

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI
FACULTATEA DE CONSTRUCȚII DE MAȘINI ȘI MANAGEMENT INDUSTRIAL
DEPARTAMENTUL DE TEHNOLOGIA CONSTRUCȚIILOR DE MAȘINI

Concurs pentru ocuparea postului de **conferențiar universitar**, poz. 14

Disciplinele postului: Tehnologii neconvenționale
Conceptul și managementul tehnologiilor neconvenționale
Sisteme și tehnologii de prelucrare neconvențională a materialelor metalice

FIȘA DE VERIFICARE
a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de
conferențiar universitar

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Candidat: **Margareta COTEATĂ** / Data nașterii: **25 aprilie 1976**/ Funcția actuală: **șef de lucrări**,

Data numirii în funcția actuală: 3.10.2011, Instituția: Universitatea Tehnică "Gheorghe Asachi" din Iași, Facultatea de Construcții de Mașini și Management Industrial,
Departamentul de Tehnologie Construcțiilor de Mașini

Tabel 1: Condiții minime / punctaje obținute (în conformitate cu Domeniul CNATDCU)

Condiții minime (Ai)			
Nr. crt.	Domeniul de activitate	Condiții conferențiar	Punctaj obținut
1.	Activitate didactică / profesională (A1)	Minim 80 puncte	109,89 puncte
2.	Activitate de cercetare (A2)	Minim 150 puncte	587,91 puncte
3.	Recunoașterea și impactul activității (A3)	Minim 50 puncte	522,36 puncte
TOTAL (puncte):		280 puncte	1224,16 puncte

Se preia tabelul și definițiile corespunzătoare domeniului științific aferent, conform Anexei TUIASI.POB.08-A1.3.

(Modul de îndeplinire a standardelor minime naționale va fi prezentat în mod explicit și va trebui însoțit de dovezi)

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE CNATDCU

Conform 6560, publicat în MONITORUL OFICIAL AL ROMÂNIEI, PARTEA I, Nr. 6129/ 20.12.2016

Anexa nr. 16 - COMISIA INGINERIE INDUSTRIALĂ ȘI MANAGEMENT

A.1. Activitatea Didactică și Profesională – 109,89 puncte

Nr. crt.	Titlul Lucrării	Punctaj
1.1 Cărți/manuale/monografii/capitole în cărți de specialitate		
1.1.1 Cărți/manuale/monografii/capitole de specialitate ca autor - <i>minim 1 prim autor</i>		
1.1.1.1.internaționale		nr. pagini/(5*nr. autori)
1.	Slătineanu L, Nagiț G, Dodun O, Coteață M , Munteanu A, Beșliu-Băncescu I, Gherman L, Hrițuc A, Chinesta F, Gonçalves-Coelho A, Teixeira JP, san Juan M, Santo L, Santos F. <i>Electrophysical and Chemical Manufacturing Processes</i> , Ed. Tehnica Info Chișinău, 2020, ISBN 978-9975-63-454-0. p. 406	6,25
2.	Slătineanu L, Dodun O, Coteață M and Beșliu I. <i>Nanoreliefs Obtained by Various Machining Methods. În vol. Nanostructures and Thin Films for Multifunctional Applications. Technology, Properties and Devices</i> , editors: Tiginyanu I, Topala P, Ursaki V, Springer, 2016, p 447-471, DOI: 10.1007/978-3-319-30198-3_14, ISBN:978-3-319-30198-3; 978-3-319-30197-6, ISSN: 1434-4904 (indexat ISI)	1,20
3.	Slătineanu L, Dodun O, Coteață M , Grănescu T. <i>Machinability evaluation by facing test. În volumul „Advanced Technologies. Research-development-application”</i> . Pro literatur Verlag Robert Mayer-Scholz, Mammenodorf (Germania), 2006, p 833-858, ISBN 3-86611-197-5;	1,25
4.	Slătineanu L, Nagiț Gh, Dodun O, Coteață M , Chinesta F, Gonçalves-Coelho A, Pamies Teixeira J, San Juan M, Santo L, Santos F. <i>Non-traditional manufacturing processes</i> . Editura Tehnica Info, Chișinău, 2004, 300 p, ISBN 9975-63-164-9;	6,00
5.	Slătineanu L, Dodun O, Nagiț Gh, Coteață M , Bălan I. <i>Theoretical and experimental modelling of the roughness parameter Ra</i> . Best of Book 2004. Valladolid (Spain) – September 22-24, 2004, p 114-125;	0,44
1.1.1.2.naționale (edituri recunoscute)		nr. pagini/(10*nr. autori)
1.	Coteață M , <i>Metode hibride în tehnologiile de fabricație</i> , Ed. PIM, Iași, 2021, 150 pag ISBN: 978-606-13-6301-8	15,00
2.	Slătineanu L, Coteață M , Munteanu A, Anton DA, Apetrei L, Iosub A, Ilie S-M, Tanasă R, Carp I. <i>Microfabricația prin metode neconvenționale</i> . Iași: Editura Cermi, 2008, 249 p, ISBN 978-973-667-231-6;	2,77
3.	Slătineanu L, Grănescu T, Dodun O, Ciofu C, Coteață M , Anton O, Grosu C, Neșțian G, Neculai L, Pocol C, Radu D, Sîrbu V. <i>Tehnologii de finisare în construcția de mașini</i> . Iași: Editura Politehniun, 2005, 250 p, ISBN 973-621-107-X;	2,08
4.	Slătineanu L, Iuraș E, Moraru A, Coteață M , Sîrbu V, Ion S. <i>Prelucrarea prin electroeroziune cu electrod masiv</i> . Iași: Editura Tehnopress, 2001, 100 p., ISBN 973-8048-63-x ;	1,67
1.1.2. Cărți ca editor		
1.1.2.1. internaționale		nr. pagini/(10*nr. editori)
1.	<i>Innovative Manufacturing Engineering</i> 2015, Edited by: L. Slatineanu, V. Merticar, F. Negoescu, M. Coteata, R. Pacurar, G. Strnad, I. Tita, G. Oancea, P. Dusa, E. Nitu, C. Bujoreanu, O. Lupescu and O. Dodun, 1576 pages	12,12
2.	<i>Engineering Solutions and Technologies in Manufacturing</i> , 2014 Trans Tech Publications Ltd, Elvetia, editori: Slatineanu L, Merticar V, Nagit Gh, Coteata M , Axinte E, Dusa P, Musca G, Ghenghea L, Negoescu F, Lupescu O, Tita I, Dodun O, Vol 657, Applied Mechanics and Materials, ISSN 1660-9336, 1088 pagini;	9,07

1.2 Alte materiale didactice – inclusiv în format electronic (pentru format electronic - echivalent format A4 text fără figuri cu minimum 3200 caractere inclusiv spații)		
1.2.1 Suporturi de curs/ Îndrumare - <i>minim 2 din care 1 prim autor</i>		nr. pagini/(20*nr.autori)
1.	Coteață M , <i>Tehnologii neconvenționale de fabricație : suport de curs</i> , Ed. PIM, Iași, 2021, 120 pag, ISBN: 978-606-13-6300-1	5,00
2.	Slătineanu L, Bohosievici C, Grănescu T, Paraschiv D, Musca G, Dodun O, Nagiț G, Nedelcu D, Sover A, Tăbăcaru L-L, Cărașu C, Crețu G, Merticaru V, Coteață M , Boca M, Mihalache MA, Rîpanu MI, Mazurchevici SN, Mîndru TD, Boca MA, Hrițuc A, Motaș IG. <i>Aplicații de Ingineria Fabricației</i> , Iași, Editura PIM, 2021, 417 p, ISBN 978-606-13-6104-5	0,95
3.	Dodun O, Coteață M , Slătineanu L , Prelucrări neconvenționale cu energii concentrate. Îndrumar de laborator. Iași: Editura Performantica, 2014, 126 p, ISBN978-606-685-110-7;	2,10
4.	Dodun O, Slătineanu L, Coteață M . Prelucrări neconvenționale cu scule materializate. Îndrumar de laborator. Chișinău: Editura Tehnica – Info, 2005, 180 p, ISBN 9975-63-256-4;	3,00
1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă (Director/ Responsabil)		
1.4 Dezvoltare de noi discipline (se punctează o singură dată în cazul multiplicării lor în programe de studii diferite)		
1.5 Proiecte educaționale (ERASMUS, Leonardo etc.) - Director/ Responsabil		10*(ani desfășurare)
1.	Director grant ROSE AG324/SGU/PV/III din data de 18.06.2020	10.00
2.	Responsabil rețea CEEPUS BG-0703 Modern Trends in Education and Research on Mechanical Systems - Bridging Reliability, Quality and Tribology	10.00
3.	Responsabil acord ERASMUS K107/2019-2021 cu UTM - Chișinău	20.00

A.2. Activitatea De Cercetare – 587, puncte

Nr. crt.	Titlul Lucrării	Punctaj
2.1 Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date - după 2011, minim 5 articole, minim 1 în reviste, minim 2 ca autor principal		
2.1.1. Articole în Reviste ISI Thomson Reuters		(30 + 10* fact. impact)/(nr. autori)
1.	Slătineanu L, Dodun O, Coteață M , Nagiț G, Beșliu Băncescu I, Hrițuc A. 2020. Wire Electrical Discharge Machining—A Review. Machines. 8(4):69. https://doi.org/10.3390/machines8040069 IF/2020=0	5,00
2.	Hrițuc A, Mihalache A, Mares M, Coteață M , Dodun O, Nagiț G, Slătineanu L. 2020. Mechanical Behaviour of 3D Printed PLA Hollow Spherical Parts Under Axial Compression. Mater Plast. 57(1):13-20. https://doi.org/10.37358/MP.20.1.5307 IF/2020=1.517	6,45
3.	Dodun O, Slătineanu L, Nagiț G, Mares M, Hrițuc A, Coteață M , Besliu I. 2020. Mechanical Properties of Composites Reinforced with Textile. Mater Plast. 57(1):21-27. https://doi.org/10.37358/MP.20.1.5308 IF/2020=1.517	6,45
4.	Slătineanu L, Dodun O, Nagiț G, Coteață M , Bosoanca G, Besliu I. 2018. Fine Details Obtained by 3D Printing and Using Polymers. Mater Plast. 55(4):474-477 https://doi.org/10.37358/MP.18.4.5056 IF/2018=1.393	7,32
5.	Coteață M , Schulze H-P, Slătineanu L. 2011. Drilling of difficult-to-cut steel by electrochemical discharge machining. Mater Manuf Process. 26(12):1466-1472. https://doi.org/10.1080/10426914.2011.557286 IF/2011 =1.058	13,53
2.1.2. Articole în volume indexate ISI Proceedings		25/nr. de autori
1.	Hrițuc A, Slătineanu L, Boca MA, Sover A, Nagiț G, Dodun O, Coteață M , Mihalache A. 2021. Abrasive Erosion Behavior of Some Plastic Parts Obtained by 3D Printing. Macromol. Symp. 396(1), 2000288. https://doi.org/10.1002/masy.202000288	3,13
2.	Hrițuc A, Slătineanu L, Mihalache A, Dodun O, Coteață M , Nagiț G. 2020. Accuracy of Polylactide Parts Made by 3D Printing. Macromol Symp. 389(1):1900064. https://doi.org/10.1002/masy.201900064	4,17
3.	Coteață M , Slătineanu L, Beșliu Băncescu I, Hrițuc A. 2019. Analysis of EDM drilling of porous SiC/Al-Mg composite. AIP Conference Proceedings 2113(1):110010. Esaform 2019, Victoria-Gasteiz, Spania. https://doi.org/10.1063/1.5112653	6,25

4.	A Hrițuc, M Coteață , O Dodun, G Nagiț, L Slătineanu. 2019. Optimal Selection of Equipment for Injection Molding Process using the AHP Method. MATEC Web of Conferences. 290:03005 https://doi.org/10.1051/mateconf/201929003005	5,00
5.	Beșliu I, Cîcu A, Beșliu E, Agrigoroae C, Coteață M . 2019. Surface roughness at facing on a lathe. IOP Conf Ser: Mater Sci Eng. 564:012010. IManEE 2019. https://doi.org/10.1088/1757-899X/564/1/012010	5,00
6.	Slătineanu L, Dodun O, Coteață M , Nagiț G, Coteata M, Tabacaru L, Beșliu- Bancescu I. 2018. Evaluation of the surface profile obtained by abrasive jet machining. IOP Conf Ser: Mater Sci Eng. 444:032005. https://doi.org/10.1088/1757-899X/444/3/032005	3,57
7.	Dodun O, Panaite E, Dusa P, Nagit G, Coteata M , Slatineanu L. 2018. Axiomatic Design in Obtaining a Device for Ultrasonic Machining. MATEC Web of Conferences. 223:01021. https://doi.org/10.1051/mateconf/201822301021	4,17
8.	Mihalache A, Nagit G, Ripanu MI, Slatineanu L, Dodun O, Coteata M . 2018. Laser Marking as a Result of Applying Reverse Engineering. AIP Conference Proceedings. 1960(1):100010. Esaform 2018. https://doi.org/10.1063/1.5034950	4,17
9.	Nagiț G, Slătineanu L, Dodun O, Coteata M , Besliu I, Merticaru V. 2017. Surface roughness at vibroburnishing. AIP Conference Proceedings. 1896:050011. ESAFORM 2017, Dublin. https://doi.org/10.1063/1.5008056	4,17
10.	Slatineanu L, Dodun O, Carp I, Coteata M , Besliu I. 2017. Tool electrode wear in electrical discharge of small diameter holes. MATEC Web of Conferences. 94:03013. COSME'16, Brasov, Romania. https://doi.org/10.1051/mateconf/20179403013	5,00
11.	Slătineanu L, Radovanovic M, Coteață M , Beșliu I, Dodun O, Coman I, Olaru S-C. 2017. Requirements in designing a device for experimental investigation of threading accuracy. MATEC Web Conf. 112:01005. https://doi.org/10.1051/mateconf/201711201005	3,57
12.	Olaru S-C, Slatineanu L, Silitra M, Mihalache A-M, Coteata M . 2017 Investigation of the sound intensity level in the case of a universal lathe. MATEC Web of Conferences. 112:01025. https://doi.org/10.1051/mateconf/201711201025	5,00
13.	Coteata M , Flocă A, Dodun O, Ionescu N, Nagit G, Slatineanu L. 2016. Pulse generator for obtaining surfaces of small dimensions by electrical discharge machining. Procedia CIRP. 42:715-720. https://doi.org/10.1016/j.procir.2016.02.307	4,17
14.	Dodun O, Ilii Bangu S, Slătineanu L, Merticaru V, Coteata M , Besliu I. 2016. Kerf Generation during the Plasma Cutting Process. AIP Conference Proceedings, 1769:050008. Esaform 2016. https://doi.org/10.1063/1.4963436	4,17
15.	Slătineanu L, Dodun O, Coteață M , Coman I, Manole V, Gika CV. 2016. Requirements statement in product design. IOP Conf Ser: Mater Sci Eng. 161:296-303. https://doi.org/10.1088/1757-899X/161/1/012042	4,17
16.	Slatineanu L, Dodun O, Coteata M , Coman I, Nagit G. 2016. Manufacture of threads with variable pitch by using noncircular gears. IOP Conf Ser: Mater Sci Eng. 147:012009. https://doi.org/10.1088/1757-899X/147/1/012009	5,00
17.	Coteata M , Pop N, Schulze H-P, Slatineanu L, Dodun O. 2016. Investigation on hybrid electrochemical discharge drilling process using passivating electrolyte. Procedia CIRP. 42:778-782. https://doi.org/10.1016/j.procir.2016.02.318	5,00
18.	Slatineanu L, Dodun O, Coteata M , Nagit G, Merticaru V, Gramescu T, Epureanu A, Besliu I. 2016. Disparities among states in the field of patenting activities. International Conference on Production Research - Africa, Europe and the Middle East (ICPR-AEM) / 4th International Conference on Quality and Innovation in Engineering and Management (QIEM) ISBN:978-606-737-180-2 WOS:000436122900049	3,13
19.	Besliu I, Slatineanu L, Coteata M . 2014. Machinability Aspects Investigations in Hard Milling of AISI W1 Hardened Tool Steel. Appl Mech Mater. 657:83-87. IMANEE 2014. https://doi.org/10.4028/www.scientific.net/AMM.657.83	8,33
20.	Bosoanca G, Slatineanu L, Coteata M , Badanac A, Manole V. 2014. Device for Wire Electrical Discharge Machining. Appl Mech Mater. 657:569-573. IMANEE 2014. https://doi.org/10.4028/www.scientific.net/AMM.657.569	5,00
21.	Ciubotariu V, Cacu A, Rotundu I-A, Cucos MM, Coteata M . 2014. Influence of Some Factors on Surface Roughness Parameters at Electrical Discharge Machining. Appl Mech Mater. 657:291-295. IMANEE 2014. https://doi.org/10.4028/www.scientific.net/AMM.657.291	5,00
22.	Coteata M , Cretu G. 2014. ECDM Drilling Process Analysis via Taguchi Method. Appl Mech Mater. 657:337-341. IMANEE 2014. https://doi.org/10.4028/www.scientific.net/AMM.657.337	12,50
23.	Slatineanu L, Coteata M , Besliu I, Caracas G, Bosoanca G, Mircescu C. 2014. Nonconventional Machining Based on Electrical Charged Particles Motion in Liquid. Appl Mech Mater. 657:291-295. IMANEE 2014. https://doi.org/10.4028/www.scientific.net/AMM.657.316	4,17
24.	Coteață M , Slătineanu L, Pop N. 2014. Material removal rate at the electrochemical discharge drilling. 2014 International Conference on Production Research - Europe, Africa and Middle East 3rd International Conference on Quality and Innovation in Engineering and Management,	8,33

	July 1-5, 2014, Cluj-Napoca, Romania, ISBN: 978-973-662-978-5, 119-124, WOS:000346410700021	
25.	Slătineanu L, Coteață M , Schulze HP, Dodun O, Beșliu I, Gherman L. 2014. Small Diameter External Cylindrical Surfaces Obtained by Ram Electrical Discharge Machining. Key Eng Mater. 611-612:650-655. ESAFORM 2014. https://doi.org/10.4028/www.scientific.net/KEM.611-612.650	4,17
26.	Slătineanu L, Mircescu C, Coteață M , Dodun O, Beșliu I, Radovanovic M. 2014. Characteristics of obtaining external cylindrical surfaces by ram electrodischarge machining, 2014 International Conference on Production Research - Europe, Africa and Middle East 3rd International Conference on Quality and Innovation in Engineering and Management, July 1-5, 2014, Cluj-Napoca, Romania, ISBN: 978-973-662-978-5, 457-462, WOS:000346410700086	4,17
27.	Coteață M , Beșliu I, Schulze HP, Pop N, Slătineanu L. 2013. Experimental investigation on dry electrical discharge drilling. Key Eng Mater. 554-557:1845-1850. https://doi.org/10.4028/www.scientific.net/KEM.554-557.1845	5,00
28.	Cretu G, Coteață M . 2013. Contributions on the Influence of the Cutting Parameters and Constructive Geometrical Parameters of the Tool on the Precision of the Worm Gears Manufactured Using Whirling Thread Cutting. Appl Mech Mater. 371:54-58. https://doi.org/10.4028/www.scientific.net/AMM.371.54	12,50
29.	Slătineanu L, Coteață M , Gherman L, Beșliu I, Radovanovic M, Mircescu C, Stoica Ș. 2013. Diminishing Shape Errors at Electrical Discharge Machining of External Cylindrical Surfaces, Appl Mech Mater. 371:305-309, https://doi.org/10.4028/www.scientific.net/AMM.371.305	3,57
30.	Slătineanu L, Coteață M , Dodun O, Beșliu I. 2013. Obtaining slots and channels by using a 1070 nm wave length laser. Procedia CIRP. 6:479-485. https://doi.org/10.1016/j.procir.2013.03.042	6,25
31.	Coteață M , Slătineanu L, Grigoraș (Beșliu) I, Pop N. 2012. Effects of the laser beam interaction with the workpiece material. Key Eng Mater. 504-506:1207-1212. https://doi.org/10.4028/www.scientific.net/KEM.504-506.1207	6,25
32.	Slătineanu L, Dodun O, Coteață M , Beșliu Grigoraș I, Gherman L. 2012. Possibilities of using a 1070 nm laser in machining of some metallic materials. Proc. SPIE 8411, Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies VI, 84111F. https://doi.org/10.1117/12.966464	5,00
33.	Slătineanu L, Schulze H-P, Dodun O, Coteață M , Gherman L, Grigoraș (Beșliu) I. 2012. Electrode tool wear at electrical discharge machining. Key Eng Mater. 504-506:1189-1194. https://doi.org/10.4028/www.scientific.net/KEM.504-506.1189	4,17
34.	Coteață M , Lupescu O, Sava O, Besliu IG. 2012. Electrochemical discharge machining of metallic carbide ISO P25. Proceedings of the 16th International Conference Modern Technologies, Quality and Innovation. ModTech 2012, vol.2, 253-256, ISSN 2069-6736	6,25
35.	Lupescu O, Sava O, Coteață M , Boca M. 2012. Some considerations regarding the rolling process. Proceedings of the 16th International Conference Modern Technologies, Quality and Innovation. ModTech 2012, vol.2, 513-516, ISSN 2069-6736	6,25
36.	Pop N, Coteață M . 2012. 3D parametric modeling of involute gears in pro engineer wildfire 4. Proceedings of the 16th International Conference Modern Technologies, Quality and Innovation. ModTech 2012, vol.2, 793-796, ISSN 2069-6736	12,50
37.	Slătineanu L, Coteață M , Beșliu I, Mourao A, Radovanovic M, Gherman L. Behaviour of metallic materials under the action of the laser beam. Proceedings of the 16th International Conference Modern Technologies, Quality and Innovation. ModTech 2012, vol.2, 897-900, ISSN 2069-6736	4,17
38.	Coteață M , Schulze H-P, Pop N, Beșliu I, Slătineanu L. 2011. Machinability of a stainless steel by electrochemical discharge microdrilling. AIP Conference Proceedings. 1353:1356-1360. ESAFORM 2011. https://doi.org/10.1063/1.3589705	5,00
39.	Schulze H-P, Slătineanu L, Coteață M . 2011. Factoring acting on the tool wear at various dimensional structures during the electro-discharge machining. AIP Conference Proceedings. 1353:1313-1318. ESAFORM 2011. https://doi.org/10.1063/1.3589698	8,33
40.	Slătineanu L, Coteață M , Pop N, Beșliu I, Braha V. 2011. Superficial abrasive jet machining. AIP Conference Proceedings. 1353:1331-1336. ESAFORM 2011. https://doi.org/10.1063/1.3589701	5,00
41.	Gherman L, Coteață M , Garrido C, Chema M. 2011. Influences of some thermal properties of the workpieces materials on the machinability by EDM. Proceedings of the 15th International Conference Modern Technologies, Quality and Innovation. ModTech 2011, vol. , 461-464, ISSN 2069-6736	6,25
42.	Slătineanu L, Radovanovic M, Braha V, Potarniche S, Coteață M , Grigoras (Besliu) I. 2011. Phenomena at surface abrasive jet machining. Proceedings of the 15th International Conference Modern Technologies, Quality and Innovation. ModTech 2011, vol., 1013-1016, ISSN 2069-6736	4,17

2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale după 2011 - minim 5		15/nr. de autori
1.	Lutcanu M, Istrate B, Coteata M , Chicet DL, Ionita I, Paraschiv C, Stirbu I, Badarau G, Cimpoesu N. 2021. Structural aspects and chemical analyses on cutting process of metallic-ceramic materials. IOP Conf Ser: Mater Sci Eng. 1037(1):012033. https://doi.org/10.1088/1757-899X/1037/1/012033	2,78
2.	Slătineanu L, Oroian B, Condrea I, Botezatu C, Hrițuc A, Boca MA, Coteață M , Dodun O. 2021. Elaboration of the initial requirements in the design activities. IOP Conf Ser: Mater Sci Eng. 1037(1):012002. https://doi.org/10.1088/1757-899X/1037/1/012002	3,13
3.	Slătineanu L, Coteață M , Dodun O, Nagiț G, Hrițuc A, Beșliu-Băncescu I. 2021. Ways for determining the intermediate dimensions when designing the machining technology. IOP Conf Ser: Mater Sci Eng. 1018(1):012019. https://doi.org/10.1088/1757-899X/1018/1/012019	4,17
4.	Dodun O, Slătineanu L, Arcidiacono G, Coteață M , Nagiț G, Hrițuc A. 2021. Selecting an alternative to solve a problem from several available alternatives. IOP Conf Ser: Mater Sci Eng. 1009(1):012018. https://doi.org/10.1088/1757-899X/1009/1/012018	4,17
5.	Slătineanu L, Dodun O, Coteață M , Nagiț G, Hrițuc A, Beșliu-Băncescu I, Munteanu A (2020). Correlations between the values of some surface roughness parameters when abrasive jet machining. Proceedings in Manufacturing Systems, 15(1):35-40, ISSN 2067-9238	2,14
6.	Tudora CI, Cimpoesu N, Stanciu S, Anghel DC, Plaiasu GA, Coteata M , Roman AM, Cimpoesu R, Abrudeanu M. 2020. Activation of CuAlNi SMAs using solar energy. Mat Int. 2(3):0297-0302. https://doi.org/10.33263/Materials23.297302	2,78
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2.3 Articole in extenso în reviste/ volumele unor manifestări științifice naționale/ internaționale neindexate		
2.3.1 Reviste		6/ nr. autori
1.	Coteață M , Bosoancă G, Beșliu Băncescu I, Grănescu T, Hrițuc A, Slătineanu L. Experimental results concerning the wire electrical discharge machining of high-speed steel. 17-25, Tehnomus 2019, Suceava, New Technologies and Products in Machine Manufacturing Technologies, P - ISSN-1224-029X, E - ISSN-2247-6016	1,00
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2.3.2 Proceedings		4/nr. autori
1.	Slătineanu L, Gherman L, Coteață M , Beșliu I, Dodun O, Seghedin N. Using creative resources in applying axiomatic design. Proceedings of ICAD2013, The Seventh International Conference on Axiomatic Design, Worcester – June 27-28, 2013, p. 84-90	0,67
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2.4 Proprietate intelectuală, brevete de invenție și inovație, etc.		
2.4.1 internaționale		40/nr. de autori
2.4.2 naționale		20/nr. de autori
1	Slătineanu L, Uliuliuc D, Coteață M , Grigoraș I. Dispozitiv pentru prelucrarea prin electroeroziune a găurilor cu axă în formă de arc de cerc, Descriere de invenție nr. RO 128374 B1, BOPI 3/2018	5,00
2	Slătineanu L, Potârniche S, Coteață M , Uliuliuc D. Dispozitiv pentru studiul efectului de impact generat de o granulă abrazivă. Descriere de invenție nr. RO125928-B1, BOPI 4/2018	5,00
3	Gherman L, Slătineanu L, Coteață M . Dispozitiv pentru evaluarea prelucrabilității prin găurire cu forță constantă de avans. Descriere de invenție nr. RO128618-B1/30.03.2017	6,67
4	Pop N, Coteață M , Mașină pentru realizarea orificiilor cu secțiunea transversală circulară prin eroziune complexă, electrică și electrochimică. Brevet de invenție RO126546 B1/ 28.11.2014, BOPI nr.11/2014 ISSN: 2065-2100	10,00
5	Coteață M , Slătineanu L, Ciofu CD, Dispozitiv pentru realizarea orificiilor cu secțiune transversală circulară prin eroziune complexă, electrică și electrochimică. Descriere de invenție R)123597 B1, BOPI nr.11/2014 ISSN: 2065-2100	6,67
6	Slătineanu, L., Coteață, M. , Gușă, N., Ilii, S.M., Munteanu, A., Dispozitiv pentru prelucrare electrochimică. Descriere de invenție RO 123566 B1 / 2013, BOPI nr.10/2013, ISSN:2065-2100	4,00
7	Slătineanu, L., Dodun-Des-Perrieres, O., Coteață, M. , Uliuliuc, D. Dispozitiv de prelucrat cu ultrasunete Descriere de invenție nr. RO125894-A2, 2009/2012	5,00
8	Slătineanu, L., Rădeanu, A., Coteață, M. Dispozitiv pentru aliere superficiala si depunere prin scantei electrice. Descriere de invenție nr. RO127084-A2, RO127084- B1, BOPI nr.11/2016 ISSN: 2065-2100	6,67
9	Slătineanu, L., Anton, A.D., Coteață, M. , Carp, I. Dispozitiv pentru studiul microprelucrabilității prin eroziune electrică. Descriere de invenție nr. 122666 B1, 2007/2009	5,00
2.5 Granturi/proiecte câștigate prin competiție sau contracte cu mediul socio-economic (învaloare de minimum 25000 lei, (justificată cu documente care să ateste încasarea sumei)		
2.5.1 Director/ Responsabil - minimum 1D sau 2R		
2.5.1 .1. internaționale		20*val / (10 mii euro*nr. ani)
2.5.1.2. naționale		10*val / (10 mii euro*nr. ani)
1	Director de proiect - grant tip S (MCT) cu tema B16, contract nr.7004/2001(in valoare de 1750 RON) și tip AT cod CNCSIS 16, tema 115, contract 33479/2002 (in valoare de 3500 RON) cu titlul: <i>Cercetări teoretice și experimentale privind posibilitățile de prelucrare prin eroziune complexă, electrică și electrochimică, pe o mașină de prelucrat prin electroeroziune cu electrod masiv</i> , în valoare totală de 5280 RON/2,76RON/Euro=1913 euro	0,96
2	Director de proiect - grant TD CNCSIS, tema 3/cod 62/2002, contract nr. 39593/6.11.2002, cu titlul: <i>Cercetări privind optimizarea procesului de prelucrare prin eroziune complexă, electrică și electrochimică, 2002-2003</i> , în valoare totală de 1200 RON/3.28RON/Euro=366 euro	0,37
3	Director de proiect - Grant AT cod CNCSIS 328, tema 58/2003 (in valoare de 3600 RON), si 80/2004 (in valoare de 8000 RON), contract 33371/29.06.2004, cu titlul: <i>Cercetări teoretice și experimentale privind fenomenologia și optimizarea unor procedee de prelucrare hibridă, prin descărcări electrice, asistate de ultrasunete</i> , în valoare totală de 11600 RON/3,8 Ron/euro=3053euro	1,53
4	Director de proiect - <i>Cercetări teoretice și experimentale privind prelucrarea suprafețelor de mici dimensiuni prin eroziune complexă, electrică și electrochimică (grant CNCSIS tip TD, cod CNCSIS 150), perioada de derulare: 2005-2006</i> , în valoare totală de 10150 RON/3,53Ron/euro= 2875 euro	2,88
5	Director de proiect - <i>Contributii la studiul procesului de prelucrare prin eroziune complexă, electrică și electrochimică - grant CNCSIS, Program PN CDI II, Resurse Umane, perioada de derulare: 2007-2008</i> , în valoare totală de 29071 RON (2007- 7266 RON/3,33= 2181 euro, 2008- 21805 RON/3,68=5925 euro)	4,08
2.5.2. Membru in echipa		
2.5.2 .1. internaționale		4*nr. ani participare în proiect

1	Contract de cercetare științifică la Programul Cadru VI, FP6, secțiunea: Horizontal research activities involving SMEs, FP6-2002-SME-1, Co-operative Research Project (CRAFT), CONTRACT No. COOP-CT-2005- 017991, cu titlul: Injection Moulding of Titanium Powders for Biomedical Applications – BIOTIP. Responsabil științific UTI: prof. dr. ing. Gheorghe Nagit, perioadă de derulare 2005-2007, valoare contract UTI: 71500 euro * 3,3 lei/€ =235950 lei.	12,00
2	P1 Proiect Europea FP 7 cu tema: „Achieving Real Change with Innovative Transport Measures Demonstrating Energy Savings”, (ARCHIMEDES) din cadrul Programului Cadru 7 (FP7) al Uniunii Europene, (Call identifier FP7-SST-2007-TREN-1_28 June); Director Lucian Tabacaru din partea Universitatii Tehnice „ Gh. Asachi” Iasi. Valoare totala: 6,5 mil euro, valoarea revine Universitatii 78.000 euro (326.172 RON)	17,00
2.5.2.2. naționale 2*nr. ani participare în proiect		
1	Membru în echipa de cercetare - Contract nr. 27637/14.03.2005, cod CNCSIS 564, tema 55, cu titlul : Cercetări teoretice și experimentale privind microfabricația prin metode neconvenționale, director proiect: prof.dr.ing Laurentiu Slatineanu, 2 ani	4,00
2	Membru în echipa de cercetare - Contract 40222/2003, cod CNCSIS 849, tema 19 și contract nr 33371 /29.06.2004 cod CNCSIS 849, tema nr. 70 : Cercetari teoretice si experimentale privind prelucrabilitatea prin aschiere director proiect: prof.dr.ing Laurentiu Slatineanu, 2ani	4,00
3	Membru în echipa de cercetare - Proiect CEEX, modul 3, contract nr. 20/2006, cu titlul "Dezvoltarea unei rețele de colaborare în domeniul tehnologiilor neconvenționale", director proiect: prof.dr.ing Laurentiu Slatineanu, 2 ani	4,00
4	Membru în echipa de cercetare - Proiect CEEX, modul 1, contract nr. 243/08.09.2006, cu titlul "Rețea națională de cercetare în domeniul ingineriei integrate a produselor și proceselor, INPRO" (director de proiect: prof. dr. ing. George Draghici, U.P. Timisoara, responsabil științific echipa UTI: Slatineanu Laurentiu), 3 ani	6,00
5	Membru în echipa de cercetare - Proiect IDEI, PN II , Program Resurse Umane, contract nr. 73/2007, cod ID_625, Modelare fenomenologică în cazul unor prelucrări cu particule accelerate, director proiect: prof.dr.ing. Laurentiu Slatineanu, perioada derulare 2007-2010, în valoare totală de 1000000 RON, 3ani	6,00
6	Membru în echipa de cercetare - Proiect Capacități, PN II , Program Capacități, contract nr. 152/2007, Centru inter-regional de competențe în procesarea cu procedee neconvenționale a materialelor avansate, director proiect: prof.dr.ing. Laurentiu Slatineanu, perioada de derulare 2007-2009, în valoare totală de 824250 RON, 2ani	4,00
7	Cercetări privind extinderea posibilităților tehnologice ale mașinilor de prelucrat prin electroeroziune cu electrod masiv și optimizarea unor procedee de prelucrare utilizabile pe asemenea mașini (Grant cercetare CNCSIS - nr. 33479/ 17.07.2002) - 91.900.000 lei, 2ani	4,00
2.6. Coordonare/ dezvoltare laborator/ centru cercetare (dacă este și didactic, punctajul se cuantifică o singura dată) – Responsabil		

A.3. Recunoașterea și Impactul Activității – 522,36 puncte

Nr. Crt.	Titlul Lucrării	Punctaj
3.1 Vizibilitate în baze de date internaționale		
3.1.1 citări în articole indexate ISI 10/nr. autori articol citat		
A.1.	<i>Coteață M, Schulze, H.-P., Slătineanu, L. Drilling of difficult-to-cut steel by electrochemical discharge machining. Materials and Manufacturing Processes, 26, 12, 2011, 1466-1472 este citat în:</i>	
1	Rajput, V; Goud, M; Suri, NM Review on Recent Advances, Research Trends, and Gas Film in Electrochemical Discharge-Based Micromachining JOURNAL OF MICRO AND NANO-MANUFACTURING 2166-0468 2021 9 1 10801 10.1115/1.4049418F WOS:000630002600001	3,333333
2	Liao, ZR; Ia Monaca, A; Murray, J; Speidel, A; Ushmaev, D; Clare, A; Axinte, D; M'Saoubi, R Surface integrity in metal machining - Part I: Fundamentals of surface characteristics and formation mechanisms INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE 0890-6955 2021 162 103687 10.1016/j.ijmachtools.2020.103687 WOS:000618554800001	3,333333
3	Bhuyan, BK; Tarun; Jalaj; Saxena, R Study of the effect of process variables on output response in electro chemical discharge drilling of	3,333333

	borosilicate glass MATERIALS TODAY-PROCEEDINGS 1st International Conference on Energy, Materials Sciences and Mechanical Engineering (EMSME) OCT 31-NOV 01, 2020 Delhi, INDIA 2214-7853 2021 43 1 335 340 10.1016/j.matpr.2020.11.672 WOS:000635656400051	
4	Appalanaidu, B; Dvivedi, A On controlling of gas film shape in electrochemical discharge machining process for fabrication of elliptical holes MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2021 36 5 558 571 10.1080/10426914.2020.1854464 WOS:000599354500001	3,333333
5	Zhang, CX; Xu, ZY; Zhang, XY; Zhang, JY Surface integrity of holes machined by electrochemical discharge drilling method CIRP JOURNAL OF MANUFACTURING SCIENCE AND TECHNOLOGY 1755-5817 2020 31 643 651 10.1016/j.cirpj.2020.09.004 WOS:000600790500058	3,333333
6	Elhami, S; Razfar, MR Application of nano electrolyte in the electrochemical discharge machining process PRECISION ENGINEERING-JOURNAL OF THE INTERNATIONAL SOCIETIES FOR PRECISION ENGINEERING AND NANOTECHNOLOGY 0141-6359 2020 64 34 44 10.1016/j.precisioneng.2020.03.010 WOS:000569751900004	3,333333
7	Leyva-Bravo, J; Chinas-Sanchez, P; Hernandez-Rodriguez, A; Hernandez-Alba, GG Electrochemical discharge machining modeling through different soft computing approaches INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY 0268-3768 2020 106 7-8 3587 3596 10.1007/s00170-019-04766-z WOS:000511506500068	3,333333
8	Rathore, RS; Dvivedi, A Sonication of tool electrode for utilizing high discharge energy during ECDM MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2020 35 4 415 429 10.1080/10426914.2020.1718699 WOS:000511311500001	3,333333
9	Kumar, N; Mandal, N; Das, AK Micro-machining through electrochemical discharge processes: a review MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2020 35 4 363 404 10.1080/10426914.2020.1711922 WOS:000508541700001	3,333333
10	Peruri, SR; Chaganti, PK A review of magnetic-assisted machining processes JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING 1678-5878 2019 41 10 450 10.1007/s40430-019-1944-z WOS:000487114700004	3,333333
11	Dumitru, M; Cimpoesu, N; Zegan, G; Manole, V; Anistoroaei, D Behavior of NiTi-SMA and CuMnAl-SE smart system with optoelectronic command JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS 1454-4164 2019 21 9-10 598 604 WOS:000503047500008	3,333333
12	Zhang, CX; Xu, ZY; Hang, YS; Xing, J Effect of solution conductivity on tool electrode wear in electrochemical discharge drilling of nickel-based alloy INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY 0268-3768 2019 103 1-4 743 756 10.1007/s00170-019-03492-w WOS:000475921300053	3,333333
13	Singh, M; Singh, S Electrochemical discharge machining: A review on preceding and perspective research PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE 0954-4054 2019 233 5 SI 1425 1449 10.1177/0954405418798865 WOS:000489692300008	3,333333
14	Yadav, RN Electro-chemical spark machining-based hybrid machining processes: Research trends and opportunities PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE 0954-4054 2019 233 4 1037 1061 10.1177/0954405418755825 WOS:000458846800002	3,333333
15	Saxena, KK; Qian, J; Reynaerts, D A review on process capabilities of electrochemical micromachining and its hybrid variants INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE 0890-6955 2018 127 28 56 10.1016/j.ijmachtools.2018.01.004 WOS:000425270400003	3,333333
16	Antil, P; Singh, S; Manna, A Electrochemical Discharge Drilling of SiC Reinforced Polymer Matrix Composite Using Taguchi's Grey Relational Analysis ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING 2193-567X 2018 43 3 1257 1266 10.1007/s13369-017-2822-6 WOS:000425983400019	3,333333
17	Elhami, S; Razfar, MR Effect of ultrasonic vibration on the single discharge of electrochemical discharge machining MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2018 33 4 444 451 10.1080/10426914.2017.1328113 WOS:000428127900012	3,333333
18	Antil, P; Singh, S; Singh, PJ Taguchi's Methodology Based Electrochemical Discharge Machining of Polymer Matrix Composites 46TH SME NORTH AMERICAN MANUFACTURING RESEARCH CONFERENCE, NAMRC 46 Procedia Manufacturing 46th North American	3,333333

	Manufacturing Research Conference (NAMRC) JUN 18-22, 2018 Texas A & M Univ, College Station, TX Texas A & M Univ 2351-9789 2018 26 469 473 10.1016/j.promfg.2018.07.055 WOS:000547914400050	
19	Sen Gupta, SK Contact Glow Discharge Electrolysis: A Novel Tool for Manifold Applications PLASMA CHEMISTRY AND PLASMA PROCESSING 0272-4324 2017 37 4 897 945 10.1007/s11090-017-9804-z WOS:000404182500001	3,333333
20	Sankar, M; Gnanavelbabu, A; Rajkumar, K; Thushal, NA Electrolytic concentration effect on the abrasive assisted-electrochemical machining of an aluminum-boron carbide composite MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2017 32 6 687 692 10.1080/10426914.2016.1244840 WOS:000396020900012	3,333333
21	Zhang, Y; Xu, ZY; Xing, J; Zhu, D Effect of tube-electrode inner diameter on electrochemical discharge machining of nickel-based superalloy CHINESE JOURNAL OF AERONAUTICS 1000-9361 2016 29 4 1103 1110 10.1016/j.cja.2015.12.016 WOS:000384735300025	3,333333
22	Singh, T; Dvivedi, A Developments in electrochemical discharge machining: A review on electrochemical discharge machining, process variants and their hybrid methods INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE 0890-6955 2016 105 1 13 10.1016/j.ijmachtools.2016.03.004 WOS:000375508100001	3,333333
23	Behroozfar, A; Razfar, MR Experimental Study of the Tool Wear During the Electrochemical Discharge Machining MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2016 31 5 574 580 10.1080/10426914.2015.1004685 WOS:000367338200002	3,333333
24	Behroozfar, A; Razfar, MR Experimental and Numerical Study of Material Removal in Electrochemical Discharge Machining (ECDM) MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2016 31 4 495 503 10.1080/10426914.2015.1058951 WOS:000366308900014	3,333333
25	Gupta, PK; Dvivedi, A; Kumar, P Effect of Pulse Duration on Quality Characteristics of Blind Hole Drilled in Glass by ECDM MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2016 31 13 1740 1748 10.1080/10426914.2015.1103857 WOS:000381389100012	3,333333
26	Chavoshi, SZ; Luo, XC Hybrid micro-machining processes: A review PRECISION ENGINEERING-JOURNAL OF THE INTERNATIONAL SOCIETIES FOR PRECISION ENGINEERING AND NANOTECHNOLOGY 0141-6359 2015 41 1 23 10.1016/j.precisioneng.2015.03.001 WOS:000355024400001	3,333333
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28	Gupta, PK; Dvivedi, A; Kumar, P Developments on electrochemical discharge machining: A review of experimental investigations on tool electrode process parameters PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE 0954-4054 2015 229 6 910 920 10.1177/0954405414534834 WOS:000353989900002	3,333333
29	Xu, LY; Wu, Q; Tang, Y; Qu, G; Wu, XD Experimental Study on Force of Electric Heating Drilling to Hard-to-Cut Materials MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2015 30 2 263 271 10.1080/10426914.2014.921703 WOS:000346828700019	3,333333
30	Pawar, P; Ballav, R; Kumar, A Revolutionary Developments in ECDM Process: An Overview MATERIALS TODAY-PROCEEDINGS 4th International Conference on Materials Processing and Characterization (ICMPC) MAR 14, 2015 Gokaraju Rangaraju Inst Engin & Technol, Hyderabad, INDIA Gokaraju Rangaraju Inst Engin & Technol 2214-7853 2015 2 4-5 3188 3195 10.1016/j.matpr.2015.07.113 WOS:000363467600257	3,333333
31	Huang, SF; Liu, Y Electrochemical Micromachining of Complex Shapes on Nickel and Nickel-Based Superalloys MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2014 29 11-12 1483 1487 10.1080/10426914.2014.930897 WOS:000343236800023	3,333333
32	Bhuyan, BK; Yadava, V Experimental modelling and multi-response optimization of travelling wire electrochemical spark machining of Pyrex glass PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE 0954-4054 2014 228 8 902 916 10.1177/0954405413514745 WOS:000340135000007	3,333333
33	Shrivastava, PK; Dubey, AK Electrical discharge machining-based hybrid machining processes: A review PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE 0954-4054 2014 228 6 799 825 10.1177/0954405413508939 WOS:000337976000001	3,333333
34	Huang, SF; Liu, Y; Li, J; Hu, HX; Sun, LY Electrochemical Discharge Machining Micro-Hole in Stainless Steel with Tool Electrode High-Speed	3,333333

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35	Tang, L; Gan, WM Experiment and simulation study on concentrated magnetic field-assisted ECM S-03 special stainless steel complex cavity INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY 0268-3768 2014 72 5-8 685 692 10.1007/s00170-014-5701-2 WOS:000336052400011	3,333333
36	Chavoshi, SZ; Behagh, AM A note on influential control parameters for drilling of hard-to-machine steel by electrochemical discharge machining INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY 0268-3768 2014 71 9-12 1883 1887 10.1007/s00170-014-5646-5 WOS:000333394300032	3,333333
37	Tang, L; Li, B; Yang, S; Duan, QL; Kang, BY The effect of electrolyte current density on the electrochemical machining S-03 material INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY 0268-3768 2014 71 9-12 1825 1833 10.1007/s00170-014-5617-x WOS:000333394300027	3,333333
38	Bhuyan, BK; Yadava, V Experimental Study of Traveling Wire Electrochemical Spark Machining of Borosilicate Glass MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2014 29 3 298 304 10.1080/10426914.2013.852216 WOS:000333997400008	3,333333
39	Yeh, CC; Wu, KL; Lee, JW; Yan, BH Processing Characteristics Using Phosphorous Dielectric on Wire Electrical Discharge Machining of Polycrystalline Silicon MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2014 29 2 146 152 10.1080/10426914.2013.852203 WOS:000332199000010	3,333333
A.2.	Coteata, M., Slatineanu, L., Dodun, O, Ciofu, C. Electrochemical discharge machining of small diameter holes. International Journal of Material Forming, Volume 1, Supplement 1 / January, 2008, DOI 10.1007/s12289-008-0148-3, 1327-1330, ISSN 1960-6206 (Print) 1960-6214 (Online) citat ISI in:	
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2	Madhavi, JB; Hiremath, SS Generation and Characterization of Borosilicate Glass Nanoparticles using in-House Developed mu-ECDM Setup SILICON 1876-990X 10.1007/s12633-021-00986-9 WOS:000615200800002	2,5
3	Bellubbi, S; Naik, R; Sathisha, N An experimental study of process parameters on material removal rate in ECDM process MATERIALS TODAY-PROCEEDINGS International Conference on Laser Deposition - Nanostructures, Hetero-Structures and 2D Layers NOV 27-29, 2019 Alvas Inst Engrn & Technol, Moodbidri, INDIA Alvas Inst Engrn & Technol 2214-7853 2021 35 3 298 302 10.1016/j.matpr.2020.01.510 WOS:000615247000002	2,5
4	Tayade, RM; Doloi, B; Sarkar, BR; Bhattacharyya, B Micro-Hole Drilling on Ti6Al4V by Sequential Electro-Micro-Machining (SEMM) Approach JOURNAL OF ADVANCED MANUFACTURING SYSTEMS 0219-6867 2020 19 3 499 516 10.1142/S0219686720500249 WOS:000576739500005	2,5
5	Kumar, N; Mandal, N; Das, AK Micro-machining through electrochemical discharge processes: a review MATERIALS AND MANUFACTURING PROCESSES 1042-6914 2020 35 4 363 404 10.1080/10426914.2020.1711922 WOS:000508541700001	2,5
6	Saini, G; Manna, A; Sethi, AS Investigations on performance of ECDM process using different tool electrode while machining e-glass fibre reinforced polymer composite MATERIALS TODAY-PROCEEDINGS International Conference on Aspects of Materials Science and Engineering (ICAMSE) MAY 29-30, 2020 ELECTR NETWORK 2214-7853 2020 28 2 1622 1628 10.1016/j.matpr.2020.04.853 WOS:000548078600027	2,5
7	Peruri, SR; Chaganti, PK A review of magnetic-assisted machining processes JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING 1678-5878 2019 41 10 450 10.1007/s40430-019-1944-z WOS:000487114700004	2,5
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9	Singh, M; Singh, S Machining of Carbon Fibre Reinforced Polymer Composite by Electrochemical Discharge Machining Process 2019 3RD	2,5

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10	Goud, M; Sharma, AK; Jawalkar, C A review on material removal mechanism in electrochemical discharge machining (ECDM) and possibilities to enhance the material removal rate PRECISION ENGINEERING-JOURNAL OF THE INTERNATIONAL SOCIETIES FOR PRECISION ENGINEERING AND NANOTECHNOLOGY 0141-6359 2016 45 1 17 10.1016/j.precisioneng.2016.01.007 WOS:000376212000001	2,5
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3	Goigana, M; Flano, O; Sarasua, JA; Ramos, JM; Echavarri, L Design and validation of a headstock prototype for dry EDM drilling INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY 0268-3768 2019 105 1-4 295 308 10.1007/s00170-019-04182-3 WOS:000495396000017	2,5
4	Abu Qudeiri, JE; Saleh, A; Ziout, A; Mourad, AH; Abidi, MH; Elkaseer, A Advanced Electric Discharge Machining of Stainless Steels: Assessment of the State of the Art, Gaps and Future Prospect MATERIALS 1996-1944 2019 12 6 907 10.3390/ma12060907 WOS:000464364100015	2,5
5	Meshram, DB; Puri, YM Review of research work in die sinking EDM for machining curved hole JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING 1678-5878 2017 39 7 2593 2605 10.1007/s40430-016-0622-7 WOS:000403448300019	2,5
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8	Singh, NK; Pandey, PM; Singh, KK; Sharma, MK Steps towards green manufacturing through EDM process: A review COGENT ENGINEERING 2331-1916 2016 3 1 1272662 10.1080/23311916.2016.1272662 WOS:000397384100158	2,5
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3.3 (a) Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice / (b) Recenzent pentru reviste și manifestări științifice naționale și internaționale indexate ISI		
3.3.1 indexate ISI		10 puncte
1.	International conference on Material Forming 2021 24th ESAFORM Conference, virtual conference, organizator al Mini-simpozionului Non-conventional processes, membru comitet stiintific, recenzent, participant	10,00
2.	International conference on Material Forming 2020 23rd ESAFORM Conference, virtual conference, organizator al Mini-simpozionului Non-conventional processes, membru comitet stiintific, recenzent, participant	10,00
3.	International conference on Material Forming 2019 22nd ESAFORM Conference, Victoria Gasteiz, Spania, co-organizator al Mini-simpozionului Non-conventional processes, membru comitet stiintific, recenzent, participant	10,00
4.	International conference on Material Forming 2018 21st ESAFORM Conference, Palermo, Italia, membru comitet stiintific, recenzent, participant	10,00
5.	International conference on Material Forming 2017 20th ESAFORM Conference, Dublin, Irlanda membru comitet stiintific, recenzent	10,00
6.	International conference on Material Forming 2016 19th ESAFORM Conference, Nantes, Franta, membru comitet stiintific, recenzent, participant	10,00
7.	International conference on Material Forming ESAFORM 2015 Graz Austria, coordonator Minisymposium, membru comitet stiintific, recenzent, participant	10,00
8.	International conference on Material Forming ESAFORM 2014 Espoo Finlanda, membru comitet stiintific, recenzent, participant	10,00
9.	International conference on Material Forming ESAFORM 2013 Aveiro, Portugalia, membru comitet stiintific, recenzent, participant	10,00
10.	Conferinta Internationala ModTech 2012 - membru comitet de organizare	10,00
11.	Conferinta Internationala ModTech 2011 - membru comitet de organizare	10,00
12.	Conferinta Internationala ModTech 2010 - membru comitet de organizare	10,00
13.	Conferinta Internationala ModTech 2009 - membru comitet de organizare	10,00
14.	Conferinta Internationala IManEE 2016 - membru comitet de organizare si recenzent	10,00
15.	Conferinta Internationala IManEE 2014 - membru comitet de organizare si recenzent	10,00
16.	Conferinta Internationala IManEE 2013 - membru comitet de organizare si recenzent	10,00
17.	Recenzent Journal of Engineering Manufacture	10,00
3.3.2 indexate BDI neindexate		8 puncte
1.	Conferința Internațională ModTech 2012 - membru comitet de organizare si recenzent	8,00
2.	Conferinta Internationala ModTech 2011 - membru comitet de organizare si recenzent	8,00
3.	Conferinta Internationala IManne 2016 - membru comitet de organizare si recenzent	8,00
4.	The Nonconventional Technologies Review (Revista de Tehnologii Neconvenționale)	8,00
3.3.3 naționale și internaționale neindexate		5 puncte
1.	DTMM - 2010 Iasi- - membru comitet de organizare	5,00
3.4 Experiența de management, analiză și evaluare în cercetare și/sau învățământ		
3.4.1 Conducere		5*ani desfășurare
3.4.2 Membru		2*ani desfășurare
3.5 Premii		
3.5.1 Academia Română		30 puncte
3.5.2 ASAS, AOSR, academii de ramură și CNCS		15 puncte
3.5.3 premii internaționale		10 puncte
1.	Premiul FESTO 2008 - "winner of Festo young Researcher and Scientist Support Scholarship at 19th International DAAAM Symposium", 22-25th October 2008, Trnava Slovacia - valoare premiu 500 euro	10.00

3.5.4 premii naționale în domeniu		
3.6 Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării		
3.6.1 Academia Română		
3.6.2 ASAS, AOSR și academii de ramură		
3.6.3 Conducere asociații profesionale		
3.6.4 Asociații profesionale		
3.6.4.1 internaționale		5 puncte
1.	ESAFORM	5.00
3.6.4.2 naționale		3 puncte
1.	Asociația Română pentru Tehnologii Alternative Sibiu	3.00
2.	Asociația Română de Tehnologii Neconventionale	3.00
3.6.5 Organizații în domeniul educației și cercetării		
3.6.5.1 Conducere		10 puncte
3.6.5.2 Membru		5 puncte

Data: 18.06.2021
Candidat,
Margareta Coteață