Conf. Dr. Ing. STANCIU Elena-Manuela

Gradul de îndeplinire al standardelor specifice minimale necesare şi obligatorii pentru conferirea titlurilor didactice din învățământul superior

Comisia: **INGINERIA ŞI MANAGEMENTUL PRODUCȚIEI**

Ultima promovare în data de 01.10.2018 conform Deciziei Rectorului nr. 9391/28.09.2018.

Nr. Crt.	Domeniul activitatilor	Tipul activităților	Categorii și restricții	Subcategorii	Indicatori unitari	Puncte
1.	A1 Activitatea didactică și profesională	1.1. Cărți și capitole în cărți de specialitate	1.1.1. Cărti / capitole ca autor	1.1.1.1. Internaționale	Nr. pagini/(5*nr. autori)	0
				Stanciu Elena Manuela, *Laser welding: Theoretical background and applications*, Editura Lambert Academic Publishing, **2018**, ISBN 978-613-9-87404-0, 258 pag. https://drive.unitbv.ro/s/AW34exCt5wjG93j		51.6
				1.1.1.2. Naționale (Ed. Recunoscute CNCSIS)	Nr. pagini/(10*nr. autori);	0
				Stanciu Elena Manuela, Pascu Alexandru, *Sudarea cu laser*, Editura LuxLibris, ISBN 978-973-131-304-4, **2014**, 178 pag. https://drive.unitbv.ro/s/tbcDBqTKW9aroFp		8.9

				Stanciu Elena-Manuela, Măsurători, toleranțe și control dimensional, Editura LuxLibris, **2017**, ISBN 978-973-131-392-4, 102 pag https://drive.unitbv.ro/s/gSQYYnexPL6GQXQ		10
			1.1.2. Cărti ca editor	**1.1.2.1. Internaționale**	Nr. pagini/(10*nr. editori)	0
				1.1.2.2. Naționale	Nr. pagini/(20*nr. editori);	0
		1.2. Alte materiale didactice – inclusiv in format electronic (pt format electronic – echivalent format A4 text fara figuri cu min.3200 caractere inclusiv spatii)	**1.2.1. Suporturi de curs / Îndrumare** Profesor: minimum 4, din care 2 prim autor Conferențiar: minimum 2, din care 1 prim autor		nr. pagini/(20*nr. autori)	0
				Voiculescu Ionelia, Vasile Ion Mihai, **Stanciu Elena Manuela**, Pascu Alexandru, *Știinta și Ingineria Materialelor*, Editura LuxLibris, ISBN 978-973-131-316-0, **2015**, 212 pag. https://drive.unitbv.ro/s/7Spyn4yoPzjbjwL		2.65
				Voiculescu Ionelia, Vasile Ion Mihai, Pascu Alexandru, **Stanciu Elena Manuela**, *Materiale și tratamente termice pentru structuri sudate,* Editura Printech, ISBN 978-606-23-0690-8 2016, 300 pag. https://drive.unitbv.ro/s/43ftDcQHWECNRd9		3.75
				Stanciu Elena Manuela, *Curs de Toleranțe și control dimensional,* Editura Printech, ISBN 978-606-23-0864-3, 2018, 83 pag https://drive.unitbv.ro/s/Rj2bBjZ93GWSWnW		4.15
				Stanciu Elena Manuela, *Îndrumar de laborator, Tehnologia materialelor***,** Editura Universității Transilvania din Brașov**,** ISBN 978-606-19-1677-1, 2023, 86 pag.		4.3

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				https://drive.unitbv.ro/s/EQcPpKf8NnrNWpQ		
		1.3. Coordonare de programe de studii, organizare și coordonare programe de formare continuă	**Director/ Responsabil/**		Punctaj: 15	0
				Coordonator program de studii Ingineria sudării, Facultatea de Știința și ingineria materialelor, Universitatea Transilvania din Brașov. https://drive.unitbv.ro/s/k4bkDo4cwfR2kgX		15
		1.4. Dezvoltare de noi discipline	**Titular**		Punctaj: 10	0
				Tehnologii curate de sudare programul de studii de masterat "Ingineria sudării materialelor avansate", Facultatea SIM, Universitatea Transilvania din Brașov. https://drive.unitbv.ro/s/dNRNc5pnp4zLM94		10
				TCD programul de studii de licență "Ingineria sudării" și "Ingineria securității in industrie", Facultatea SIM, Universitatea Transilvania din Brașov. https://drive.unitbv.ro/s/dNRNc5pnp4zLM94		10
				Surse moderne de sudare, programul de studii de masterat "Ingineria sudării materialelor avansate", Facultatea SIM, Universitatea Transilvania din Brașov. https://drive.unitbv.ro/s/dNRNc5pnp4zLM94		10
				Etică și integritate academică Facultatea SIM, Universitatea Transilvania din Brașov. https://drive.unitbv.ro/s/dNRNc5pnp4zLM94		10
		1.5. Proiecte educationale (ERASMUS, Leonardo etc.)	**Director/ Responsabil**		Punctaj : 10 * (ani desfășurare)	0

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					TOTAL A_1	**140,8**
2.	**A_2 Activitatea de cercetare**	**2.1. Articole în Reviste cotate ISI Thomson Reuters și în Volume unor maniferstari stiintifice indexate ISI Thomson Reuters, vizibile in baze de date** De la ultima promovare* Minimum 8 articole, din care 3 în reviste, minimum 3 ca autor principal, pentru Profesor. Pentru profesor și CS1, începând din 2018 - minimum 1 articol în reviste din zona roșie sau galbenă.	**Reviste ISI**	https://www.webofscience.com/wos/author/record/JRW-0121-2023	(30 + 10 * fact. impact)/ (nr.de autori)	
			<u>De la ultima promovare</u>: 15 articole în reviste dintre care 4 articole ca autor principal, 10 articole în reviste din zona galbenă sau roșie			
			1. **E.M. Stanciu** , A. Pascu , C. Croitoru , I. C. Roata, D. Cristea, M.H.Tierean, I. Hulka, I.M. Petre, J. C. Mirza Rosca, *Functional Surfaces via Laser Processing in Nickel Acetate Solution*, **Materials**, 2023, 16, 3087, e-ISSN 1996-1944, **SRI 1,659, FI 3,4, (Q2)** WOS:000976464500001 https://www.webofscience.com/wos/woscc/full-record/WOS:000976464500001			7.11
			2. D.N. Avram, C.M. Davidescu, , I. Hulka, M.L. Dan, **E.M. Stanciu***, A. Pascu, J.C. Mirza-Rosca, Corrosion behavior of coated low carbon steel in simulated PEMFC environment , **Materials,** 2023, 16, 3056 , e-ISSN 1996-1944 **SRI 1,659, FI 3,4, (Q2)** WOS:000976988300001 https://www.webofscience.com/wos/woscc/full-record/WOS:000976988300001			9.14
			3. D.N. Avram, C.M. Davidescu, M.L. Dan, J.C. Mirza-Rosca, I. Hulka, A. Pascu, **E.M. Stanciu***, *Electrochemical Evaluation of Protective Coatings with Ti Additions on Mild Steel Substrate with Potential Application for PEM Fuel Cells,* **Materials,** 2022, 15, 5364, e-ISSN 1996-1944, **SRI 1,659, FI 3,4, (Q2)** WOS:000838943600001			9.14

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			https://www.webofscience.com/wos/woscc/full-record/WOS:000838943600001	
			4. **E.M. Stanciu**, A. Pascu, I.C. Roată, C. Croitoru, M. Tierean, J. Mirza Rosca, I. Hulka, *Solar radiation synthesis of functional carbonaceous materials using Al2O3/TiO2-Cu-HA doped catalyst*, **Applied Surface Science**, pp 33–40, 2018, ISSN 0169-4332 **SRI 1,47, FI 5.15 (Q1)** WOS:000425731200005 https://www.webofscience.com/wos/woscc/full-record/WOS:000425731200005	11.64
			5. E.R. Moldovan, C.C. Doria, J.L. Ocana, B. Istrate, N. Cimpoesu, L.S. Baltes, **E.M. Stanciu**, C. Croitoru, A. Pascu, C. Munteanu, M.H. Tierean, *Morphological Analysis of Laser Surface Texturing Effect on AISI 430 Stainless Steel,* **Materials,** 2022, 15(13), 4580, e-ISSN 1996-1944, **SRI 1,659, FI 3,4 (Q2)** WOS:000824045100001 https://www.webofscience.com/wos/woscc/full-record/WOS:000824045100001	5.82
			6. E.R. Moldovan, C.C. Doria, J.L. Ocana, L.S. Baltes, **E.M. Stanciu**, C. Croitoru, A. Pascu, I.C. Roata, M.H. Tiereanu, *Wettability and Surface Roughness Analysis of Laser Surface Texturing of AISI 430 Stainless Steel,* **Materials,** 2022, 15(8), 2955, e-ISSN 1996-1944, **SRI 1,659, FI 3,4, (Q2)** WOS:000787465000001 https://www.webofscience.com/wos/woscc/full-record/WOS:000787465000001	7.12
			7. E.R. Moldovan, C.C. Doria, J.L.O. Ocana Moreno, L.S. Baltes, **E.M. Stanciu**, C. Croitoru, A. Pascu, M.H. Tierean, *Geometry characterization of AISI 430 stainless steel microstructuring using laser,* **Archives of Metallurgy and Materials**, 2022, 67(2), pp 645-652, ISSN 1733-3490, **SRI 0,338, FI 0.6**	4.5

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			WOS:000813491700008 https://www.webofscience.com/wos/woscc/full-record/WOS:000813491700008	
			8. I. Hulka, I.D. Utu, D. Avram, M.L. Dan, A, Pascu, **E.M. Stanciu**, I.C. Roata, *Influence of the Laser Cladding Parameters on the Morphology, Wear and Corrosion Resistance of WC-Co/NiCrBSi Composite Coatings,* **Materials,** 2021, 14(19), 5583, e-ISSN 1996-1944, **SRI 0,62, FI 3,748, (Q1)** WOS:000710250900001 https://www.webofscience.com/wos/woscc/full-record/WOS:000710250900001	9.64
			9. V. Geanta, I. Voiculescu, D. Tenciu, L. Baschir, **E.M. Stanciu**, A. Pascu, *Effect of laser processing on the microstructure of the FeCrAl alloys,* **Journal of Optoelectronics and Advanced Materials,** 2020, 22(7-8), pp 411-418, ISSN 1454-4164, **SRI 0,148, FI 0.63** WOS:000583720800013 https://www.webofscience.com/wos/woscc/full-record/WOS:000583720800013	6.05
			10. C. Croitoru, I.C. Roata, A. Pascu, **E.M. Stanciu**, *Diffusion and Controlled Release in Physically Crosslinked Poly (Vinyl Alcohol)/Iota-Carrageenan Hydrogel Blends,* **Polymers,** 2020, 12 (7), 1544, ISSN 2073-4360, **SRI 0,88, FI 3,42 (Q1)** WOS:000558033000001 https://www.webofscience.com/wos/woscc/full-record/WOS:000558033000001	16.05
			11. I.C. Roata, C. Croitoru, A. Pascu, **E.M. Stanciu**, I. Hulka, I. Petre, C. Gabor, D. Patroi, , B.G. Sbarcea, *Surface engineering of Ni-Al coatings through concentrated solar heat treatment*, **Applied Surface Science**, 2020, 506, 144185, ISSN 0169-4332, **SRI 1,32, FI 6.18 (Q1)** WOS:000512983600137 https://www.webofscience.com/wos/woscc/full-record/WOS:000512983600137	10.2

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			12. C. Croitoru, I.C. Roata, A. Pascu, **E.M. Stanciu**, I. Hulka, G. Stoian, N. Lupu, *Photocatalytic surfaces obtained through one-step thermal spraying of titanium*, **Elsevier, Applied Surface Science**,2020, 504, 144173, ISSN 0169-4332, **SRI 1,32, FI 6.18 (Q1)** WOS:000502040600179 https://www.webofscience.com/wos/woscc/full-record/WOS:000502040600179	13.11
			13. Pascu, **E.M Stanciu**, C. Croitoru, I.C. Roata, J.M. Rosca, N. Cimpoesu, M.H. Tierean, C. Bogatu, *Pulsed Laser Cladding of NiCrBSiFeC Hardcoatings Using Single-Walled Carbon Nanotube Additives*, **Journal of Nanomaterials** 2019, 1-12, 2019, 2401295, ISSN: 1687-4110, **FI 2,23** WOS:000487080800001 https://www.webofscience.com/wos/woscc/full-record/WOS:000487080800001	6.53
			14. V. Geanta, I. Voiculescu, R. Stefanoiu, A. Jianu, I. Milosan, **E.M. Stanciu**, A. Pascu, I.M. Vasile, *Titanium Influence on the Microstructure of FeCrAl Alloys Used for 4R Generation Nuclear Power Plants*, **Revista de chimie**,2019, 70 (2), pp. 549-554, ISSN: 0034-7752, **SRI 0,37, FI 1.60** WOS:000461982200038 https://www.webofscience.com/wos/woscc/full-record/WOS:000461982200038	5.51
			15. I.C. Roata, C. Croitoru, A. Pascu, **E.M. Stanciu**, *Photocatalytic coatings via thermal spraying: a mini-review,* **AIMS Materials Science**, 2019, 6(3), pp. 335-353, ISSN 2372-0468, **SRI 0, FI 0.2** WOS:000471016400003 https://www.webofscience.com/wos/woscc/full-record/WOS:000471016400003	8
			16. C. Croitoru, C. Spirchez, A.Lunguleasa, D.Cristea, I.C.Roata, M. A.Pop, T.Bedo, **E.M.Stanciu**, A.Pascu, *Surface properties of thermally treated composite wood panels*, **Applied Surface Science 438,** pp 114–126, 2018, ISSN 0169-4332	9.05

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			SRI 1,47, IF 5.15 (Q1) WOS:000425731200013 https://www.webofscience.com/wos/woscc/full-record/WOS:000425731200013	
			17. I. C. Roată, C. Croitoru, A. Pascu, **E.M. Stanciu,** *Characterization of physically crosslinked ionic liquid-lignocellulose hydrogels*, **BioResources** 13(3), 6110-6121, 2018. **FI 1.39 (Q2)** WOS:000440506300095 https://www.webofscience.com/wos/woscc/full-record/WOS:000440506300095	10.5
			18. A. Pascu, **E.M. Stanciu**, C. Croitoru, I. C. Roată, M.H. Tierean, *Carbon Nanoparticle-Supported Pd Obtained by Solar Physical Vapor Deposition*, **Advances in Materials Science and Engineering**, Volume 2018, 2018, ISSN: 1687-8434**, FI 1,29** DOI 10.1155/2018/4730192, WOS:000426193300001 https://www.webofscience.com/wos/woscc/full-record/WOS:000426193300001	8.74
			19. I. C. Roată, C. Croitoru, A. Pascu, **E.M. Stanciu,** *Photocatalytic performance of copper-based coatings deposited by thermal spraying,* **Journal of Materials Science: Materials in Electronics,** 29, (13), 11345–11357, 2018, **FI 2.19 (Q2)** WOS:000435588600069 https://www.webofscience.com/wos/woscc/full-record/WOS:000435588600069	12.97
			20. C. Croitoru, A.M. Varodi, M.C. Timar, I.C. Roata, **E.M. Stanciu**, A. Pascu, *Wood-plastic composites based on HDPE and ionic liquid additives*, **Journal of Materials Science** 53, Issue 6, pp 4132–4143, 2018, ISSN 0022-2461, **SRI 1,27 , FI 3.4 (Q2)**	9.31

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			WOS:000418294200017 https://www.webofscience.com/wos/woscc/full-record/WOS:000418294200017	
			21. **E.M. Stanciu**, A. Pascu, M.H. Tierean, I.C. Roata, I. Voiculescu, I.Hulka, C.Croitoru, *Dissimilar Laser Welding of AISI 321 and AISI 1010*, **Technical Gazette**, ISSN 1330-3651, Vol. 25/No. 2, 2018, **SRI 0.29, FI 0.72** DOI 10.17559/TV-20160722151049, WOS:000430936800006 https://www.webofscience.com/wos/woscc/full-record/WOS:000430936800006	5.31
			22. A. Pascu, **E.M. Stanciu**, I. C. Roata, I. Hulka, D. Utu, I. Maior, *Influence of the laser cladding parameters and solar heat treatment on the properties of biocompatible inconel 718 coatings*, Revista Română de Materiale **/ Romanian Journal of Materials** issn:2457502X, 2017, **SRI 0,14, FI 0,66** WOS:000404823800006 https://www.webofscience.com/wos/woscc/full-record/WOS:000404823800006	6.10
			23. A. Pascu, **E.M. Stanciu**, D. Savastru, V. Geanta, C. Croitoru, *Optical and microstructure characterisation of ceramic – hydroxyapatite coating fabricated by laser cladding*, **Journal of Optoelectronics and Advanced Materials**, ISS 1-2_2017, pg. 66-72. **SRI 0,19, FI 0,39** WOS:000400880700010 https://www.webofscience.com/wos/woscc/full-record/WOS:000400880700010	6.76
			24. **E.M. Stanciu**, A. Pascu, M.H. Tierean, I. Voiculescu, I.C. Roata, C. Croitoru, I. Hulka, *Dual Coating Laser Cladding of NiCrBSi and Inconel 718*, **Materials and Manufacturing Processes**, Volume 31, Issue 12, pp. 1556-1564, 2016. DOI: 10.1080/10426914.2015.1103866, 2016, **SRI 0.74 , FI 2.27**	6.3

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			WOS:000381388400003 https://www.webofscience.com/wos/woscc/full-record/WOS:000381388400003	
			25. A.Pascu, **E.M. Stanciu**, I.Voiculescu, M.H.Tierean, I.C.Roata, J.L.Ocana, *Chemical and Mechanical Characterization of AISI 304 and AISI 1010 Laser Welding*, **Materials and Manufacturing Processes**, Volume: 31, Issue: 03, pp. 311 – 318, DOI: 10.1080/10426914.2015.1025970, 2015 , **SRI 0.74 , FI 2.27** WOS:000365670400008 https://www.webofscience.com/wos/woscc/full-record/WOS:000365670400008	7.35
			Volume conferinte indexate ISI	25/nr.de autori
			1. I. Voiculescu, V. Geanta, **E.M. Stanciu**, D.A. Jianu, C. Postolache, V. Fugaru, *Effect of Irradiation and Temperature on Microstructural Characteristic of FeCrAl Alloys*, **Acta Physica Polonica A**, 134(1), pp116-118, ISSN: 0587-4246, 2018, WOS:000451281600030 https://www.webofscience.com/wos/woscc/full-record/WOS:000451281600030	4.17
			2. C. Roată, A. Pascu, **E. M. Stanciu**, *Influence of the Electric Field Voltage on the Microhardness of the Layers Coated by Thermal Spraying*, Solid State Phenomena, Vol 216, pp. 316-321, Aug. 2014 WOS:000347924100055 https://www.webofscience.com/wos/woscc/full-record/WOS:000347924100055	8.33
			3. **E. M. Stanciu**, A. Pascu, I. C. Roată, *Edge Fillet Laser Welding of AISI 304 Stainless Steel*, Solid State Phenomena, Vol 216, pp. 304-309, Aug. 2014	8.33

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			WOS:000347924100053 https://www.webofscience.com/wos/woscc/full-record/WOS:000347924100053	
			4. A.C. Pavalache, I. M. Vasile, **E.M. Stanciu**, I. Voiculescu *Case Study about the Effect of Measurement Parameters Values on the Microhardness Results*, IEEE International Workshop on Advanced Methods for Uncertainty Estimation Measurement Proceedings- AMUEM 2009, p 54-57, ISBN: 978-1-4244-3593-7 WOS:000274329100011 https://www.webofscience.com/wos/woscc/full-record/WOS:000274329100011	6.25
			5. M. Iliescu, T. Necşoiu, **E. M. Stanciu**, *Study on Process Parameters in Fiber Laser Micro-Cutting Technology*, Applied Mechanics and Materials, Vol 657, pp. 211-215, Oct. 2014 WOS:000348898000041 https://www.webofscience.com/wos/woscc/full-record/WOS:000348898000041	8.33
			15/nr. de autori	
			De la ultima promovare 10 articole	
			1. D.N. Avram, C.M. Davidescu, M.L. Dan, J.C. Mirza-Rosca, I. Hulka, **E.M. Stanciu,** A. Pascu, *Corrosion resistance of NiCr(Ti) coatings for metallic bipolar plates,* **Materials Today-Proceedings,** 72, pp 538 – 543, ISSN 2214-7853, 2023. Indexat în baza de date: **Scopus** https://www.sciencedirect.com/science/article/pii/S2214785322057996	2.15

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		2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale **Minimum 8 pentru profesor*;**	2. D.N. Avram, C.M. Davidescu, M.L. Dan, **E.M. Stanciu,** A. Pascu, J.C. Mirza-Rosca, I. Hulka, *Influence of titanium additions on the electrochemical behaviour of NiCr/Ti laser cladded coatings*, **Annals of "Dunarea de Jos" University of Galati, Fascicle XII, Welding Equipment and Technology**, 33, pp 107 – 111, ISSN: 1221-4639, 2022. Indexat în baza de date: **Scopus** https://www.gup.ugal.ro/ugaljournals/index.php/awet/article/view/5532	2.15
			3. **E.M. Stanciu**, A. Pascu, I.C. Roată, C. Iatan, E.R. Moldovan and M.H. Tierean, *Millisecond pulsed laser welding of AISI 316 stainless steel,* **IOP Conf. Series: Materials Science and Engineering,** IOP Publishing, 1251, 2022, 012012, doi:10.1088/1757-899X/1251/1/012012. Indexat în baza de date: **Scopus** https://iopscience.iop.org/issue/1757-899X/1251/1	2.5
			4. D.C. Cuculea, G.L. Ardelean, **E.M. Stanciu,** Roată I., A. Pascu, *Dilution in laser cladding with Ni-based powders,* **Annals of "Dunarea de Jos" University of Galati, Fascicle XII, Welding Equipment and Technology**, 32, pp 56 – 60, ISSN: 1221-4639, 2021. Indexat în baza de date: **Scopus** https://www.gup.ugal.ro/ugaljournals/index.php/awet/article/view/4993	3
			5. A. Pascu, E. M. Stanciu, I. Roată, C. Croitoru, M. Tierean, I. Hulka, J. Mirza Rosca, *Reconditioning of compression moulds by laser cladding*, **Annals of Faculty of Engineering Hunedoar**a – International Journal of Engineering XVII (4), 41-44, (2019). Indexat în baza de date: **Proquest** https://www.proquest.com/docview/2344261949/C2A925526C5442C6PQ/1?accountid=7257	2.14
			6. I. C. Roată, C. Croitoru, A. Pascu, **E.M. Stanciu**, *Photocatalytic coatings via thermal spraying: a mini-review*, **AIMS Materials Science** 6 (3), 335–353, 2019. Indexat în baza de date: **Scopus** https://www.aimspress.com/article/10.3934/matersci.2019.3.335/figure.html	3.75

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			7. **E.M. Stanciu**, A. Pascu, I.C. Roata, C. Croitoru, M.H. Tierean, *Laser welding of dissimilar materials*, **Materials Today-Proceedings,** 19, pp 1066-1072, ISSN 2214-7853, 2019. Indexat în baza de date: **Scopus** WOS:000496428200023 https://www.sciencedirect.com/science/article/pii/S2214785319329529	3
			8. A. Pascu, J.M. Mirza, **E.M. Stanciu**, *Laser cladding: from experimental research to industrial applications*, **Materials Today-Proceedings**, 19, pp 1059-1065, ISSN 2214-7853, 2019, Autor corespondent. Indexat în baza de date: **Scopus** WOS:000496428200022 https://www.sciencedirect.com/science/article/pii/S2214785319329517	3.75
			9. I.C. Roata, C. Croitoru, **E.M. Stanciu**, A. Pascu, *Cladding under the spotlight: between performance materials and occupational health hazards*, **Materials Today-Proceedings**, 19, pp 1051-1058, ISSN 2214-7853, 2019. Indexat în baza de date: **Scopus** WOS:000496428200021 https://www.sciencedirect.com/science/article/pii/S2214785319329505	3.75
			10. C. Croitoru, A. Pascu, **E.M. Stanciu**, I.C. Roata, *Solar synthesis of carbon microparticles from polymer waste*, **Materials Today-Proceedings**, 19, pp 996-1002, ISSN 2214-7853, 2019. Indexat în baza de date: **Scopus** WOS:000496428200013 https://www.sciencedirect.com/science/article/pii/S2214785319329426	3.75
			11. **E.M. Stanciu**, A. Pascu, I. Gheorghiu, *CMT Welding of Low Carbon Steel Thin Sheets*, IOP Conference Series: Materials Science and Engineering , 209, 2017, 012051, doi:10.1088/1757-899X/209/1/012051 Indexat în baza de date: **Scopus** http://iopscience.iop.org/issue/1757-899X/209/1	5

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			http://iopscience.iop.org/article/10.1088/1757-899X/209/1/012051	
			12. C. Croitoru, A. Pascu, I. C. Roata, **E. M. Stanciu**, *Obtaining and Characterization of Polyolefin-Filled Calcium Carbonate Composites Modified with Stearic Acid*, IOP Conference Series: Materials Science and Engineering , 209, 2017, 012041, doi:10.1088/1757-899X/209/1/012041 Indexat în baza de date: **Scopus** http://iopscience.iop.org/issue/1757-899X/209/1 http://iopscience.iop.org/article/10.1088/1757-899X/209/1/012041	3.75
			13. C. Roata, A. Pascu, C. Croitoru, **E. M. Stanciu**, M. A. Pop, Thermal Spraying of CuAlFe Powder on Cu5Sn Alloy, IOP Conference Series: Materials Science and Engineering , 209, 2017, 012042 doi:10.1088/1757-899X/209/1/012042 Indexat în baza de date: **Scopus** http://iopscience.iop.org/issue/1757-899X/209/1 http://iopscience.iop.org/article/10.1088/1757-899X/209/1/012042	3
			14. C. Croitoru, I. C. Roata, A. Pascu, **E. M. Stanciu**, Ionic Liquid Surface Treatment of Calcite for Improved Compatibility with Polyolefin Matrix, IOP Conference Series: Materials Science and Engineering , 209, 2017, 012052 doi:10.1088/1757-899X/209/1/012052 Indexat în baza de date: **Scopus** http://iopscience.iop.org/issue/1757-899X/209/1 http://iopscience.iop.org/article/10.1088/1757-899X/209/1/012052	3.75
			15. A. Pascu, **E. M. Stanciu**, C. Croitoru, I. C. Roata, M. H. Tierean, Pulsed Laser Cladding of Ni Based Powder, IOP Conference Series: Materials Science and Engineering , 209, 2017, 012058 doi:10.1088/1757-899X/209/1/012058 Indexat în baza de date: **Scopus** http://iopscience.iop.org/issue/1757-899X/209/1 http://iopscience.iop.org/article/10.1088/1757-899X/209/1/012058	3
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			17. V. Geanta, I. Voiculescu and **E.M Stanciu**, *Hafnium influence on the microstructure of FeCrAl alloys*, **Materials Science and Engineering** 133, issn:012016, 2016. Indexat în baza de date: **Scopus** WOS:000391140000016 http://iopscience.iop.org/article/10.1088/1757-899X/133/1/012016	3
			18. A. Pascu, **E.M. Stanciu**, I.C.Roata, C.Croitoru, L.S.Baltes, M.H.Tierean, *Parameters and Behaviour of NiCrFeSiB Laser Cladding in Overlapped Geometry*, Bulletin of the Transilvania University of Braşov, Vol. 9 (58) No. 2 – 2016, Series I: Engineering Sciences. Indexat în baza de date: **EBSCOHOST** http://webbut.unitbv.ro/bulletin/Series%20I/BULETIN%20I/Pascu_A.pdf	2.5
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			22. I. C.Roată, **E.M.Stanciu**, A.Pascu, Microstructure evaluation of stainless steel welds, Revista RECENT Vol 16 (2015), Nr. 2 (45), ISSN 1582-0246 Indexat în baza de date: Indexat în baza de date: **INDEXCOPERNICUS** http://www.recentonline.ro/no_045.htm	5
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			30. D.Petre, R.Iovanas, I.M.Petre, I.C.Roata, A.Pascu, **E. M.Stanciu -** *Experimental Researches Regarding The Fusion Of The Depozit Layer By Metallization With Flame And Powder Using Wig Method*, Annals of DAAAM for 2010 & Proceedings	2.5

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			32. **E.M.Stanciu**, A.C. Păvălache, G.M.Dumitru, O.G.Dontu, D.Besnea, I.M.Vasile, *Mechanism of keyhole formation in laser welding*, The Romanian Review Precision Mechanics, Optics & Mechatronics, 2010 (20), No. 38, p171-176, ISSN-1584-5982. Indexat în baza de date: **Scopus** http://www.incdmtm.ro/editura/revista/	2.5
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			34. **E.M.Stanciu**, G.M. Dumitru, A.C. Păvălache, G. Iacobescu, *Laser Welding Parameters Influence on the Geometrical Aspect of the Melted Zone in Stainless Steel,* U.P.B. Sci. Bull., Series D, Vol. 74, Iss. 3, 2012, ISSN 1454-2358. Indexat în baza de date: **Scopus** http://www.scientificbulletin.upb.ro/SeriaD_-_Inginerie_Mecanica.php?page=indexare		3.75
			35. A.C.Păvălache , G. M. Dumitru , **E. M. Stanciu**, G. Iacobescu, *Tinmicrohardness characteristics of metal matrix composite layers obtained by laser cladding*, U.P.B. Sci. Bull., Series D, Vol. 74, Iss. 2, 2012, ISSN 1454-2358. Indexat în baza de date: **Scopus** http://www.scientificbulletin.upb.ro/SeriaD_-_Inginerie_Mecanica.php?page=indexare		3.75
		2.3. Articole în extenso în Reviste/volumele unor manifestari stiintifice naționale/internaționale neindexate		6/ nr autori (Reviste)	0
				4/nr autori (volume conferinte)	0
			1. I. M. Vasile, A. C. Pavalache, **E.M. Stanciu,** I. Voiculescu, *Study regarding the indentation measurement accuracy effect on the microhardness values,* 2nd International proficiency testing conference, 2009, p 322-330, ISSN 2066-737X. http://prev.pt-conf.org/08-09/documente/Proceeding_final_2.pdf		1
			2. A.C. Pavalache, G.M. Dumitru, **E.M. Stanciu**, D. Iordachescu, *Effect of Process Parameters in Hardfacing of Metals by TIG Cladding*,18as Jornadas técnicas de soldadura, ISBN: 978-84-934316-9-3, CESOL 2010. http://www.upm.es/observatorio/vi/index.jsp?pageac=actividad.jsp&id_actividad=78380		1

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			Internaționale		40/nr.de autori	0
			Naționale		20/nr.de autori	0
		2.4. Proprietate intelectuală, brevete de invenție și inovație, etc.		Brevet de invenție, Nr. 133180/ 30.08.2022, aliaje tip FeCrAl(Y) și procedeu de obținere a unui produs din acest aliaj, V. Geanta, I. Voiculescu, R. Ștefănoiu, V. Fugaru, **E.M. Stanciu**, A. Pascu, C. Postolache, M.R. Ioan. https://drive.unitbv.ro/s/ERBA62aekWJMbPr		2,5
				Brevet de invenție, Nr. 132082/ 28.06.2019, Printer pentru depunerea de straturi ultra-subtiri cu proprietati fizico-chimice diferite, I.Mihaiela, M. Lazar, I. Pintilie, L. Vladareanu,T. Necsoiu, V. Stancu, A.G. Tomulescu , C. Besleaga Stan, M. Sima, L.N. Leonat, **E. M. Stanciu**, B. Comansescu, A.V. Enuica. https://drive.unitbv.ro/s/YWg3ssQfBpeYaEP		1,5
		2.5. Granturi /proiecte câștigate prin competiție sau contracte cu mediul socio-economic (in valoare de minimum 25000 lei)	**2.5.1. Director/ Responsabil**	**2.5.1.1. Internaționale**	20* val/ (10 mii € *nr ani)	0
				1. European Solar Research Infrastructure for Concentrated Solar Power - SFERA III, FRANȚA **2019** *Titlu proiect:* **Solar synthesis of functional carbonaceous under constant electric charge** **Valoare: 2767.12 € , anul 2019** https://sfera3.sollab.eu/wp-content/uploads/2019/11/SFERA-III_List-of-SURP-Granted_190617-1-V2-1.pdf https://drive.unitbv.ro/s/qgdfgryAxncLYBg		5,53
				2. European Solar Research Infrastructure for Concentrated Solar Power - SFERA II ***Titlu proiect:*** **Corrosion and wear behavior of NiCrBSi coatings fabricated by laser cladding, 2016, *Italia*** **Valoare: 13062.32 € , anul 2016**		26.12

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				https://sfera2.sollab.eu/access/access_selected.html https://drive.unitbv.ro/s/xfXyRcy6adQF99W		
				2.5.1.2. Naționale	10* val/ (10 mii € *nr ani)	0
				RESPONSABIL P1, Contract PCCA 243/2014 - Materiale metalice avansate pentru noile generații de centrale nuclear, 4R, **NUCLEARMAT** Coordonator proiect : Universitatea Politehnica Bucuresti P1: SC Optoelectronica 2001 SA – 435.000 lei P2: Institutului na ional de C&D pentru fizică şi inginerie Nucleară Horia Hulubei (IFIN HH) P3: S.C. Upspilot Arm S.R.L. Bucureşti P4: METAV-CD București http://nuclearmat2014.webnode.ro/ https://drive.unitbv.ro/s/ETxgBnNeWTRLKoZ		100
			2.5.2. Membru in echipă	**2.5.2.1. Internaționale**	4*nr. ani participare in proiect	
				1. Proiect FP7 - **Reclamation of Gallium, Indium and Rare-Earth Elements from Photovoltaics**, Solid-State Lighting and Electronics Waste- RECLAIM, Grant agreement no: 309620 https://cordis.europa.eu/project/id/309620/reporting https://cvl.tuwien.ac.at/project/reclaim/ https://drive.unitbv.ro/s/iZxdoXSkseLp67A		16
				2. 8 SEE , EEA-JRP-RO-NO-2013-1, **Perovskites for Photovoltaic Efficient Conversion Technology**, http://www.infim.ro/projects/perovskites-photovoltaic-efficient-conversion-technology-0 https://drive.unitbv.ro/s/RLmMeoBTMLpEfbx		12

				3. European Solar Research Infrastructure for Concentrated Solar Power - SFERA II **Mechanical proprieties improvement of Cu10Al laser cladded on aluminium, 2014, *Spania*** https://drive.unitbv.ro/s/Xw7C2BRJLpi9y2b	4
				4. European Solar Research Infrastructure for Concentrated Solar Power - SFERA II **Residual stress relieve of Ni based coatings fabricated by laser cladding, 2015, *Franta*** https://drive.unitbv.ro/s/r9f5DdntMiY9ABH	4
				5. European Solar Research Infrastructure for Concentrated Solar Power - SFERA II **Synthesis of carbon nanotubes using solar radiation and Al2O3-Mn/Cu2O catalyst, 2016, Franta** https://drive.unitbv.ro/s/LstZ8o7KmFa3ReS	4
				6. H2020 - **Compact biophotonic platform for drug allergy diagnosis – COBIOPHAD**, Grant agreement no: 688448 https://drive.unitbv.ro/s/wGSw6St5ZKWRo6X	12
				7. European Solar Research Infrastructure for Concentrated Solar Power - SFERA II, **Al2O3/TiO2 cladding in pre-placed powder geometry using concentrated solar radiation, 2017, Franta** https://drive.unitbv.ro/s/PmtjAkef78LGjLp	4
				8. European Solar Research Infrastructure for Concentrated Solar Power - SFERA II, **Corrosion improvement of FeCrAl alloys designed for Molten Salt Reactors, 2017, Italia** https://drive.unitbv.ro/s/PxLtsZMFN9fWLRT	4

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				9. Studies concerning the real time monitoring of laser welding/cutting process, Contract cu terți finantator: Delft Enterprises B.V nr ctr: 8407/21.07.2015 perioada:2015-2018 https://drive.unitbv.ro/s/gJGFftL34SNZqQC		12
				2.5.2.2. Naționale	2*nr.ani participare in proiect	
				1. Contract CEEX Nr. 634 /2006 – **Laborator pentru încercări metalografice** – LAMET https://drive.unitbv.ro/s/zexHCennLNtzAyf		4
				2. Contract PNCDI Nr. 71118 /2007 **- Nanomateriale de adaos microaliate pentru îmbinarea materialelor ceramice** - NANOCERAD https://drive.unitbv.ro/s/zexHCennLNtzAyf		6
				3. Contract PNCDI Nr. 71132 /2007 - **Sudarea cu laser a capsulelor pentru surse radioactive**- LASERCAP https://drive.unitbv.ro/s/zexHCennLNtzAyf		6
				4. Contract PNCDI Nr. 21016 /2007 - **Soluții inovative privind depoluarea termică, separarea și captarea CO2 din gazele arse rezultate din procesele termice industriale** – DEPOLTERCHIM https://drive.unitbv.ro/s/zexHCennLNtzAyf		4
				5. Contract PNCDI Nr. 71014 /2007 - **Realizarea în sistem modular a snecurilor utilajelor de extruziune din industriile prelucratoare** – SENMELC https://drive.unitbv.ro/s/zexHCennLNtzAyf		4

				6. Contract PNCDI Nr. 71039 /2007 - **Tehnologii inovative pentru realizarea de elemente modulate destinate fabricării sculelor pentru deformări plastice**- ELMOD https://drive.unitbv.ro/s/zexHCennLNtzAyf	4
				7. Contract PNCDI Nr. 71039 /2007 - **Tehnologii inovative de obtinere din materiale compozite cu proprietati dirijate a lagărelor de alunecare pentru industria auto** – TOMCD https://drive.unitbv.ro/s/zexHCennLNtzAyf	4
				8. Contract PNCDI Nr. 71061 /2007 - **Tehnologii și materiale inovative pentru fabricarea pieselor de uzura destinate producției de automobile** – TEMIPUPA https://drive.unitbv.ro/s/zexHCennLNtzAyf	4
				9. Contract PNCDI Nr. 71066 /2007 - **Electrozi multistrat pentru sudarea prin rezistență electrică în puncte și linie** – ELSUD https://drive.unitbv.ro/s/zexHCennLNtzAyf	4
				10. Contract PNCDI-Inovare Nr. 1321 /2007 - **Instalație ecologică pentru prelucrarea deșeurilor menajere** – ECOMAG https://drive.unitbv.ro/s/zexHCennLNtzAyf	6
				11. Contract PNCD 2/PARTENERIATE, nr. 72-216/2008 - **Tehnologie de depunere prin sudare hibridă Laser-MIG cu pulberi** – LASERDEP https://drive.unitbv.ro/s/zexHCennLNtzAyf	6
				12. Contract finan are O 2.3.1 - nr. POS 451/19.03.2013 CCE; ID 1440, cod SMIS 41926	4

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				Titlu proiect: "**Producerea unui nou tip de laser cu fibră optică în cadrul firmei" SC FIBER LASER OPTICS SRL** https://drive.unitbv.ro/s/XaLfGeg5XXfPDGw		
				13. Contract POS-CCE, Axa prioritara 2, Opera iunea 2.1.2, Cofinan at European Titlu Proiect: **Cercetări privind dezvoltarea familiei de echipamente cu laser pompați cu diode pentru aplicații medicale în special urologie** - ELASMEDURO, Nr.159/2011 https://drive.unitbv.ro/s/XaLfGeg5XXfPDGw		4
				14. Contract: 15 DPST/201, UEFISCDI - Program Inovare - Subprogram Dezvoltare Produse-Sisteme-Tehnologii, **Sistem complex cu funcți avansate și extinse destinat examinării documentelor și cercetărilor științifice din domeniul criminalisticii**, PN-II-IN-DPST-2012-1-0026 https://drive.unitbv.ro/s/XaLfGeg5XXfPDGw		4
				15. Contract nr.: 34/01.07.2014, **Aplicarea de tehnici laser pentru fabricarea de biosenzori pe baza de sisteme micofluidice de detecție în timp real SOLE**, PN-II-PT-PCCA-2013-4-1992, https://drive.unitbv.ro/s/XaLfGeg5XXfPDGw http://ppam.inflpr.ro/SOLE.htm		4
		2.6. Coordonare/ dezvoltare laborator/ centru cercetare (dacă este și didactic, punctajul se cuantifică o singura data)	**Responsabil**		40	0

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					TOTAL A_2	640,34
	A_3 Recunoaș-terea și impactul activitatii	3.1. Vizibilitate in baze de date internationale		**3.1.1. citari in articole indexate ISI**	10/nr.autori articol citat	0
				1. Titlu citat: Chemical and Mechanical Characterization of AISI 304 and AISI 1010 Laser Welding issn citat: 10246914 titlu: Journal of Materials Engineering and Performance issn citeaza: 10599495 isbn citeaza: 10599495 An Aparitie:2016 Nr Autori:6 http://link.springer.com/article/10.1007/s11665-016-2288-9		1.666
				2. Titlu citat: Chemical and Mechanical Characterization of AISI 304 and AISI 1010 Laser Welding issn citat:10246914 titlu: Materials and Manufacturing Processes issn citeaza:102469 isbn citeaza:102469 An Aparitie: 2017 Nr Autori:6 http://www.tandfonline.com/doi/abs/10.1080/10426914.2017.1279321		1.666
				3. Titlu citat: Chemical and Mechanical Characterization of AISI 304 and AISI 1010 Laser Welding issn citat:10246914 titlu: Materials and Manufacturing Processes issn citeaza: 10426914 isbn citeaza: 10426914 An Aparitie:2017 Nr Autori:6 http://www.tandfonline.com/doi/abs/10.1080/10426914.2017.1292034		1.666

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				4. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Oxidation of Metals issn citeaza: 0030770X isbn citeaza: 0030770X An Aparitie:2018 Nr Autori:7 https://link.springer.com/content/pdf/10.1007%2Fs11085-017-9813-6.pdf	1.428
				5. Titlu citat: Influence of the Electric Field Voltage on the Microhardness of the Layers Coated by Thermal Spraying issn citat: 34792410 titlu: Applied surface science issn citeaza: 01694332 isbn citeaza: 01694332 An Aparitie: 2018 Nr Autori:3 https://www.sciencedirect.com/science/article/pii/S0169433217330362	3.33
				6. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 10426914 isbn citeaza: 10426914 An Aparitie:2017 Nr Autori:7 https://www.tandfonline.com/doi/ref/10.1080/10426914.2017.1317794?scroll=top	1.428
				7. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 0267-0844, An Aparitie:2023 Nr Autori:7 https://www.tandfonline.com/doi/abs/10.1080/02670844.2023.2249653	1.428
				8. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials	1.428

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				and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 https://www.mdpi.com/1996-1944/16/7/2595	
				9. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://www.sciencedirect.com/science/article/pii/S2772369022000032	1.428
				10. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://link.springer.com/article/10.1007/s11666-021-01288-7	1.428
				11. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://link.springer.com/article/10.1007/s00170-021-08379-3	1.428
				12. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://www.tandfonline.com/doi/abs/10.1080/10426914.2021.2006219	1.428

				13. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://www.tandfonline.com/doi/abs/10.1080/17515831.2021.1951542	1.428
				14. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://www.sciencedirect.com/science/article/abs/pii/S2352492821005973	1.428
				15. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://www.sciencedirect.com/science/article/abs/pii/S0921510720303068	1.428
				16. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://www.sciencedirect.com/science/article/abs/pii/S0030399219323515	1.428
				17. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7	1.428

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				https://www.scielo.br/j/si/a/k3xqKp67GPJhGS7tnwPmYqQ/?lang=en	
				18. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://www.tandfonline.com/doi/abs/10.1080/02670844.2019.1706232	1.428
				19. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://www.tandfonline.com/doi/abs/10.1080/10426914.2019.1686521	1.428
				20. Titlu citat: Dual coating laser cladding of NiCrBSi and inconel 718 issn citat: 10426914 titlu: Materials and Manufacturing Processes issn citeaza: 1996-1944, An Aparitie:2023 Nr Autori:7 7 https://www.tandfonline.com/doi/abs/10.1080/02670844.2019.1639932	1.428
				21. Titlu citat: Chemical and Mechanical Characterization of AISI 304 and AISI 1010 Laser Welding issn citat: 10246914 titlu: Journal of Materials Engineering and Performance issn citeaza: 1042-6914, An Aparitie:2019 Nr Autori:6 https://www.tandfonline.com/doi/abs/10.1080/10426914.2019.1566608	1.666

				22. Titlu citat: Chemical and Mechanical Characterization of AISI 304 and AISI 1010 Laser Welding issn citat: 10246914 titlu: Journal of Materials Engineering and Performance issn citeaza: 0268-3768, An Aparitie:2021 Nr Autori: 6 https://link.springer.com/article/10.1007/s00170-021-07767-z	1.666
				23. Titlu citat: Chemical and Mechanical Characterization of AISI 304 and AISI 1010 Laser Welding issn citat: 10246914 titlu: Journal of Materials Engineering and Performance issn citeaza: 2708-9967, An Aparitie:2023 Nr Autori: 6 http://jase.tku.edu.tw/articles/jase-202404-27-4-0005	1.666
				24.Titlu citat: Chemical and Mechanical Characterization of AISI 304 and AISI 1010 Laser Welding issn citat: 10246914 titlu: Journal of Materials Engineering and Performance issn citeaza: 1955-2513, An Aparitie:2023 Nr Autori: 6 https://link.springer.com/article/10.1007/s12008-023-01198-8	1.666
				25. Titlu citat: Laser cladding: from experimental research to industrial applications, issn citat: 2214-7853, titlu: Materials today-proceedings, issn citeaza: 1996-1944, An Aparitie: 2023, Nr Autori: 3 https://www.mdpi.com/1996-1944/16/7/2706	3.333
				26. Titlu citat: Laser cladding: from experimental research to industrial applications, issn citat: 2214-	3.333

				7853, titlu: Materials today-proceedings, issn citeaza: 1526-6125, An Aparitie: 2022, Nr Autori: 3 https://www.sciencedirect.com/science/article/abs/pii/S1526612522007022	
				27. Titlu citat: Laser cladding: from experimental research to industrial applications, issn citat: 2214-7853, titlu: Materials today-proceedings, issn citeaza: 0030-3992, An Aparitie: 2022, Nr Autori: 3 https://www.sciencedirect.com/science/article/abs/pii/S0030399222006053	3.333
				28. Titlu citat: Laser cladding: from experimental research to industrial applications, issn citat: 2214-7853, titlu: Materials today-proceedings, issn citeaza: 2213-1388, An Aparitie: 2022, Nr Autori: 3 https://www.sciencedirect.com/science/article/abs/pii/S2213138822002533	3.333
				29. Titlu citat: Laser cladding: from experimental research to industrial applications, issn citat: 2214-7853, titlu: Materials today-proceedings, issn citeaza: 1059-9630, An Aparitie: 2021, Nr Autori: 3 https://link.springer.com/article/10.1007/s11666-021-01184-0	3.333
				30. Titlu citat: Laser cladding: from experimental research to industrial applications, issn citat: 2214-7853, titlu: Materials today-proceedings, isbn citeaza: 978-1-6654-1073-1, An Aparitie: 2021, Nr Autori: 3 https://ieeexplore.ieee.org/document/9646209	3.333

				31. Titlu citat: Laser cladding: from experimental research to industrial applications, issn citat: 2214-7853, titlu: Materials today-proceedings, issn citeaza: 0257-8972, An Aparitie: 2020, Nr Autori: 3 https://www.sciencedirect.com/science/article/abs/pii/S0257897220311385	3.333
				32. Titlu citat: Laser cladding: from experimental research to industrial applications, issn citat: 2214-7853, titlu: Materials today-proceedings, issn citeaza: 1996-1944, An Aparitie: 2020, Nr Autori: 3 https://www.mdpi.com/1996-1944/13/24/5670	3.333
				33. Titlu citat: Laser cladding: from experimental research to industrial applications, issn citat: 2214-7853, titlu: Materials today-proceedings, issn citeaza: 2079-6412, An Aparitie: 2020, Nr Autori: 3 https://www.mdpi.com/2079-6412/10/2/176	3.333
				3.1.2. citari in articole indexate BDI — 5/nr.autori articol citat	0
				1. Titlu citat: Edge fillet laser welding of AISI 304 stainless steel issn citat:16629779 titlu: Metallography, Microstructure, and Analysis issn citeaza: 21929262 An Aparitie: 2016 Nr Autori: 3 http://link.springer.com/article/10.1007/s13632-016-0277-x	1.666
				2. Titlu citat: Pulsed Laser Cladding of Ni Based Powder, issn citat: 1757-8981, titlu: International	1

				conference on innovative research - icir euroinvent 2017, issn citeaza: 16237360, An Aparitie: 2023 Nr Autori: 5 https://www.mdpi.com/1996-1944/16/23/7360		
				3.1.3. citari in alte publicatii	3/nr.autori articol citat	0
		3.2. Prezentări efectuate ca invitat/ invitata in plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv ERASMUS)		**3.2.1. Internaționale**	20	0
				3.2.2. Naționale	10	0
		3.3. Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice / Recenzor pentru reviste și manifestări științifice nationale si internationale indexate ISI		**3.3.1. ISI**	10	0
				1. Recenzent jurnal: Optics and Lasers in Engineering 2016 https://drive.unitbv.ro/s/WPrJxXZHRqjgQGW https://ees.elsevier.com/olen/default.asp?acw=&utt=5f77-56f290fe9516d10968fa2f12ca4307a94d		10
				2. Membru în colectivul de organizare al **ESTAC12 12th European Symposium on Thermal Analysis and Calorimetry** – 2018 https://drive.unitbv.ro/s/wsy9TQp3StSgNpN http://estac12.org/		10
				3. Membru în colectivul de organizare al **The 11th International Conference on Materials Science and Engineering – BraMat 2019** https://drive.unitbv.ro/s/JJ8coArMsjRSq8k http://www.bramat.ro/committees.html		10

				4. Membru în colectivul de organizare al **12th International Conference On Materials Science & Engineering BraMat 2022,** https://drive.unitbv.ro/s/XyEnzFCXDg39i2S https://www.editorialmanager.com/matpr/default.aspx		10
				5. Recenzent jurnal **Materials Today: Proceedings** (ISSN: 2214-7853)		10
				3.3.2. Indexate BDI	8	0
				1. 9th International Conference on Materials Science and Engineering – **BraMat2015** Recenzent jurnal Advanced Materials Research https://drive.unitbv.ro/s/PQ4eSoCJgEy9533 http://www.scientific.net/		8
				2. 10th International Conference on Materials Science & Engineering, **BraMat 2017** Recenzent jurnal Materials Science Forum https://drive.unitbv.ro/s/S6AAbRXNZpyZDr3 http://www.scientific.net/		8
				3.3.3. Naționale și internaționale neindexate	5	0
		3.4. Experiența de management, analiză și evaluare în cercetare și/sau învățământ		**3.4.1. Conducere**	5*ani desfasurare	0
				3.4.2. Membru	2*ani desfasurare	0
		3.5. Premii		**3.5.1. Academia Română**	30	0
				3.5.2. ASAS, AOSR, academii de ramura şi CNCS	15	0
				3.5.3. Premii internaționale	10	0

				VOICULESCU I., VASILE I. M., **STANCIU E. M.,** PASCU A., *Stiinta si Ingineria Materialelor*, ISBN 978-973-131-316-0, **2015** **Medalie de aur** la Expozitia Europeana a Creativitatii si Inovarii, EUROINVENT 2015 https://drive.unitbv.ro/s/XBAFAxDytFwij4m		10
				I.Mihaiela, M. Lazar, I. Pintilie, L. Vladareanu,T. Necsoiu, V. Stancu, A.G. Tomulescu , C. Besleaga Stan, M. Sima, L.N. Leonat**, E. M. Stanciu**, B. Comansescu, A.V. Enuica, Printer for successive deposition of ultra-thin films with different physical-chemical properties. **Medalie argint :** la Expozitia Europeana a Creativitatii si Inovarii, EUROINVENT 2017 https://drive.unitbv.ro/s/it6ro9owDYEDck2		10
				GEANTĂ V., VOICULESCU I., ȘTEFĂNOIU R., RADU V., **STANCIU E. M.,** PASCU A., POSTOLACHE C., IOAN M.R., *Alloy type FeCrAl(Y) and procedure and methode of obtaining a product from this alloy*, Brevet de inventie, Nr. 133180/ 30.08.2022 **Medalie de argint** la Expozitia Europeana a Creativitatii si Inovarii, EUROINVENT 2023 https://drive.unitbv.ro/s/wEyEMS2WnrQzPcC		10
				3.5.4. Premii Naționale in domeniu	5	0
		3.6. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenen ă la organizații din domeniul educatiei și cercetării	**3.6.1. Academia Română**		100	0
			3.6.2. ASAS, AOSR, academii de ramura		20	0
			3.6.3. Conducere asociații profesionale	**3.6.3. 1. Internaționale**	30	0
				3.6.3.2. Naționale	10	0
			3.6.4. Asociatii profesionale	**3.6.4.1. Internaționale**	5	0
				3.6.4.2. Naționale	3	

				Membru Asociația de Sudură din România (ASR) https://drive.unitbv.ro/s/SqgBQdogLBAsApQ		3
				Membru Asociatia Generala a Inginerilor din Romania (AGIR) https://drive.unitbv.ro/s/GNX3pnBNfoQ9FHK		3
				Membru Societatea Română de Biomateriale (SRB) https://drive.unitbv.ro/s/FMWEFXEsPj2oZSx		3
			3.6.5. Organizații în domeniul educa iei şi cercetării	3.6.5.1. Conducere	10	0
				3.6.5.2. Membru	5	0
					TOTAL A_3	175,50
					TOTAL A1+A2+A3	956.19

Gradul de îndeplinire a standardului privind acordarea titlului de conferențiar

Nr.Crt.	Domeniul de activitate	Punctaj minim conferențiar	Punctaj minim profesor	Punctajul obtinut
1.	A1 - Activitatea didactică / profesională	80	130	140.35
2.	A2 – Activitatea de cercetare	150	300	640.34
3.	A3 – Recunoașterea impactului activității	50	100	175.50
	TOTAL	280	530	956.19

Data: 04.12.2023

Conf. Dr. Ing. STANCIU Elena-Manuela

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