, Radomska-Zalas, A - **Modeling and Optimization of Geraniol ((2E)-3,7-Dimethyl-2,6-Octadiene-l-ol) Transformation Process Using Response Surface Methodology (RSM)**, Catalysts, vol. 13, iss. 2, art. no. 320, 2023 DOI 10.3390/catal13020320	10/8=1,25
	Ren, Y.; Wang, L.; Ma, M.; Cheng, W.; Li, B.; Lou, Y.; Li, J.; Ma, X. **Stepwise Removal Process Analysis Based on Layered Corrosion Oxides**. Materials, 2022, 15, 7559. https://doi.org/10.3390/ma15217559	10/8=1,25
8.	**C. Grigoraș, B. Chiriță, G. Brabie - Additive manufacturing of a stretch forming die using 3D printing technology, IOP Conf. Series: Materials Science and Engineering 564, 012017, 2019, ISSN 1757-8981 doi: 10.1088/1757-899X/564/1/012017**	**4,99**
	Lucrare care citează: 1 ISI, 1 BDI	

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
	Ciubotariu VA, Grigoras CC, Zichil V, Rosu AM - **An Adaptive Algorithm and Additively Manufactured Punch Used to Form Aluminum Sheet Metal Parts,** *Materials*, Volume 16, Issue 10, Article Number 3704, 2023 DOI 10.3390/ma16103704	10/3 = 3,33
	F.E. Nouman, S.A. Nama, H.H. Mahdi - **EFFECT OF INFILL PERCENTAGE FOR 3D PRINTED DIES ON SPRING BACK FOR ALUMINUM SHEETS**, International Journal on "Technical and Physical Problems of Engineering" (IJTPE), Issue 49 Volume 13 Number 4 Pages 27-32, December 2021, ISSN 2077-3528	5/3=1,66
9.	**B Chirita, C Grigoras, C Tampu, E Herghelegiu - Analysis of cutting forces and surface quality during face milling of a magnesium alloy, IOP Conference Series: Materials Science and Engineering 591 (1), 012006, 2019, doi:10.1088/1757-899X/591/1/012006**	**22,5**
	Lucrări care citează: 8 ISI, 2 BDI	
	Zagórski, I; Kulisz, M; Szczepaniak, A - **Roughness Parameters with Statistical Analysis and Modelling Using Artificial Neural Networks After Finish Milling of Magnesium Alloys with Different Edge Helix Angle Tools**, STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, Volume 70, Issue 1-2, Page 27-41, 2024 DOI 10.5545/sv-jme.2023.596	10/4=2,5
	Li, LF; Xu, JY; Guo, GQ; Gupta, MK; Chen, M - **Wear behavior of different coated tools in MQL-assisted milling of magnesium-based rare-earth alloys**, JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, Volume 27, Page 1665-1682, 2023 DOI 10.1016/j.jmrt.2023.10.003	10/4=2,5
	Xu, JY; Shen, JX; Li, LF; Guo, GQ; Zhu, XF; Meng, Y; Chen, M - **Milling machinability analysis of GW63K rare-earth magnesium alloys based on the concept of clean cutting**, JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, Volume 26, Page 9380-9391, 2023 DOI10.1016/j.jmrt.2023.09.209	10/4=2,5
	Korpysa, J; Kuczmaszewski, J; Zagórski, I - **Surface Quality of AZ91D Magnesium Alloy After Precision Milling with Coated Tools**, Volume 69, Issue 11-12, Page 497-508, 2023 DOI10.5545/sv-jme.2023.651	10/4=2,5

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
	Felhő, C., & Tesfom, F. - **Investigation of cutting force components and surface roughness in face milling with different cutting ratios. Engineering and IT Solutions**, 3(2.), 52–65, (2022). https://doi.org/10.37775/EIS.2022.2.5	5/2=2,5
	Kulisz, M; Zagorski, I; Jozwik, J; Korpysa, J - **Research, Modelling and Prediction of the Influence of Technological Parameters on the Selected 3D Roughness Parameters, as Well as Temperature, Shape and Geometry of Chips in Milling AZ91D Alloy**, *Materials*, Volume 15, Issue 12, Article Number 4277, 2022 DOI10.3390/ma15124277	10/4=2,5
	Sun, XY; Wang, XY; Hu, YW; Duan, JA - **The effect of micro-texture on wear resistance of WC/Co-based tools during cutting Ti-6Al-4V,** *APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING,* Volume 127, Issue 6, Article Number 453, 2021 DOI10.1007/s00339-021-04576-9	10/4=2,5
	Sarikaya, M; Gupta, MK; Tomaz, I a.o. - **Cooling techniques to improve the machinability and sustainability of light-weight alloys: A state-of-the-art review**, *JOURNAL OF MANUFACTURING PROCESSES*, Volume 62, Page 179-201, 2021 DOI10.1016/j.jmapro.2020.12.013	10/4=2,5
	Al Hazza, Muataz Hazza F.;Ali, Mohammad Yeakubb; Bt. Juraimi N.A.; Adesta, Erry Y. T. - **Assessment of flank wear and tool life in high speed face milling under dry and near dry machining**, *Proceedings of the 5th NA International Conference on Industrial Engineering and Operations Management*, IEOM Society, ID 729, pp. 3681-3689, 2020 https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096605744&partnerID=40&md5=3a3713da909ade65e1f20a2fe9223bbc	5/4=1,25
	Zagórski, I.; Korpysa, J. - **Surface Quality Assessment after Milling AZ91D Magnesium Alloy Using PCD Tool**. *Materials,* Volume: 13, Issue: 3, Article Number: 617, 2020 DOI: 10.3390/ma13030617	10/4=2,5
10.	**C Ciofu, C Carausu, SN Mazurchevici, V Paunoiu, B Chirita - Equipment for testing the worm and worm gear assembly from" liquid wood" and comparative MEF analyses, International Journal of Modern Manufacturing Technologies, vol. X, No. 2, pp. 45-50, 2018**	**2**
	Lucrări care citează: 2 BDI	

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Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
	Takeshi Kojima (2014). **Nano/Micro Processing**. Journal of the Japan Society for Technology of Plasticity, 55(643), 743-747. https://doi.org/10.9773/sosei.55.743	5/4=1,25
	Nosova, E., Erisov, Y., & Grechnikov, F. (2017). **Multi-cycle rolled aluminum alloy 3103 sandwiches: mechanical properties and stamp ability.** *INTERNATIONAL CONFERENCE ON MODERN TRENDS IN MANUFACTURING TECHNOLOGIES AND EQUIPMENT (ICMTMTE 2017)*, MATEC Web Conf., vol. 129, art. no. 02021. https://doi.org/10.1051/matecconf/201712902021	10/4=2,5
	Mahmudah A, Kiswanto G, Priadi D. **Research clustering and the state of the art in micro-sheet-metal forming: a review**. Int J Manuf Res. 2019 Jan 1;14(4):311–33. https://doi.org/10.1504/IJMR.2019.104394	5/4=1,25
31.	**Chirita B. - Spring-back of Pre-strained High Strength Steel Stripes, Proceedings of Innovative Manufacturing Engineering (IManE), Applied Mechanics and Materials Vol. 371 (2013) pp 333-337**	**10**
	Lucrări care citează: 1 ISI	
	Zajkani, A., & Hajbarati, H. (2017). **Investigation of the variable elastic unloading modulus coupled with nonlinear kinematic hardening in springback measuring of advanced high-strength steel in U-shaped process.** Journal of Manufacturing Processes, 25, 391-401. ISSN: 1526-6125 https://doi.org/10.1016/j.jmapro.2016.12.022	10
32.	**TAMPU Nicolae Cătălin, RADU Maria Crina, Chirita B. - Influence of the Temperature and Mechanical Stresses Generated by Milling Process in Machined Part Surfaces on their Accuracy, Proceedings of Innovative Manufacturing Engineering (IManE), Applied Mechanics and Materials Vol. 371 (2013) pp 59-63**	**3,33**
	Lucrări care citează: 1 ISI	
	Citare in: Alexandre Jean-François Chatelain, Jean-François Lalonde, Marek Balazinski, Xavier Rimpault - **An experimental investigation of the influence of cutting parameters on workpiece internal temperature during Al2024-T3 milling**, INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, Volume: 97 Issue: 1-4 Pages: 413-426, 2018 DOI: 10.1007/s00170-018-1948-3 (**ISI**)	10/3=3,33

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
33.	**Chirita Bogdan - Influence of residual stress distribution in sheet metal forming, Proceedings of the International Conference ModTech, 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010), Slanic Moldova, Romania, 20-22 mai 2010, ISSN 2066-3919, pp. 183-186**	**5**
	Lucrări care citează: 1 BDI	
	Citare in: Teaca R.S., Brabie G., **Numerical Analysis of the Residual Stresses Caused by Forming Process in Case of Conical Mini-Parts**, Advanced Materials Research, vol. 1036, 2014, pp. 269-273, ISSN:1662-8985 DOI: 10.4028/www.scientific.net/AMR.1036.269 (**BDI**)	5
34.	**Chirita B. – Methods of optimisation of sheet metal forming processes concerning the reduction of springback, The Annals of ”Dunarea de Jos” University Galati, Fascicle V Technologies in Machine Building, Galati, Romania, 2009, pp. 155-158, ISSN 1221-4566**	**5**
	Lucrări care citează: 1 BDI	
	Citare in: NA Maske, JK Sawale, **Taguchi approach for investigation of springback effect in aluminum sheet**, International Journal of Mechanical Engineering and Robotics Research, vol. 2, nr. 3, pp. 322-330, 2013, ISSN 2278-0149 (**BDI** – ProQuest, Google Scholar)	5/1 = 5
35.	**Brabie G., Chirita B., Nanu N., Ciubotariu V. – Analysis of the springback and residual stresses generated by cold plastic forming in drawn round parts made from steel sheets, Metalurgia International, vol. 14, no. 12, 2009, p. 21-27, ISSN 1582-2214**	**16,25**
	Lucrări care citează: 4 ISI, 5 BDI	
	JE Dessie, Z Lukacs - **The effect of pre-painting and W-temper forming on springback**, Pollack Periodica, (published online ahead of print 2024), Available From: AKJournals, 2024 https://doi.org/10.1556/606.2024.00999	5/4=1,25
	Aydın, Murat et al. **“Çoklu Bükme Operasyonlarında Şekillendirme Parametrelerinin Geri Yaylanma Üzerine Etkisi”**. Düzce Üniversitesi Bilim Ve Teknoloji Dergisi, vol. 12, no. 2, 2024, pp. 847-5 doi:10.29130/dubited.1269339	5/4=1,25

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
	Jemal, DE; Zsolt, L - **Experimental investigation of the effect of W-temper forming process parameters on springback**, 42ND CONFERENCE OF THE INTERNATIONAL DEEP DRAWING RESEARCH GROUP, IOP Conference Series-Materials Science and Engineering, Volume1284, Article Number 012066, 2023 DOI 10.1088/1757-899X/1284/1/012066	10/4 = 2,5
	Ye-kun Feng, Shan-guang Shi, Ze-yu Wang, Zhong-jin Wang - **Research on mechanism of springback control by viscous medium with different mechanical properties**, *Journal of Materials Processing Technology,* Volume 304, 2022, 117548 https://doi.org/10.1016/j.jmatprotec.2022.117548.	10/4 = 2,5
	Citare în: Nanu, N., Brabie, G. - **Analytical model for prediction of springback parameters in the case of U stretch-bending process as a function of stresses distribution in the sheet thickness**, International Journal of Mechanical Sciences, vol. 64, iss. 1, pp. 11-21, 2012 doi:10.1016/j.ijmecsci.2012.08.007 (**ISI**)	10/4 = 2,5
	Citare in: Siswanto W.A., Anggono A.D., Omar B., Jusoff K, **An Alternate Method to Springback Compensation for Sheet Metal Forming**, The Scientific World Journal, Article ID 301271, **ISSN:** 1537-744X DOI: 10.1155/2014/301271 (**ISI**)	10/4 = 2,5
	Slota, J. ., Jurčišin, M. ., & Lazarescu, L. . (2014). **INFLUENCE OF TECHNOLOGICAL PARAMETERS ON THE SPRINGBACK ANGLE OF HIGH-STRENGTH STEELS**. *Acta Metallurgica Slovaca*, 20(2), 236–243. https://doi.org/10.12776/ams.v20i2.287	5/4 = 1,25
	Citare in: Slota J., Jurcisin M., Dvorak M. - **Experimental and numerical analysis of springback prediction in U-bendings of anisotropic sheet metals**, Mechanika - Scientific Letters of Rzeszow University of Technology, 85 (4/13), 2013, 2013, pp. 525-533, ISSN 0209-2689 DOI: 10.7862/rm.2013.47 (**BDI** – Google Scholar, Index Copernicus)	5/4 = 1,25
	Citare in: Jurcisin M., Slota J., Dvorak M. - **Numerical and experimental determination of springback in U-bending process**, MM (Modern Machinery) Science Journal, December 2013, pp. 440-442, ISSN 1803-1269, (**BDI** – Scopus, Ebsco, Google Scholar)	5/4=1,25
36.	**Chirita B. – Studies for the reduction of springback in sheet metal forming, Annals of Oradea University, Fascicle of Management and Technological Engineering, volume VII (XVII), 2008, p. 1295-1299, ISSN 1583-0691**	**20**
	Lucrări care citează: 2 ISI	

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
	Citare in: Nekahi, A., Dehghani, K. - **Modeling the thermomechanical effects on baking behavior of low carbon steels using response surface methodology,** Materials and Design, Volume 31, Issue 8, 2010, pp. 3845-3851 doi:10.1016/j.matdes.2010.03.038 (**ISI**)	10
	Citare in: Safikhani, H., Abbassi, A., Khalkhali, A., Kalteh, M., **Modeling and Optimization of Nanofluid Flow in Flat Tubes Using a Combination of CFD and Response Surface Methodology**, Heat Transfer—Asian Research, Volume: 44 Issue: 4 Pages: 377-39, 2015, ISSN: 1523-1496 DOI: 10.1002/htj.21126 (**ISI**)	10
37.	**Chirita B. – Analysis of the residual stress in sheet metal U bending, 10th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", TMT 2006, Barcelona – Lloret de Mar, Spain, 11-15 September, 2006, p. 133-136**	**10**
	Lucrări care citează: 1 ISI	
	Dionisius, F; Barkah, AS a.o. - **Investigation of Bending Load on Channel Profile through Deep Drawing Manufacturing,** RECENT PROGRESS ON: MECHANICAL, INFRASTRUCTURE AND INDUSTRIAL ENGINEERING, AIP Conference Proceedings, Volume 2227, Article Number 020018, 2020 DOI10.1063/5.0000991	10/1=10
38.	**Chirita B. – Control of springback intensity in U bending through variation of blankholder force, 9th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", TMT2005, Antalya, Turkey, 26-30 September, 2005, pp. 175-178**	**10**
	Lucrări care citează: 2 BDI	
	Said, R., Mehrabi, M. - **An Experimental and Simulation of Active Control of Springback Effects in Deep Drawing Processes**, SAE Technical Paper 2022-01-0240, 2022, ISSN: 0148-7191 https://doi.org/10.4271/2022-01-0240	5/1=5
	Spathopoulos SC, Stavroulakis GE. **Springback Prediction in Sheet Metal Forming, Based on Finite Element Analysis and Artificial Neural Network Approach**. *Applied Mechanics*. 2020; 1(2):97-110. https://doi.org/10.3390/applmech1020007	5/1=5
39.	**Brabie G., Chirita B., Chirila C. – Determination of the weld metal properties and behaviour in the case of tailor-welded blanks using the parallel tensile test and image-analysis method, Archives of civil and mechanical engineering, No. 2, Vol. IV, Polish Academy of Scince – Wroclaw Branch, Wroclaw, 2004, p. 41-47, ISSN 1644-9665**	**8,31**

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
	Lucrări care citează: 1 ISI, 3 BDI	
	Citare în: Ciubotariu V., Brabie G. - **Weld line behaviour during uniaxial tensile testing of tailor welded blanks**, Archives of Civil and Mechanical Engineering, Vol. 11, Iss. 4, pp. 811-824, 2011 doi:10.1016/S1644-9665(12)60079-X (**ISI**)	10/3=3,33
	Citare in: Brabie G., Nanu N., **Experimental and by simulation analysis of residual stress and sprinback in the case of metal sheets forming by using the "three bars" method**, THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI, Fascicle V, Technologies in Machine Building, pp.91-94, ISSN 1221-4566 (**BDI** – ProQuest, Google Scholar)	5/3=1,66
	Citare in: Babić, Z., Aleksandrović, S., Stefanović, M.& Šljivić, M., **Determination of tailor welded blanks formability characteristics**, Journal for Technology of Plasticity, vol. 33, no. 1-2, pp. 39-48, 2008, ISSN: 0354-3870 (**BDI**)	5/3=1,66
	Citare in: Brabie G., Albut A. - **Methods for Determination of the Weld Metal Properties in the Case of Tailor Welded Blanks Used in Manufacturing of Draw Parts**, Journal of Proceedings of the 15th International Conference on Manufacturing Systems – ICMaS, 26-27 October 2006, Bucharest, EDITURA ACADEMIEI ROMÂNE , pp. 379-382, ISSN 1842-3183 (**BDI**)	5/3=1,66
40.	**Chiriţă Bogdan – Experimental study of the influence of blankholder force on springback of sheet metal, Archives of civil and mechanical engineering, No. 1, Vol. III, Polish Academy of Scince – Wroclaw Branch, Wroclaw, 2003, p. 6-12, ISSN 1644-9665**	**55**
	Lucrări care citează: 3 ISI, 5 BDI	
	Citare in: Tang, L, Wang, H, Li, GY - **Advanced high strength steel springback optimization by projection-based heuristic global search algorithm**, MATERIALS & DESIGN, vol. 43, pp. 426–437, 2013 doi:10.1016/j.matdes.2012.06.045 (**ISI**)	10/1 = 10
	Citare in: Choudhury, IA, Ghomi V - **Springback reduction of aluminum sheet in V-bending dies,** Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, vol. 228, no. 8, pp. 917-926, 2014 doi: 10.1177/0954405413514225 (**ISI**)	10/1 = 10
	Liu, X., Zhao, S., Qin, Y., Zhao, J., & Wan-Nawang, W.-A. (2017). **A parametric study on the bending accuracy in micro W-bending using Taguchi method.** Measurement, 100, 233-242. https://doi.org/https://doi.org/10.1016/j.measurement.2016.12.007	10/1 = 10

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
	Trzepiecinski, T., & Lemu, H. G. (2017). **Prediction of springback in V-die air bending process by using finite element method**. 8th International Conference on Manufacturing Science and Education – MSE 2017 "Trends in New Industrial Revolution", MATEC Web Conf., vol. 121, 03023. eISSN: 2261-236X https://doi.org/10.1051/matecconf/201712103023	5/1=5
	Ghaith G. Hameed, Muhsin J. Jweeg and Ali Hussein, 2009. **Springback and Side Wall Curl of Metal Sheet in Plain Strain Deep Drawing**. Research Journal of Applied Sciences, vol. 4, iss. 5, pp. 192-201. ISSN : 1815-932x URL: http://medwelljournals.com/abstract/?doi=rjasci.2009.192.201	5/1=5
	R. Kesvarakul et al., **Applying 2^k Factorial Design to Study on Parameters Affecting Springback of Forming of Advanced High Strength Steel Sheets (AHSS)**, Applied Mechanics and Materials, Vol. 872, pp. 83-88, 2017 DOI: 10.4028/www.scientific.net/AMM.872.83	5/1=5
	Citare in: Yang A., **Effect of blankholder pressure on the spring-back in U-shaped bending of sheet material,** Die & Mold Industry, vol. 33(8), 2007, ISSN:1001-2168 DOI: 10.3969/j.issn.1001-2168.2007.08.015 (BDI – Google Scholar)	5/1=5
	Citare in: Sadiq J. Aziz - **The Effect of Hole Size and Location on Spring-back Phenomenon inSheet Metal Bending**, Journal of University of Babylon for Engineering Sciences, Vol. (26), No. (6), pp. 282-293, 2018	5/1=5
41.	**Chiriţă Bogdan, Brabie Gheorghe – Experimental analysis of different influences on springback of parts formed by U-bending, TMT2003, 7th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", Lloret del Mar, Barcelona – Spain, 15-17 September, 2003, p. 141-144**	**20**
	Lucrări care citează: 1 ISI, 6 BDI	
	Albut, A., Brabie, G. - **The influence of the rolling direction of the joined steel sheets on the springback intensity in the case of Ω-shape parts made from tailor welded strips**, Archives of Civil and Mechanical Engineering. 2006, Vol. 6 Issue 3, pp. 5-12 doi:10.1016/S1644-9665(12)60237-4 (**BDI** – ScienceDirect, Scopus, Google Scholar)	5/2 = 2,5
	A. Albut, **Influence of the friction coeficient on springback effect of a u-shaped part manufactured by tailor welded stripes**, U.P.B. Scientific Bulletin, Series D, Vol. 68, No. 3, pp. 27-36, 2006 (**BDI** – Scopus, Inspec, Google Scholar)	5/2 = 2,5

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
	Albut A. - **The influence of the sheet thickness on springback effect in case of TWB's forming**, ADVANCES IN APPLIED MATHEMATICS, SYSTEMS, COMMUNICATIONS AND COMPUTERS, Mathematics and Computers in Science and Engineering, pp. 147-150, 2008, ISBN:978-960-6766-69-5 Accession Number: WOS:000257984000023 (**ISI Proceeding**)	10/2 = 5
	Albut A. - **Springback behaviour of a part made from tailor welded blanks for different welding line placement**, 12th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2008, Istanbul, Turcia, 26-30 August 2008, p. 149-152, ISBN 978-9958-617-41-6 (**BDI** – Google Scholar, Ebsco)	5/2 = 2,5
	Albut A. – **Sample width impact on the final geometry of a formed part made from tailor welded stripes**, 12th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2008, Istanbul, Turcia, 26-30 August 2008, p. 157-160, ISBN 978-9958-617-41-6 (**BDI** – Google Scholar, Ebsco)	5/2 = 2,5
	Albut A. – **Investigation of the material rolling direction influence on springback effect of a U-shape part manufactured by tailor welded stripes**, 10th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2006, Barcelona-Llored del Mar, Spain, 11-15 September 2006, pp. 121-124, ISBN 9958-617-28-5 (**BDI** – Google Scholar, Ebsco)	5/2 = 2,5
	Albut A. – **The sheet thickness influence on springback behaviour of a U-shaped part made from tailor welded stripes,** 11th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2007, Hammamet, Tunisia, 05-09 September 2007, pp. 123-126, ISBN 9958-617-34-8 (**BDI** – Google Scholar, Ebsco)	5/2 = 2,5
42.	**Chiriţă Bogdan – Factors of influence on the springback of formed metal sheets, ESAFORM - The 5th International Conference on Material Forming, Krakow, April 14-17, 2002, p. 535-538**	**35**
	Lucrări care citează: 2 ISI, 3 BDI	
	Kella, Caroline K., and Pankaj K. Mallick. - **Springback Behavior of Aluminum/Polypropylene/Aluminum Sandwich Laminates**, Journal of Manufacturing and Materials Processing 6, no. 6: 152. 2022 https://doi.org/10.3390/jmmp6060152	10/1 = 10
	A. Albut - **Influence of the friction coeficient on springback effect of a u-shaped part manufactured by tailor welded stripes**, U.P.B. Scientific Bulletin, Series D, Vol. 68, No. 3, pp. 27-36, 2006 (**BDI** – Scopus, Inspec, Google Scholar)	5/1 = 5

Nr. crt.	Titlu lucrare citată / lucrare care a citat	Punctaj
	Albut A. - **The influence of the sheet thickness on springback effect in case of TWB's forming**, ADVANCES IN APPLIED MATHEMATICS, SYSTEMS, COMMUNICATIONS AND COMPUTERS, Mathematics and Computers in Science and Engineering, pp. 147-150, 2008, ISBN:978-960-6766-69-5 Accession Number: WOS:000257984000023 (**ISI Proceeding**)	10/1 = 10
	Albut A. – **Investigation of the material rolling direction influence on springback effect of a U-shape part manufactured by tailor welded stripes**, 10th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2006, Barcelona-Llored del Mar, Spain, 11-15 September 2006, pp. 121-124, ISBN 9958-617-28-5 (**BDI** – Google Scholar, Ebsco)	5/1 = 5
	Albut A. – **The sheet thickness influence on springback behaviour of a U-shaped part made from tailor welded stripes,** 11th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2007, Hammamet, Tunisia, 05-09 September 2007, pp. 123-126, ISBN 9958-617-34-8 (**BDI** – Google Scholar, Ebsco)	5/1 = 5
Total		**552,26**

A3.2. Prezentari invitate in plenul unor manifestari stiintifice nationale (10 puncte) si internationale (20 puncte) și Profesor invitat (exclusiv ERASMUS)

Nu este cazul

A3.3. Membru in colectivele de redacție sau comitete științifice al revistelor si manifestărilor științifice, organizator de manifestări științifice / Recenzent pentru reviste si manifestări științifice naționale si internaționale indexate ISI; Punctaj: ISI 10 puncte, BDI 8 puncte, neindexate 5 puncte

Nr. crt.	Denumire revistă / manifestare științifică	Categorie	Activitate	Punctaj
1.	Journal of Engineering Studies and Research (ISSN 2068-7559)	Revistă BDI	Recenzent	8
2.	International Journal of Materials Engineering Innovation (ISSN 1757-2754) Inderscience Publishers (www.inderscience.com)	Revistă BDI	Recenzent	8
3.	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications (ISSN: 1464-4207) SAGE (http://pil.sagepub.com/)	Revistă ISI	Recenzent	10

Nr. crt.	Denumire revistă / manifestare științifică	Categorie	Activitate	Punctaj
4.	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture (ISSN: 0954-4054) SAGE (http://pib.sagepub.com/)	Revistă ISI	Recenzent	10
5.	Sustainable Materials and Technologies (ISSN: 2214-9937) Elsevier (https://www.journals.elsevier.com/sustainable-materials-and-technologies)	Revistă ISI	Recenzent	10
6.	Materials (ISSN 1996-1944) MDPI (https://www.mdpi.com/journal/materials)	Revistă ISI	Recenzent	10
7.	Metals (ISSN 2075-4701) MDPI (https://www.mdpi.com/journal/metals)	Revistă ISI	Recenzent	10
8.	*The Journal of Strain Analysis for Engineering Design (ISSN: 0309-3247)* *SAGE Publishing (*https://journals.sagepub.com/home/sdj*)*	Revistă ISI	Recenzent	10
9.	Advances in Materials and Processing Technologies (ISSN: 2374-068X) Advances in Materials and Processing Technologies | Taylor & Francis Online (tandfonline.com)	Revistă ISI	Recenzent	10
10.	Coatings (ISSN: 2079-6412) MDPI (Coatings | An Open Access Journal from MDPI)	Revistă ISI	Recenzent	10
11.	Applied Science and Engineering Progress (ISSN: 2672-9156) ABOUT THE JOURNAL (kmutnb.ac.th)	Revistă BDI	Recenzent	8
12.	Mechanics Based Design of Structures and Machines (ISSN: 1539-7734) Mechanics Based Design of Structures and Machines | Taylor & Francis Online (tandfonline.com)	Revistă ISI	Recenzent	10
13.	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering (ISSN: 0954-4089) SAGE (https://journals.sagepub.com/home/PIE)	Revistă ISI	Recenzent	10
14.	High Temperature Materials and Processes (ISSN: 2191-0324) High Temperature Materials and Processes (degruyter.com)	Revistă ISI	Recenzent	10

Nr. crt.	Denumire revistă / manifestare științifică	Categorie	Activitate	Punctaj
15.	International Journal of Experimental Design and Process Optimisation (ISSN 2040-2252) https://www.inderscience.com/jhome.php?jcode=ijedpo	Revistă BDI	Membru în comitetul editorial	8
16.	Conferința internațională Modern Technologies in Industrial Engineering MODTECH www.modtech.ro	Conferință internațională	Membru în comitetul de organizare al conferinței	8
17.	International Conference of Constructive Design and Technological Optimization in Machine Building ”Vasile Alecsandri" University Of Bacau	Conferință internațională	Membru în comitetul de organizare al conferinței	5
Total				**155**

A3.4. Experiența de management, analiza si evaluare in cercetare si/sau învățământ, Conducere (punctaj: 5*ani de desfășurare), Membru (punctaj: 2*ani de desfășurare)

Nr. crt.	Funcție	Perioadă	Punctaj
1	Director departament IMSI – Facultatea de Inginerie	2016-2020	5*4 = **20**
2	Membru în Consiliul Profesoral - Facultatea de Inginerie, Universitatea „Vasile Alecsandri” din Bacău	2008-2020	2*12 = **24**
3	Membru al Senatului Universității „Vasile Alecsandri” din Bacău	2012-2024	2*12 = **24**
4	Prodecan al Facultății de Inginerie a Universității „Vasile Alecsandri” din Bacău	2020-2024	5*4 = **20**
Total			**88**

A3.5. Premii

Nu este cazul.

A3.6. Membru in academii, organizații, asociații profesionale de prestigiu, naționale si internaționale, apartenență la organizații din domeniul educației si cercetării

A.3.6.4. Membru în asociații profesionale

Nr. crt.	Denumire asociație	Punctaj
1	Asociația Profesională în Tehnologii Moderne de Fabricație ModTech	5
2.	Asociația „De Sprijin Academica" Bacău	3
3	Vicepreședinte al Asociației Universitare de Ingineria Fabricației	10
Total		**18**

CENTRALIZATOR - Conform standardelor minimale din domeniul: Inginerie Industrială

Domeniul de activitate	Conditii minime profesor	Realizat
A1. ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ	**Minim 130 puncte**	**346,57 puncte**
	Carti/manuale/monografii/capitole de specialitate: **minim 2 prim autor** (Abilitare/Profesor)	**1 carte + 4 capitole ca prim autor** (total 7 cărți/capitole ca autor/coautor) **Punctaj: 46,68**
	Suporturi de curs/Indrumare: **minimum 4, din care 2 ca prim autor** (Abilitare/Profesor)	**4 materiale, 2 prim autor Punctaj: 14,89**
A2. ACTIVITATEA DE CERCETARE	**Minim 300 puncte**	**805,20 puncte**
	Articole indexate in reviste ISI Thomson Reuters si in volumele unor manifestări științifice indexate ISI Thomson Reuters: **minimum 8 articole**, **din care 3 în reviste, minimum 3 ca autor principal**, **minim 1 articol în reviste din zona roșie/galbenă** (Abilitare/Profesor)	Total publicate(**de la ultima promovare**): **35 articole ISI Thomson Reuters** (**14** în reviste, 21 în proceeding-uri), din care: **9 articole prim/unic autor** **6 articole în reviste din zona roșie/galbenă**
	Articole in reviste si volumele unor manifestari stiintifice indexate în alte baze de date internaționale: **minim 8 articole**	Total publicate: **22 articole**
	Grant-Director/ responsabil, Director/ Responsabil - **Minim 2D sau 4R** (Abilitare/Profesor)	Total: **2 Director; 1 Responsabil**
A3. RECUNOASTEREA ȘI IMPACTUL ACTIVITĂȚII	**Minimum 100 puncte**	**813,26 puncte**
TOTAL	**Minimum 530 puncte**	**1965,03 puncte**

Comisia de concurs

Președinte — Semnătura

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Membri

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