

FIȘA DE CALCUL

A ÎNDEPLINIRII STANDARDELOR MINIMALE, COMISIA INGINERIA MATERIALELOR

(conform Ordin 6129/2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare-dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare)

Daniel CRISTEA - Universitatea Transilvania din Brașov

a. Centralizator al îndeplinirii standardelor

Nr. crt	Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategorii	Criterii minime	Realizat	Punctaj realizat
1	Activitatea didactică și profesională	1.1 Cărți și capitole în cărți de specialitate în edituri recunoscute	1.1.1 Cărți/capitole ca autor	1.1.1.1 Internaționale	-	1	6.25
				1.1.1.2 Naționale; din care: Profesor minim 2, din care 1 prim autor	Conferentiar, minim 1	3, 1 prim autor	43.51
			1.1.2 Cărți/capitole ca editor	1.1.2.1 Internaționale	-	-	-
				1.1.2.2 Naționale	-	-	-
		1.2 Suport didactic	1.2.1 Manuale didactice, monografii, inclusiv electronice: Pentru profesor minim 2, din care 1 ca prim autor		Conferentiar, minim 1	2, unic autor	45.8
			1.2.2 Îndrumătoare de laborator/aplicații		-	-	-
		Punctaj (A1)			30		95.56
2	Activitatea de cercetare	2.1 Articole în reviste cotate ISI Thomson Reuters-Web of science Core Collection și în volume indexate ISI Proceedings	2.1.1 Minimum 15 articole pentru Profesor, din care minim 10 în reviste cotate ISI Th.R. (din care min. 5 cu factor de impact de min. 1, și minim 5 ca autor principal cu F.I. min. 0.5		10 articole pentru Conferentiar, din care minim 5 în reviste cotate ISI, minim 2 ca autor principal cu F.I. min 0.5	49 ISI (10 autor principal, F.I. >1) 5 ISI Proc.	953.76

		2.2 Articole în reviste și volumele unor manifestări științifice indexate BDI			-	14 BDI	13.37		
		2.3 Brevete de invenție			-	-	-		
		2.4 Granturi/proiecte câștigate prin competiție	2.4.1 Director/Responsabil partener (Minim 2 pentru Profesor)	2.4.1.1 Internaționale	Conferentiar, minim 1	3	60		
				2.4.1.2 Naționale		2	15		
			2.4.2 Membru in echipa	2.4.2.1 Internaționale	-	3	20		
2.4.2.2 Naționale	-	6		22					
Punctaj (A2)					160		1084.13		
3	Recunoașterea și impactul activității	3.1 Citări în reviste cotate ISI – Web of Science Core Collection și în alte BDI	Minim 30 de citari pentru Profesor, în ISI Thomson – Web of Science și SCOPUS	3.1.1 ISI	Conferentiar, minim 15 de citari	306	838.39		
				3.1.2 BDI		3	0.82		
		3.2 Prezentări invitate în plenul unor manifestări științifice naționale și internaționale			-	-	-		
					-	-	-		
					-	-	-		
		3.3 Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice/ Recenzor pentru reviste și manifestări științifice		3.3.1 ISI	-	Recenzor 26 jurnale Guest Editor 1 jurnal	145		
				3.3.2 BDI	-	Recenzor 3 jurnale	9		
				3.3.3 Naționale și internaționale neindexate	-	-	-		
		3.4 Expert evaluare proiecte de cercetare		3.4.1 Internaționale	-	-	-		
				3.4.2 Naționale	-	-	-		
		Punctaj (A3)					60		993.21

Criterii opționale		3.5 Premii		3.5.1 Academia Română	-	-	-	
				3.5.2 ASAS, AOSR, academii de ramură și CNC SIS	-	-	-	
				3.5.3 Premii internaționale	-	-	-	
				3.5.4 Premii naționale	-	-	-	
		3.6 Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenența la organizații din domeniul educației și cercetării	3.6.1 Academia Română		-	-	-	
			3.6.2 ASAS, AOSR, academii de ramură		-			
			3.6.3 Conducere asociații profesionale		-	-	-	
					-	-	-	
			3.6.4 Asociații profesionale	3.6.4.1 Internaționale	-	-	-	
				3.6.4.2 Naționale	-	Membru ATTR	2	
			3.6.5 Organizații în domeniul educației și cercetării	3.6.5.1 Conducere	-	Prodecan	10	
				3.6.5.2 Membru	-	Membru Consiliul Facultatii	2	
	Punctaj criterii opționale					-		14
	PUNCTAJ TOTAL					Minimim 250		Realizat 2186.9

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b. Fișa de calcul

Tip Criteriu	Criteriu / Descriere	Formula	Punctaj
1.1.1.1	Cărți/capitole ca autor internaționale		
	I Ghiuță, D Cristea <i>Silver nanoparticles for delivery purposes</i> - Nanoengineered Biomaterials for Advanced Drug Delivery 1st Edition editura: Elsevier isbn: 9780081029855 An: 2020 Autori: 2 Nr Pagini: 25 link	25/(2×2)	6.25
		TOTAL	6.25
1.1.1.2	Cărți/capitole ca autor naționale	Formula	Punctaj
	Daniel Cristea, Luis Cunha, Aurel Crișan, Daniel Munteanu <i>Straturi subțiri de tip oxinitură</i> editura: Editura Universității Transilvania isbn: 978-606-19-0450-1 An Apariție: 2014 Nr Autori: 4 Nr Pagini: 201 Autor Principal	201/(5×4)	10.05
	Ioana Ghiuță, Daniel Cristea, Daniel Munteanu <i>Biosinteza nanoparticulelor metalice</i> editura: Editura Universității Transilvania isbn: 978-606-19-1011-3 An Apariție: 2018 Nr Autori: 3 Nr Pagini: 183	183/(5×3)	12.2
	Camelia Gabor, Daniel Cristea, Mariana Axente <i>Compactarea izostatică a straturilor subțiri obținute prin pulverizare termică</i> editura: PRINTECH isbn: 978-606-23-0988-6 An Apariție: 2019 Nr Autori: 3 Nr Pagini: 319	319/(5×3)	21.26
		TOTAL	43.51
1.2.1	Manuale didactice/monografii, inclusiv electronice	Formula	Punctaj
	Daniel Cristea <i>Materiale avansate pentru energii regenerabile</i> editura: Printech isbn: 978-606-23-1156-8 An Apariție: 2020 Nr Autori: 1 Nr Pagini: 204 Autor Principal	204/(10×1)	20.4
	Daniel Cristea <i>Nanomateriale</i> editura: Printech isbn: 978-606-23-1144-5 An Apariție: 2020 Nr Autori: 1 Nr Pagini: 254 Autor Principal	254/(10×1)	25.4
		TOTAL	45.8

2.1.1	Nr	Articole in reviste cotate ISI	Formula	Punctaj
	1	D Cristea, D Constantin, A Crisan, CS Abreu, JR Gomes, NP Barradas, E Alves, C Moura, F Vaz, L Cunha. <i>Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters</i> revista: Vacuum Vol 98, Dec 2013, Pag 63-69 issn: 0042207X An Apariție: 2013 Autori: 10 Autor Principal WOS:000322805900013 link	(50×2.067)/10	12.57

2	<p>D Cristea, A Crisan, NP Barradas, E Alves, C Moura, F Vaz, L Cunha. <i>Development of tantalum oxynitride thin films produced by PVD: Study of structural stability</i> revista: Applied Surface Science Vol 285, Nov 2013, Pag 19-26, issn:01694332 An Aparitie: 2013 Autori:7 Autor Principal WOS:000325960900004 link</p>	(50×4.439)/7	36.82
3	<p>Konstantinos Kapnisis, Georgios Constantinides, Harry Georgiou, Daniel Cristea, Camelia Gabor, Daniel Munteanu, Brigitta Brott, Peter Anderson, Jack Lemons, Andreas Anayiotos. <i>Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents</i> revista: Journal of the mechanical behavior of biomedical materials Vol 40, Dec 2014, Pag 240-251, issn:17516161 An Aparitie: 2014 Autori:10 WOS:000345468700024 link</p>	(50×3.417)/10	17.42
4	<p>Daniel Cristea, Aurel Crisan, Nuno Barradas, Eduardo Alves, Pedro Costa, Senentxu Lanceros-Méndez, Luis Cunha. <i>Electrical And Photocatalytic Behaviour Of TaON Magnetron Sputtered Thin Solid Films</i> revista: Metallurgia International vol.XVIII special issue no. 6 (2013) Pag 61-64. issn:15822214 An Aparitie: 2013 Autori: 7 Autor Principal WOS:000315835600013 link</p>	(50×0.134)/7	0.95
5	<p>D Cristea, A Crisan, D Munteanu, M Apreutesei, MF Costa, L Cunha. <i>Tantalum oxynitride thin films: Mechanical properties and wear behavior dependence on growth conditions</i> revista: Surface and Coatings Technology Vol 258, Nov 2014, Pag 587-596, issn: 02578972 An Aparitie: 2014 Autori: 6 Autor Principal WOS:000346895000071 link</p>	(50×2.906)/6	26.6
6	<p>G Popescu-Pelin, D Craciun, G Socol, D Cristea, L Floroian, M Badea, M Socol, V Craciun <i>Investigations of pulsed laser deposited TiN thin films for titanium implants</i> revista: Romanian Reports in Physics Vol. 67, No. 4, Pag 1491–1502, issn: 12211451 An Aparitie: 2015 Autori: 8 WOS:000367274400029 link</p>	(50×1.582)/8	12.12
7	<p>V Jinga, AO Mateescu, G Mateescu, LS Craciun, C Ionescu, C Samoila, D Ursutiu, D Munteanu, D Cristea. <i>Mechanical and tribological behaviour of the multilayer dry lubricant coatings with ternary composition from compound materials (Ti_xNy; TiB₂/Ti_xByN_z; WC/W_xCyN_z)</i> revista: Journal Of Optoelectronics And Advanced Materials Vol. 17, No. 5-6, May – June 2015, Pag 773-779, issn:14544164 An Aparitie: 2015 Autori: 9 WOS:000357766600040 link</p>	(50×0.39)/9	3.26
8	<p>D Craciun, G Socol, D Cristea, M Stoicanescu, Nikolett Oláh, K Balazs, N Stefan, E Lambers, V Craciun. <i>Mechanical properties of pulsed laser deposited nanocrystalline SiC films</i> revista: Applied Surface Science Vol 336, May 2015, Pag 391-395 issn: 01694332 An Aparitie: 2015 Autori: 9 WOS:000351617600066 link</p>	(50×4.439)/9	28.63

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9	AO Mateescu, G Mateescu, V Jinga, D Cristea, C Samoilă, D Ursutiu, D Munteanu. <i>Physical and technological interpretation of mechanical properties for single and multi-layer films with properties of dry lubricants</i> revista: Journal Of Optoelectronics And Advanced Materials Vol. 17, No. 7-8, July – August 2015, Pag 1152 – 1160, issn:14544164 An Aparitie: 2015 Autori: 7 WOS:000359967600039 link	(50×0.39)/7	4.2
10	Ioan Dragos Utu, Gabriela Marginean, Iosif Hulka, Viorel-Aurel Serban, Dan Cristea <i>Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate</i> revista: International Journal of Refractory Metals and Hard Materials Vol 51, July 2015, Pag 118-123 issn: 02634368 An Aparitie: 2015 Autori: 5 WOS:000356744300016 link	(50×2.606)/5	27.94
11	D Cristea, A Crisan, N Cretu, J Borges, C Lopes, L Cunha, V Ion, M Dinescu, NP Barradas, E Alves, M Apreutesei, D Munteanu. <i>Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering</i> revista: Applied Surface Science Vol 354, Part B, Nov 2015, Pag 298-305, issn: 01694332 An Aparitie: 2015 Autori: 12 Autor Principal WOS:000363673500009 link	(50×4.439)/12	21.47
12	M Pătru, L Isac, L Cunha, P Martins, S Lanceros-Mendez, G Oncioiu, D Cristea, D Munteanu <i>Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes</i> revista: Applied Surface Science Vol 354, Part B, Nov 2015, Pag 267-278 issn: 01694332 An Aparitie: 2015 Autori: 8 WOS:000363673500006 link	(50×4.439)/8	32.21
13	V Jinga, AO Mateescu, D Cristea, G Mateescu, I Burducea, C Ionescu, LS Crăciun, I Ghiuță, C Samoilă, D Ursutiu, D Munteanu <i>Compositional, morphological and mechanical investigations of monolayer type coatings obtained by standard and reactive magnetron sputtering from Ti, TiB₂ and WC</i> revista: Applied Surface Science Vol 358, Part B, Dec 2015, Pag 579-585 issn: 01694332 An Aparitie: 2015 Autori: 11 WOS:000366220500011 link	(50×4.439)/11	23.43
14	D Cristea, M Pătru, A Crisan, Daniela Munteanu, D Crăciun, NP Barradas, E Alves, M Apreutesei, C Moura, L Cunha. <i>Composition and structure variation for magnetron sputtered tantalum oxynitride thin films, as function of deposition parameters</i> revista: Applied Surface Science Vol 358, Part B, 15 Dec 2015, Pag 508-517, issn: 01694332 An Aparitie: 2015 Autori: 10 Autor Principal WOS:000366220500002 link	(50×4.439)/10	25.77
15	Valentin Craciun, Daniel Cristea, Gabriel Socol, Eric Lambers, Roxana Trusca, Steven Fairchild, Tyson Back, Gregory Gruen, Doina Craciun. <i>Characteristics of LaB₆ thin films grown by pulsed laser deposition</i> revista: Journal of Vacuum Science & Technology A 34, 051509, issn: 07342101 An Aparitie: 2016 Autori: 9 WOS:000384263700025 link	(50×1.761)/9	10.18

16	<p>M Pătru, C Gabor, D Cristea, G Oncioiu, D Munteanu</p> <p><i>Mechanical and wear characteristics of aC: H/Cr/AlN/Ti multilayer films deposited by PVD/PACVD</i></p> <p>revista: Surface & Coatings Technology Vol 320, June 2017, Pag 284-292, issn: 02578972 An Aparitie: 2017 Autori: 5 WOS:000402215000048 link</p>	(50×2.906)/5	31.92
17	<p>Camelia Popescu, Daniel Cristea, Bogdan Bită, Rodica Cristescu, Doina Craciun, Georgiana Diana Chioibas, Catalin Luculescu, Irina Paun, Liviu Duta, Andrei C Popescu</p> <p><i>An Experimental Study on Nano-Carbon Films as an Anti-Wear Protection for Drilling Tools</i></p> <p>revista: Coatings 7(12), 228, issn:20796412 An Aparitie: 2017 Autori: 10 WOS:000419197100021 link</p>	(50×2.35)/10	11.75
18	<p>Ioan Milosan, Daniel Cristea, Ionelia Voiculescu, Mihai Alin Pop, Marianne Balat-Pichelin, Andra Mihaela Predescu, Cristina Aurica Bogatu, Tibor Bedo, Andrei-Constantin Berbecaru, Victor Geantă, Camelia Gabor, Luminita Anisoara Isac, Flavius Aurelian Sarbu, Gheorghe Oancea</p> <p><i>Characterisation of EN 1.4136 stainless steel heat-treated in solar furnace</i></p> <p>revista: The International Journal of Advanced Manufacturing Technology 101, pag 2955-2964, issn:02683768 An Aparitie: 2018 Autori: 14 WOS:000463669500060 link</p>	(50×2.601)/14	9.28
19	<p>Ioana Ghiuță, Daniel Cristea*, Catalin Croitoru, Joseph Kost, Rodica Wenkert, Ioannis Vyrides, Andreas Anayiotos, Daniel Munteanu.</p> <p><i>Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species</i></p> <p>revista: Applied Surface Science Vol 438, April 2018, Pag 66-73, issn: 01694332 An Aparitie: 2018 Autori: 8</p> <p>Autor Principal WOS:000425731200009 link</p>	(50×4.439)/8	32.21
20	<p>Catalin Croitoru, Cosmin Spirchez, Aurel Lunguleasa, Daniel Cristea, Ionut Claudiu Roata, Mihai Alin Pop, Tibor Bedo, Elena Manuela Stanciu, Alexandru Pascu.</p> <p><i>Surface properties of thermally treated composite wood panels</i></p> <p>revista: Applied Surface Science Vol 438, April 2018, Pag 114-126, issn: 01694332 An Aparitie: 2018 Autori: 9 WOS:000425731200013 link</p>	(50×4.439)/9	28.63
21	<p>L Cunha, M Apreutesei, C Moura, E Alves, NP Barradas, D Cristea*</p> <p><i>In-situ XRD vs ex-situ vacuum annealing of tantalum oxynitride thin films: Assessments on the structural evolution</i></p> <p>revista: Applied Surface Science Vol 438, April 2018, Pag 14-19 issn: 01694332 An Aparitie: 2018 Autori: 6</p> <p>Autor Principal WOS:000425731200003 link</p>	(50×4.439)/6	42.95
22	<p>Ioan Milosan, Gilles Flamant, Ionelia Voiculescu, Victor Geanta, Daniel Munteanu, Tibor Bedo, Mihai Alin Pop, Augustin Semenescu, Aurel Crisan, Daniel Cristea, Ioan Giacomelli, Maria Stoicanescu, Camelia Gabor, Flavius Aurelian Sarbu, Ioana Ghiuta.</p> <p><i>Comparative study of heat treatment effects performed with solar energy and electric furnace on en 1.4848 stainless steel alloyed with Co, W, Cu and Mo</i></p> <p>revista: Revista de Chimie (Bucharest) 69. No. 5 2018, Pag 1050-1054, issn: 25375733 An Aparitie: 2018 Autori: 15 WOS:000434954100004 link</p>	(50×1.412)/15	4.70

23	Catalin Croitoru, Cosmin Spirchez, Daniel Cristea , Aurel Lunguleasa, Mihai Alin Pop, Tibor Bedo, Ionut Claudiu Roata, Mihai Alexandru Luca <i>Calcium carbonate and wood reinforced hybrid PVC composites</i> revista: Journal of Applied Polymer Science Vol 135, Issue 22, June 10, 2018, 46317 issn: 00218995 An Aparitie: 2018 Autori: 8 WOS:000426508700017 link	(50×1.901)/8	13.67
24	Vasile Tiron, Ioana-Laura Velicu, Iulian Pana, Daniel Cristea , Bogdan George Rusu, Paul Dinca, Corneliu Porosnicu, Eduard Grigore, Daniel Munteanu, Sorin Tascu <i>HiPIMS deposition of silicon nitride for solar cell application</i> revista: Surface & Coatings Technology Vol 344, June 2018, Pag 197-203, issn: 02578972 An Aparitie: 2018 Autori: 10 WOS:000437391300023 link	(50×2.906)/10	15.96
25	EL Tiron, A Crisan, T Bedő, M Stoicanescu, MA Pop, D Cristea . <i>The Influence of Galvanizing Parameters on the Structural Development of Zn-Al-Based Coatings</i> revista: Journal of Materials Engineering and Performance Vol 27, Pag 4548–4560 (2018) issn: 10599495 An Aparitie: 2018 Autori: 6 WOS:000443966400018 link	(50×1.34)/6	12.3
26	Vasile Tiron, Ioana-Laura Velicu, Daniel Cristea , Nicoleta Lupu, George Stoian, Daniel Munteanu. <i>Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS</i> revista: Surface & Coatings Technology Vol 352, Oct 2018, Pag 690-698, issn: 02578972 An Aparitie: 2018 Autori: 6 WOS:000447106400071 link	(50×2.906)/6	26.6
27	D Feldiorean, D Cristea , M Tiorean, C Croitoru, C Gabor, L Jakab-Farkas, L Cunha, NP Barradas, E Alves, V Craciun, A Marin, C Moura, J Leme, M Socol, D Craciun, M Cosnita, D Munteanu <i>Deposition temperature influence on the wear behaviour of carbon-based coatings deposited on hardened steel</i> revista: Applied Surface Science Vol 475, May 2019, Pag 762-773 issn: 01694332 An Aparitie: 2019 Autori: 17 WOS:000458482100090 link	(50×4.439)/17	15.16
28	Ioana Velicu, Gabriela-Theodora Ianoș, Corneliu Porosnicu, Ilarion Mihăilă, Ion Burducea, Alin Velea, Daniel Cristea , Daniel Munteanu, Vasile Tiron. <i>Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering</i> revista: Surface & Coatings Technology Vol 359, Febr 2019, Pag 97-107 issn: 02578972 An Aparitie: 2019 Autori: 9 WOS:000457662700012 link	(50×2.906)/9	17.73
29	Guangyu Yan, Yuhou Wu, Daniel Cristea , Feng Lu, Yibao Wang, Dehong Zhao, Mircea Tiorean, Lusheng Liu. <i>Machining performance of hard-brittle materials by multi-layer micro-nano crystalline diamond coated tools</i> revista: Results in Physics Vol 13, June 2019, 102303, issn: 22113797 An Aparitie: 2019 Autori: 8 WOS:000476618700191 link	(50×2.147)/8	19.01
30	Camelia Gabor, Daniel Cristea , Ioana-Laura Velicu, Tibor Bedo, Andrea Gatto, Elena Bassoli, Bela Varga, Mihai Alin Pop, Victor Geanta, Radu Stefanioiu, Mirela Maria Codescu, Eugen Manta, Delia Patroi, Monica	(50×2.467)/18	8.25

	Florescu, Sorin Ion Munteanu, Ioana Ghiuta, Nicoleta Lupu, Daniel Munteanu <i>Ti-Zr-Si-Nb Nanocrystalline Alloys and Metallic Glasses: Assessment on the Structure, Thermal Stability, Corrosion and Mechanical Properties</i> revista: Materials 12 (9), 1551, issn:19961944 An Aparitie: 2019 Autori: 18 WOS:000469757500192 link		
31	Tibor Bedo, Bela Varga, Daniel Cristea , Alexandra Nitoi, Andrea Gatto, Elena Bassoli, Georgiana Bulai, Ioana-Laura Velicu, Ioana Ghiuta, Sorin Munteanu, Mihai Alin Pop, Camelia Gabor, Mihaela Cosnita, Luminita Parv, Daniel Munteanu. <i>Metastable Al-Si-Ni Alloys for Additive Manufacturing: Structural Stability and Energy Release during Heating</i> revista: Metals 9 (5), 483, issn: 20754701 An Aparitie: 2019 Autori:15 WOS:000478818700002 link	(50×1.704)/15	7.53
32	Vasile Tiron, Corneliu Porosnicu, Paul Dinca, Ioana-Laura Velicu, Daniel Cristea , Daniel Munteanu, Ádám Révész, George Stoian, Cristian P Lungu. <i>Beryllium thin films deposited by thermionic vacuum arc for nuclear applications</i> revista: Applied Surface Science Vol 481, July 2019, Pag 327-336, issn: 01694332 An Aparitie: 2019 Autori: 9 WOS:000472176900040 link	(50×4.439)/9	28.63
33	Daniel Cristea , Luis Cunha, Camelia Gabor, Ioana Ghiuta, Catalin Croitoru, Alexandru Marin, Laura Velicu, Alexandra Besleaga, Bogdan Vasile. <i>Tantalum Oxynitride Thin Films: Assessment of the Photocatalytic Efficiency and Antimicrobial Capacity</i> revista: Nanomaterials 9 (3), 476, issn: 20794991 An: 2019 Autori: 9 Autor Principal WOS:000464450100003 link	(50×3.504)/9	22.41
34	V Tiron, E-L Ursu, D Cristea , D Munteanu, G Bulai, A Ceban, I-L Velicu. <i>Overcoming the insulating materials limitation in HiPIMS: Ion-assisted T deposition of DLC coatings using bipolar HiPIMS</i> revista: Applied Surface Science Vol 494, Nov 2019, Pag 871-879, issn: 01694332 An Aparitie: 2019 Autori: 7 WOS:000487838900098 link	(50×5.155)/7	36.82
35	Guangyu Yan, Yuhou Wu, Daniel Cristea , Lusheng Liu, Mircea Terean, Yibao Wang, Feng Lu, He Wang, Ziyao Yuan, Daniel Munteanu, Dehong Zhao. <i>Mechanical properties and wear behavior of multi-layer diamond films deposited by hot-filament chemical vapor deposition</i> revista: Applied Surface Science Vol 494, Nov 2019, Pag 401-411, issn: 01694332 An Aparitie: 2019 Autori: 11 WOS:000487838900046 link	(50×5.155)/11	23.43
36	C Lopes, C Gabor, D Cristea , R Costa, RP Domingues, MS Rodrigues, J Borges, E Alves, NP Barradas, D Munteanu, F Vaz. <i>Evolution of the mechanical properties of Ti-based intermetallic thin films doped with different metals to be used as biomedical devices</i> revista: Applied Surface Science Vol 505, March 2020, 144617, issn: 01694332 An Aparitie: 2020 Autori: 11 WOS:000510846500142 link	(50×5.155)/11	23.43
37	Ioan Milosan, Monica Florescu, Daniel Cristea , Ionelia Voiculescu, Mihai Alin Pop, Inmaculada Cañadas, José Rodriguez, Cristina Aurica Bogatu, Tibor Bedo.	(50×2.972)/9	16.51

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	<p><i>Evaluation of heat-treated AISI 316 stainless steel in solar furnaces to be used as possible implant material</i></p> <p>revista: Materials 13 (3), 581, issn:19961944 An Aparitie: 2020 Autori: 9 WOS:000515503100088 link</p>		
38	<p>Zhe Yuan, Tingting Peng, Dong An, Daniel Cristea, Mihai Alin Pop <i>Rolling bearing fault diagnosis based on adaptive smooth ITD and MF-DFA method</i></p> <p>revista: Journal of Low Frequency Noise, Vibration and Active Control Vol 39 issue 4, Pag: 968-986 issn: 20484046 An Aparitie: 2019 Autori: 5 WOS:000480051500001 link</p>	(50×1.701)/5	17.01
39	<p>Vasile Tiron, Ioana-Laura Velicu, Teodora Matei, Daniel Cristea, Luis Cunha, George Stoian <i>Ultra-Short Pulse HiPIMS: A Strategy to Suppress Arcing during Reactive Deposition of SiO₂ Thin Films with Enhanced Mechanical and Optical Properties</i></p> <p>revista: Coatings 10 (7), 633, issn: 20796412 An Aparitie: 2020 Autori: 6 WOS:000554213600001 link</p>	(50×2.436)/6	20.3
40	<p>George E Stan, Teddy Tite, Adrian-Claudiu Popa, Iuliana Maria Chirica, Catalin C Negrilă, Cristina Besleaga, Irina Zgura, Any Cristina Sergentu, Gianina Popescu-Pelin, Daniel Cristea, Lucia E Ionescu, Marius Neculescu, Hugo R Fernandes, José MF Ferreira. <i>The Beneficial Mechanical and Biological Outcomes of Thin Copper-Gallium Doped Silica-Rich Bio-Active Glass Implant-Type Coatings</i></p> <p>revista: Coatings 10 (11), 1119, issn: 20796412 An: 2020 Autori: 14 WOS:000592733100001 link</p>	(50×2.436)/14	8.67
41	<p>Alice O Mateescu, Gheorghe Mateescu, Adriana Balan, Catalin Ceaus, Ioan Stamatin, Daniel Cristea, Cornel Samoila, Doru Ursutiu <i>Stainless Steel Surface Nitriding in Open Atmosphere Cold Plasma: Improved Mechanical, Corrosion and Wear Resistance Properties</i></p> <p>revista: Materials 14 (17), 4836, issn: 1996-1944 An: 2021 Autori: 8 WOS: 000694404900001 link</p>	(50×3.62)/8	22.62
42	<p>Belgacem Tiss, Youssef Moualhi, Noureddine Bouguila, Mabrouk Kraini, Sahbi Alaya, Catalin Croitoru, Ioana Ghiuta, Daniel Cristea, Delia Patroi, Cacilda Moura, Luis Cunha <i>Influence of the Physical Properties on the Antibacterial and Photocatalytic Behavior of Ag-Doped Indium Sulfide Film Deposited by Spray Pyrolysis</i></p> <p>revista: Coatings 11 (4), 370, issn: 20796412 An: 2021 Autori: 11 WOS: 000642934600001 link</p>	(50×2.881)/11	13.09
43	<p>B Tiss, A Ben Fradj, N Bouguila, D Cristea, C Croitoru, M Kraini, C Vázquez-Vázquez, L Cunha, C Moura, S Alaya <i>Electrical Behavior and Photocatalytic Activity of Ag-Doped In₂S₃ Thin Films</i></p> <p>revista: Journal of Electronic Materials 50 (6), 3739-3747, issn: 0361-5235 An: 2021 Autori: 10 WOS: 000640473000008 link</p>	(50×1.938)/10	9.69
44	<p>B Tiss, M BenFraj, N Bouguila, M Kraini, S Alaya, D Cristea, C Croitoru, V Craciun, D Craciun, P Prepelita, I-L Velicu, V Tiron, C Moura, L Cunha</p>	(50×4.094)/14	14.62

		<i>The effect of vacuum and air annealing in the physical characteristics and photocatalytic efficiency of In2S3: Ag thin films produced by spray pyrolysis</i> revista: Materials Chemistry and Physics 270, 124838, issn: 0361-5235 An: 2021 Autori: 14 WOS: 000671215400001 link		
45	Mihail Lungu, Cornel Staicu, Flaviu Baiasu, Alexandru Marin, Bogdan Butoi, Daniel Cristea, Oana Gloria Pompilian, Claudiu Locovei, Corneliu Porosnicu <i>Deposition, Morphological, and Mechanical Evaluation of W and Be-Al2O3 and Er2O3 Co-Sputtered Films in Comparison with Pure Oxides</i> revista: Coatings 11 (11), 1430, issn: 20796412 An: 2021 Autori: 9 link	(50×2.881)/9	16.00	
46	Yuhou Wu, Huisen Zhang, Guangyu Yan, Lusheng Liu, Daniel Cristea, He Wang, Yumiao Yang, Jianhui Shen <i>Hot filament chemical vapor deposition temperature field optimization for diamond films deposited on silicon nitride substrates</i> revista: Materials Research Express 8 (11), 116403, issn: 2053-1591 An: 2021 Autori: 8 WOS: 000717278500001 link	(50×1.62)/8	10.12	
47	Vasile Tiron, Mihai Alexandru Ciolan, Georgiana Bulai, Daniel Cristea, Ioana-Laura Velicu <i>Effect of Pulsing Configuration and Magnetic Balance Degree on Mechanical Properties of CrN Coatings Deposited by Bipolar-HiPIMS onto Floating Substrate</i> revista: Coatings 11 (12), 1526, issn: 20796412 An: 2021 Autori: 5 WOS: 000736194600001 link	(50×2.881)/5	28.81	
48	Daniel Cristea, Ioana-Laura Velicu, Luis Cunha, Nuno Barradas, Eduardo Alves, Valentin Craciun <i>Tantalum-Titanium Oxynitride Thin Films Deposited by DC Reactive Magnetron Co-Sputtering: Mechanical, Optical, and Electrical Characterization</i> revista: Coatings 12 (1), 36, issn: 20796412 An: 2021 Autori: 6 Autor Principal link	(50×2.881)/6	24.00	
49	Vasile Tiron, Elena-Laura Ursu, Daniel Cristea, Georgiana Bulai, George Stoian, Teodora Matei, Ioana-Laura Velicu. <i>Room temperature deposition of nanocrystalline SiC thin films by DCMS/HiPIMS co-sputtering technique</i> revista: Nanomaterials , issn: 2079-4991 An: 2022 Autori: 7 Autor Principal FI = 5,07, acceptată Ianuarie 2022	(50×5.07)/7	36.21	
		TOTAL	953.76	

2.1.2	Nr	Articole indexate ISI Proceeding	Formula	Punctaj
	1	Konstantinos Kapnisis, Costas Pitsillides, Marianna Prokopi, G. Constantinides, Daniel Cristea, Daniel Munteanu, Brigitta Brott, Peter Anderson, Jack Lemons, Andreas Anayiotos. <i>Metallic Stents: Biomechanical Analysis and In Vivo Investigation of the Vessel Inflammatory Response</i>	(50×0.1/10)	0.5

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	revista: XIV Mediterranean Conference On Medical And Biological Engineering And Computing 2016 Book Series: IFMBE Proceedings conferinta: XIV Mediterranean Conference On Medical And Biological Engineering And Computing 2016 Pag 1081-1084, issn:16800737 An Aparitie: 2016 Autori: 10 WOS:000376283000212 link		
2	D Craciun, AC Popescu, D Cristea, M Stoicanescu, I Milos, E Lambers, G Socol, V Craciun <i>Hard TiC Films Grown by Pulsed Laser Deposition</i> revista: Materials Today-Proceedings Vol 2, Is 6, 2015, Pag 3790-3796 conferinta: 10th International Conference on Physics of Advanced Materials (ICPAM) issn: 22147853 An Aparitie: 2015 Autori: 8 WOS:000363467900002 link	(50x0.1/8)	0.62
3	Vlad Jinga, Daniel Cristea, Cornel Samoilă, D Ursu iu, AO Mateescu, G Mateescu, D Munteanu <i>Tribological properties of ternary nanolayers, obtained from simple/compound materials</i> revista: IOP Publishing IOP Conf. Series: Materials Science and Engineering 133 (2016) 012002 conferinta: International Conference on Innovative Research 2016 - ICIR Euroinvent 2016 issn:17578981 An Aparitie: 2016 Autori: 7 WOS:000391140000002 link	(50x0.1/7)	0.71
4	Ioana Ghiuță, Daniel Cristea, Rodica Wenkert, Daniel Munteanu. <i>Green synthesis of silver chloride nanoparticles using Rhodotorula Mucilaginosa</i> revista: Materials Research Proceedings , Vol. 8, Pag 28-34, 2018 conferinta: 5th International Conference on Powder Metallurgy & Advanced Materials, RoPM&AM 2017 , issn: 24743941 An: 2018 Autori: 4 WOS:000452925200004 link	(50x0.1/4)	1.25
5	Daniel Munteanu, Tibor Bedo, Mihai Alin Pop, Ioan Milosan, Camelia Gabor, Ioana Ghiuta, Sorin Munteanu, Dan Cristea <i>Influential parameters on the inductive quenching technology for large bearing rings</i> revista: Metal 2018 conferinta: Metal 2018 issn: 12345678 An Aparitie: 2018 Autori: 8 WOS:000461832200124 link	(50x0.1/8)	0.62
		TOTAL	3.71

2.2	Nr	Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale	Formula	Punctaj
	1	<p>I Ghiuta, D Cristea, D Tint, D Munteanu</p> <p><i>Surface modification of metallic biomaterials used as medical implants and prostheses</i></p> <p>revista: Bulletin of the Transilvania University of Brasov. Engineering Sciences. Series I Vol. 8 (57) No. 2 – 2015, Pag 159-164</p> <p>BDI: ProQuest issn:2065-2119 An Aparitie: 2015 Autori: 4 link</p>	(50×0.08/4)	1
	2	<p>D Cristea, I Ghiuta, D Munteanu.</p> <p><i>Tantalum Based Materials For Implants And Prostheses Applications</i></p>	(50×0.08/3)	1.33

	<p>revista: Bulletin of the Transilvania University of Brasov. Engineering Sciences. Series I Vol. 8 (57) No. 2 – 2015, Pag 151-158 BDI: ProQuest issn: 2065-2119 An Aparitie: 2015 Autori: 3 link</p>		
3	<p>Daniel Cristea, Aurel Crișan. <i>Tantalum Based Thin Films Preparation, Structures and Properties</i> revista: RECENT Vol 14, no. 2(38) Pag 60-73 BDI: Index Copernicus Journal Master List, ULRICHSWEB Global Serials Directory issn: 1582-0246 An Aparitie: 2013 Autori: 2 link</p>	(50x0.08/2)	2
4	<p>Daniel Cristea, Cristian Ionescu, Alexandru Munteanu, Daniel Munteanu. <i>The Corrosion Characterization Of Ti-Si-C Thin Films Obtained By Magnetron Sputtering Deposition</i> revista: RECENT Vol. 10, no. 3(27), Nov, 2009 Pag 213-218 BDI: Index Copernicus Journal Master List, ULRICHSWEB Global Serials Directory issn:1582-0246 An Aparitie: 2009 Autori: 4 link</p>	(50x0.08/4)	1
5	<p>Vlad Jinga, Daniel Cristea, AO Mateescu, Cornel Samoila, Doru Ursuțiu, G Mateescu, Daniel Munteanu. <i>Dry Lubricant Materials Deposited by Magnetron Sputtering and Friction Coefficients Evaluation</i> revista: Key Engineering Materials 660:75-80 August 2015 BDI: Scopus issn: 978-3-03835-559-5 An Aparitie: 2015 Autori: 7 link</p>	(50x0.08/7)	0.57
6	<p>D Cristea, Luis Cunha, A Crișan, D Munteanu. <i>Overview On Magnetron Sputtered Tantalum Oxynitride Thin Films – Structures And Properties</i> revista: Tehnomus BDI: Ulrichsweb issn:1224-029X An Aparitie: 2015 Autori: 4 link</p>	(50x0.08/4)	1
7	<p>Ioana Ghiuta, Andrea Gatto, Elena Bassoli, Sorin Ion Munteanu, Tibor Bedo, Mihai Alin Pop, Camelia Gabor, Maria Covei, Mihaela Cosnita, Daniel Cristea, Béla Varga, Daniel Munteanu <i>The Influence of Powder Particle and Grain Size on Parts Manufacturing by Powder Bed Fusion</i> revista: Materials Science Forum Vol 941 Pag 1585-1590 BDI: Scopus issn: 1662-9752 An Aparitie: 2018 Autori:12 link</p>	(50x0.08/12)	0.33
8	<p>C Gabor, D Cristea, D Munteanu, T Bedo, MA Pop, SI Munteanu, I Miloșan. <i>The influence of induction hardening process parameters on the properties of 50CrMo4 steel</i> revista: Bulletin of the Transilvania University of Brasov, Series I: Engineering Sciences Vol. 10 (59) No. 2 – 2017 Pag 127-132 BDI: EBSCO issn: 2065-2119 An Aparitie: 2017 Autori: 7 link</p>	(50x0.08/7)	0.57
9	<p>I Ghiuță, D Cristea, D Munteanu. <i>Synthesis Methods Of Metallic Nanoparticles-An Overview</i> revista: Bulletin of the Transilvania University of Brasov. Engineering Sciences. Series I Vol. 10 (59) No. 2 – 2017 Pag 133-140 BDI: EBSCO issn: 2065-2119 An Aparitie: 2017 Autori: 3 link</p>	(50x0.08/3)	1.333
10	<p>DI Feldiorean, D Cristea, L Jakab-Farkas, MH Tiorean <i>Surface Characterization of DLC Layers PVD Coated on AISI 52100 Steel Substrate</i> revista: IOP Conference Series: Materials Science and Engineering: 7th International Conference on Advanced Materials and Structures - AMS 2018 28–31 March 2018, Romania Vol 416 012014</p>	(50x0.08/4)	1

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	BDI: IOP Science An Aparitie: 2018 Autori: 4 link		
11	T Bedő, SI Munteanu, T Peng, MA Pop, C Gabor, D Cristea, D Munteanu. <i>The Influence of the Build Orientation on the Tensile Strength and the Hardness of the Polyamide Parts Made by Selective Laser Sintering Technology</i> revista: Bulletin of the Transilvania University of Brasov. Engineering Sciences. Series I Vol. 11 (60) No. 2 – 2018 Pag 17-26 BDI: EBSCO issn: 2065-2119 An Aparitie: 2018 Autori: 7 link	(50×0.08/7)	0.57
12	Patru, M., Cristea, D., Ghiuta, I., Munteanu <i>The Effect Of AlN/Ti Interlayers On The Mechanical And Tribological Behaviour Of DLC Coatings</i> revista: European Conference on Heat Treatment 2015 and 22nd Heat Treatment and Surface Engineering from Tradition to Innovation Congress, IFHTSE 2015; Venice; Italy; May 2015; BDI: Scopus issn: 978-889899003-0 An Aparitie: 2015 Autori: 4 link	(50×0.08/4)	1
13	A Nitoi, D Cristea, MA Pop, T Bedo, B Varga, D Munteanu <i>Aluminum based metastable alloys for additive manufacturing</i> revista: IOP Conference Series: Materials Science and Engineering 682 012014 BDI: Scopus issn: 1757-899X An Aparitie: 2019 Autori: 6 link	(50×0.08/6)	0.66
14	D Cristea, MA Pop, C Faraian, D Munteanu. <i>The influence of additive manufacturing parameters on the structural and mechanical properties of acrylonitrile butadiene styrene (ABS) parts produced by fused filament fabrication</i> revista: IOP Conference Series: Materials Science and Engineering 682 012013 BDI: Scopus issn: 1757-899X An Aparitie: 2019 Autori: 4 link	(50×0.08/4)	1
		TOTAL	13.37

2.4.1.1	Nr	Granturi/proiecte internaționale câștigate prin competiție	Formula	Punctaj
	1	The European Solar Research Infrastructure for Concentrated Solar Power SFERA III: Access grant: Concentrated solar radiation fast sintering of novel metastable Al-Si-Ni alloys, as potential raw materials for additive manufacturing Middle Eastern Technical University, Ankara, Turkey finantator: European Commission nr ctr: 823802 perioada: 2019-2019	20×1	20
	2	The European Solar Research Infrastructure for Concentrated Solar Power SFERA III: Access grant: Novel Ti-based biocompatible alloy coatings from powders sintered onto Ti6Al4V substrates using concentrated solar radiation PROMES-CNRS, Odeillo, France finantator: European Commission nrctr: 823802 perioada: 2020-2020	20×1	20
	3	Research Stays for University Academics and Scientists Host Institution: FEM (forschungsinstitut edelmetalle + metallchemie), Schwäbisch Gmünd, Germany Corrosion resistant Me-Mg nitrides finantator: German Academic Exchange Service nr ctr: 57442043 perioada: 2020-2020	20×1	20

2.4.1.2			TOTAL	60
	Nr	Granturi/proiecte naționale câștigate prin competiție	Formula	Punctaj
	1	Cod Proiect: PN-III-P1-1.1-TE-2019-1209 Straturi Subțiri Multifuncționale De Tip Oxiduri Binare Depuse Prin Pulverizare Reactivă în Regim Magnetron Valoare grant: 431.898 RON finanțator: UEFISCDI nr.ctr: TE 59 din 31/08/2020 perioada: 2020-2022 ani desfășurare: 2	5x2	10
	2	Contract terți Efectuare încercări mecanice și tribologice pentru probe cu acoperiri tribologice (Hardness Test, Scratch Test, Pin/Ball on Disk Tribometer Test) Valoare grant: 72.000 RON finanțator: IFIN-HH nr.ctr: 13440 din 16/11/2020 perioada: 2020-2021 ani desfășurare: 1	5x2	5
			TOTAL	15
2.4.2.1	Nr	Membru în echipe internaționale	Formula	Punctaj
	1	RIA - Horizon 2020, (2016 - 2019) - FOF-13-2016: Photonics Laser-based production Driving up Reliability and Efficiency of Additive Manufacturing - DREAM H2020 perioada: 2016-2019 ani desfășurare: 3	4x3	12
	2	The European Solar Research Infrastructure for Concentrated Solar Power SFERA II Access grant: Researches regarding the influence of the heat treatments with solar energy over the wear resistant steels properties perioada: 2016-2016 finanțator: European Commission CIEMAT-PSA Spain nr.ctr: FP7-INFRA-312643 cod P1512200152/09.05.2016 ani desfășurare:1	4x1	4
	3	The European Solar Research Infrastructure for Concentrated Solar Power SFERA II Access grant: Solar-assisted treating of some new stainless steels for biomedical applications , Acronym: SOLAR-BIOMAT perioada:2017-2017 finanțator:Uniunea Europeană, CIEMAT-PSA nrctr:FP7-INFRA-312643 cod P1701100227/2017 ani desfășurare:1	4x1	4
			TOTAL	20
2.4.2.2	Nr	Membru în echipe naționale	Formula	Punctaj
	1	Research-Development-Innovation for Aerospace Technologies and Advanced Research Program (STAR) - ctr. no. 68/2013. 2013 - 2016 Multilayer inorganic/organic tribological coatings for space applications - finanțator: Agenția Spațială Română, ani desfășurare: 3	2x3	6
	2	Cod Proiect: PN-III-P2-2.1-BG-2016-0241 Optimizarea ecotehnologiei de călire inductivă a inelelor de rulmenți de mari dimensiuni perioada: 2016-2018 finanțator: UEFISCDI nr.ctr: 100BG/2016 ani desfășurare: 2	2x2	4
	3	Cod Proiect: PN-III-P3-3.6-H2020-2016-0077 Premiere H2020 - DREAM perioada: 2017-2019 finanțator: UEFISCDI nr.ctr: 15/2017	2x3	6

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		ani desfasurare: 3		
4		Contract terți Servicii de cercetare industrială structură suprafață implant caracteristici mecanice perioada: 2017-2018 finanțator: DENTIX nr.ctr: 144/09.01.2017 ani desfășurare: 1	2x1	2
5		Cod Proiect: PN-III-P1-1.2-PCCDI-2017-0062 Noi Metodologii De Diagnosticare și Tratament: Provocări Actuale și Soluții Tehnologice Bazate Pe Nanomateriale și Biomateriale perioada: 2018-2020 finanțator: UEFISCDI nr.ctr: 58PCCDI ani desfășurare: 2	2x2	4
			TOTAL	22

3.1.1	Nr	Citări în reviste ISI	Formula	Punctaj
	1	Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X titlu: Tantalum (oxy) nitride based photoanodes for solar-driven water oxidation revista: Journal of Materials Chemistry A issn: 20507488 An Aparitie: 2016 Autori: 10 CoefM:30 WOS:000371077300003 link	(30/10)	3
	2	Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X titlu: High-rate reactive high-power impulse magnetron sputtering of Ta-O-N films with tunable composition and properties revista: Thin Solid Films issn: 00406090 An Aparitie: 2014 Autori: 10 CoefM: 15 WOS:000341057300012 link	(15/10)	1.5
	3	Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X titlu: Multiphase structure of tantalum oxynitride TaO x N y thin films deposited by reactive magnetron sputtering revista: The Journal of Physical Chemistry C issn:19327447 An Aparitie: 2015 Autori: 10 CoefM:20 WOS:000363068400031 link	(20/10)	2
	4	Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X titlu: Structural and ellipsometric study on tailored optical properties of tantalum oxynitride films deposited by reactive sputtering revista: Journal of Physics D: Applied Physics issn: 00223727 An Aparitie: 2014 Autori: 10 CoefM: 20 WOS:000344860600005 link	(20/10)	2

5	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Bioactivity response of Ta1-xOx coatings deposited by reactive DC magnetron sputtering</p> <p>revista: Materials Science and Engineering: C issn:09284931 An Aparitie: 2016 Autori: 10 CoefM: 30 WOS:000364247500014 link</p>	(30/10)	3
6	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat:0042207X</p> <p>titlu: Phase formation and microstructure evolution of reactively rf magnetron sputtered Cr-Zr oxynitride thin films</p> <p>revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2013 Autori: 10 CoefM: 20 WOS:000330488000021 link</p>	(20/10)	2
7	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Visible light activated photocatalytic TaON coatings deposited via pulsed-DC magnetron sputtering</p> <p>revista: Vacuum issn: 0042207X An Aparitie: 2014 Autori: 10 CoefM: 20 WOS:000342716000022 link</p>	(20/10)	2
8	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Evidence for structural transition in crystalline tantalum pentoxide films grown by RF magnetron sputtering</p> <p>revista: Journal of Alloys and Compounds</p> <p>issn: 09258388 An Aparitie: 2017 Autori: 10 CoefM: 20 WOS:000401881000040 link</p>	(20/10)	2
9	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat:0042207X</p> <p>titlu: LaTiOxNy Thin Film Model Systems for Photocatalytic Water Splitting: Physicochemical Evolution of the Solid-Liquid Interface and the Role of the Crystallographic Orientation</p> <p>revista: Advanced functional materials issn: 1616301X An Aparitie: 2017 Autori: 10 CoefM: 30 WOS:000401803400002 link</p>	(30/10)	3
10	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Enhanced mechanical properties of HfO2 film by nitrogen doping</p> <p>revista: Surface Engineering issn:17432944 An Aparitie: 2016 Autori: 10 CoefM: 15 WOS:000377214900006 link</p>	(15/10)	1.5
11	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p>	(20/10)	2

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	<p>titlu: Optical band engineering of metal-oxynitride based on tantalum oxide thin film fabricated via reactive gas-timing RF magnetron sputtering</p> <p>revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2016 Autori: 10 CoefM: 20 WOS:000387526200066 link</p>		
12	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Evaluation of cell activation promoted by tantalum and tantalum oxide coatings deposited by reactive DC magnetron sputtering</p> <p>revista: Surface and Coatings Technology issn: 02578972 An Aparitie: 2017 Autori: 10 CoefM: 20 WOS:000414819700032 link</p>	(20/10)	2
13	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Influence of post-deposition annealing on the chemical states of crystalline tantalum pentoxide films</p> <p>revista: Applied Physics A issn: 09478396 An Aparitie: 2018 Autori: 10 CoefM: 15 WOS:000449108700002 link</p>	(15/10)	1.5
14	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Effect of annealing on structure and properties of Ta-O-N films prepared by high power impulse magnetron sputtering</p> <p>revista: Ceramics International issn: 02728842 An Aparitie: 2018 Autori: 10 CoefM: 20 WOS:000463688400020 link</p>	(20/10)	2
15	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Growth of nanocolumnar porous TiO2 thin films by magnetron sputtering using particle collimators</p> <p>revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2018 Autori: 10 CoefM: 20 WOS:000437066400027 link</p>	(20/10)	2
16	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Examination of various characteristics for sputtered tantalum oxide-nitride thin films deposited at various oxygen flowrates</p> <p>revista: Integrated Ferroelectrics issn:16078489 An Aparitie: 2017 Autori: 10 CoefM: 5 WOS:000437066400027 link</p>	(5/10)	0.5
17	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Reactive gas pulsing sputtering process, a promising technique to elaborate silicon oxynitride multilayer nanometric antireflective coatings</p> <p>revista: Journal of Physics D: Applied Physics</p> <p>issn: 00223727 An Aparitie: 2016 Autori: 10 CoefM: 20 WOS:000389213700001 link</p>	(20/10)	2

18	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161</p> <p>titlu: Chromium allergy and dermatitis: prevalence and main findings</p> <p>revista: Contact Dermatitis issn:01051873 An Aparitie: 2015 Autori: 10 CoefM: 20 WOS:000363325800001 link</p>	(20/10)	2
19	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161</p> <p>titlu: Low friction and high strength of 316L stainless steel tubing for biomedical applications</p> <p>revista: Materials Science and Engineering: C</p> <p>issn: 09284931 An Aparitie: 2017 Autori: 10 CoefM: 30 WOS:000390967200022 link</p>	(30/10)	3
20	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161</p> <p>titlu: Fatigue of metallic stents: from clinical evidence to computational analysis</p> <p>revista: Annals of biomedical engineering issn: 00906964 An Aparitie: 2016 Autori: 10 CoefM: 20 WOS:000371046300003 link</p>	(20/10)	2
21	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161</p> <p>titlu: Micromechanical modeling for the probabilistic failure prediction of stents in high-cycle fatigue</p> <p>revista: International Journal of Fatigue issn: 01421123 An Aparitie: 2016 Autori: 10 CoefM: 20 WOS:000374615900041 link</p>	(20/10)	2
22	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161</p> <p>titlu: Microstructure and deformation of coronary stents from CoCr-alloys with different designs</p> <p>revista: Materials issn: 19961944 An Aparitie: 2015 Autori: 10 CoefM: 20 WOS:000356879100029 link</p>	(20/10)	2
23	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161</p> <p>titlu: A retrospective investigation of hexavalent chromium allergy in southern Sweden</p> <p>revista: Contact dermatitis issn: 01051873 An Aparitie: 2018 Autori: 10 CoefM: 20 WOS:000431493600002 link</p>	(20/10)	2
24	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161</p> <p>titlu: Fretting corrosion of CoCr alloy: Effect of load and displacement on the degradation mechanisms</p> <p>revista: Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine issn: 09544119 An Aparitie: 2017 Autori: 10 CoefM: 15 WOS:000394814000002 link</p>	(15/10)	1.5
25	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161</p> <p>titlu: Characterizing fretting damage in different test media for cardiovascular device durability testing</p>	(20/10)	2

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	<p>revista: Journal of the mechanical behavior of biomedical materials issn: 17516161 An Aparitie: 2018 Autori: 10 CoefM: 20 WOS:000432508800039 link</p>		
26	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate issn citat: 02634368 titlu: Effect of plasma sprayed and laser re-melted Al₂O₃ coatings on hardness and wear properties of stainless steel revista: Ceramics International issn: 02728842 An Aparitie: 2016 Autori: 5 CoefM: 20 WOS:000376693800100 link</p>	(20/5)	4
27	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate issn citat: 02634368 titlu: Alternant phase distribution and wear mechanical properties of an Al₂O₃-40 wt% TiO₂ composite coating revista: Ceramics International issn: 02728842 An Aparitie: 2017 Autori: 5 CoefM: 20 WOS:000401401800088 link</p>	(20/5)	4
28	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate issn citat: 02634368 titlu: Hot Corrosion Behaviour of Refractory and Rare Earth Oxide Reinforced CoCrAlY APS Coatings at 700°C revista: Transactions of the Indian Institute of Metals issn: 09722815 An Aparitie: 2018 Autori: 5 CoefM: 10 WOS:000447977200006 link</p>	(10/5)	2
29	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate issn citat: 02634368 titlu: Preparation and property characterization of WS₂ coatings deposited on micro-nano textured surfaces of cemented carbide at different WS₂ target currents revista: International Journal of Refractory Metals and Hard Materials issn: 02634368 An Aparitie: 2018 Autori: 5 CoefM: 20 WOS:000427209100041 link</p>	(20/5)	4
30	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate issn citat: 02634368 titlu: Effect of cobalt content on high-temperature tribological properties of TiC-Co coatings revista: Ceramics International issn: 02728842 An Aparitie: 2018 Autori: 5 CoefM: 20 WOS:000437077000101 link</p>	(20/5)	4
31	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate issn citat: 02634368 titlu: Surface modification of AZ91 magnesium alloy using GTAW technology revista: Bulletin of the Polish Academy of Sciences Technical Sciences issn:02397528 An Aparitie: 2017 Autori: 5 CoefM: 15 WOS:000418994700018 link</p>	(15/5)	3
32	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate issn citat: 02634368 titlu: Influencia de los esfuerzos residuales en la adherencia de recubrimientos de Al₂O₃-40% TiO₂ depositados mediante proyección térmica por combustión revista: Boletín de la Sociedad Espanola de Cerámica y Vidrio issn: 21730431 An Aparitie: 2016 Autori: 5 CoefM: 20</p>	(20/5)	4

	WOS:000392046300003 link		
33	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Biomedical applications of silver nanoparticles: An up-to-date overview</p> <p>revista: Nanomaterials issn citeaza: 20794991 An Aparitie: 2018 Autori: 8 CoefM: 20 WOS:000448659200049 link</p>	(20/8)	2.5
34	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Silver bullets: A new lustre on an old antimicrobial agent</p> <p>revista: Biotechnology advances issn: 07349750 An Aparitie: 2018 Autori: 8 CoefM: 30 WOS:000441681300001 link</p>	(30/8)	3.75
35	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: In situ reduction of silver nanoparticles by gelatin to obtain porous silver nanoparticle/chitosan composites with enhanced antimicrobial and wound-healing activity</p> <p>revista: International journal of biological macromolecules issn citeaza: 01418130 An Aparitie: 2018 Autori: 8 CoefM: 20 WOS:000452346100071 link</p>	(20/8)	2.5
36	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Cellulose nanowhiskers decorated with silver nanoparticles as an additive to antibacterial polymers membranes fabricated by electrospinning</p> <p>revista: Journal of colloid and interface science issn: 00219797 An Aparitie: 2018 Autori: 8 CoefM: 30 WOS:000444067300074 link</p>	(30/8)	3.75
37	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Silver nanoparticles as antimicrobial therapeutics: current perspectives and future challenges</p> <p>revista: 3 Biotech issn: 2190572X An Aparitie: 2018 Autori: 8 CoefM: 15 WOS:000444687900006 link</p>	(15/8)	1.875
38	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Biosynthesis of Silver Nanoparticles Using Safflower Flower: Structural Characterization, and Its Antibacterial Activity on Applied Wool Fabric</p> <p>revista: Journal of Inorganic and Organometallic Polymers and Materials issn: 15741443 An Aparitie: 2018 Autori: 8 CoefM: 15 WOS:000449330700035 link</p>	(15/8)	1.875

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39	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: The production and application of hydrogels for wound management: A review</p> <p>revista: European Polymer Journal issn: 00143057 An Aparitie: 2018</p> <p>Autori: 8 CoefM: 20 WOS:000458597600016 link</p>	(20/8)	2.5
40	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Catalytic and anti-bacterial properties of biosynthesized silver nanoparticles using native inulin revista: RSC Advances issn: 20462069</p> <p>An Aparitie: 2018 Autori: 8 CoefM: 20 WOS:000442616800056 link</p>	(20/8)	2.5
41	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: RE-irradiation of silver nanoparticles obtained by laser ablation in water and assessment of their antibacterial effect</p> <p>revista: Applied Surface Science issn: 01694332 An Aparitie: 2019 Autori: 8 CoefM: 20 WOS:000456951700071 link</p>	(20/8)	2.5
42	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Microorganism Assisted Synthesized Nanoparticles for Catalytic Applications</p> <p>revista: Energies issn: 19961073 An Aparitie: 2019 Autori: 8 CoefM: 20 WOS:000460665000190 link</p>	(20/8)	2.5
43	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Biogenic synthesis, characterization and investigation of photocatalytic and antimicrobial activity of manganese nanoparticles synthesized from Cinnamomum verum bark extract</p> <p>revista: Journal of Molecular Structure issn: 00222860 An Aparitie: 2019</p> <p>Autori: 8 CoefM: 20 WOS:000456491500057 link</p>	(20/8)	2.5
44	<p>Titlu citat: Development of tantalum oxynitride thin films produced by PVD: Study of structural stability issn citat: 01694332</p> <p>titlu: Multiphase structure of tantalum oxynitride TaO x N y thin films deposited by reactive magnetron sputtering</p> <p>revista: The Journal of Physical Chemistry C issn: 19327447 An Aparitie: 2015 Autori: 7 CoefM: 20 WOS:000363068400031 link</p>	(20/7)	2.85
45	<p>Titlu citat: Development of tantalum oxynitride thin films produced by PVD: Study of structural stability issn citat: 01694332</p> <p>titlu: Structural and ellipsometric study on tailored optical properties of tantalum oxynitride films deposited by reactive sputtering</p> <p>revista: Journal of Physics D: Applied Physics issn: 00223727 An Aparitie: 2014 Autori: 7 CoefM: 20 WOS:000344860600005 link</p>	(20/7)	2.857

46	<p>Titlu citat: Development of tantalum oxynitride thin films produced by PVD: Study of structural stability issn citat: 01694332</p> <p>titlu: The influence of nitrogen and oxygen additions on the thermal characteristics of aluminium-based thin films</p> <p>revista: Materials Chemistry and Physics issn: 02540584 An Aparitie: 2015 Autori: 7 CoefM: 20 WOS:000365361500068 link</p>	(20/7)	2.85
47	<p>Titlu citat: Development of tantalum oxynitride thin films produced by PVD: Study of structural stability issn citat: 01694332</p> <p>titlu: Visible light activated photocatalytic TaON coatings deposited via pulsed-DC magnetron sputtering</p> <p>revista: Vacuum issn: 0042207X An Aparitie: 2014 Autori: 7 CoefM: 20 WOS:000342716000022 link</p>	(20/7)	2.85
48	<p>Titlu citat: Development of tantalum oxynitride thin films produced by PVD: Study of structural stability issn citat: 01694332</p> <p>titlu: Combining reactive sputtering and rapid thermal processing for synthesis and discovery of metal oxynitrides</p> <p>revista: Journal of Materials Research issn: 08842914 An Aparitie: 2015 Autori: 7 CoefM: 15 WOS:000362981300010 link</p>	(15/7)	2.14
49	<p>Titlu citat: Development of tantalum oxynitride thin films produced by PVD: Study of structural stability issn citat: 01694332</p> <p>titlu: Optical band engineering of metal-oxynitride based on tantalum oxide thin film fabricated via reactive gas-timing RF magnetron sputtering</p> <p>revista: Surface and Coatings Technology issn: 02578972 An Aparitie: 2016 Autori: 7 CoefM: 20 WOS:000387526200066 link</p>	(20/7)	2.85
50	<p>Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn:01694332</p> <p>titlu: Advances in piezoelectric thin films for acoustic biosensors, acoustofluidics and lab-on-chip applications</p> <p>revista: Progress in Materials Science issn: 00796425 An Aparitie: 2017 Autori: 8 CoefM: 30 WOS:000406818400002 link</p>	(30/8)	3.75
51	<p>Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn citat: 01694332</p> <p>titlu: Cowpea-structured PVDF/ZnO nanofibers based flexible self-powered piezoelectric bending motion sensor towards remote control of gestures</p> <p>revista: Nano Energy issn: 22112855 An Aparitie: 2019 Autori: 8 CoefM: 30 WOS:000454636200050 link</p>	(30/8)	3.75
52	<p>Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn citat: 01694332</p> <p>titlu: Synthesis of c-axis oriented AlN thin films at room temperature</p> <p>revista: Surface Engineering issn:17432944 An Aparitie: 2017 Autori: 8 CoefM: 15 WOS:000394625500001 link</p>	(15/8)	1.87

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53	<p>Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn citat: 01694332</p> <p>titlu: Low-RF-power growth of InN thin films by plasma-assisted reactive evaporation with a localized ion source</p> <p>revista: Materials Chemistry and Physics issn: 02540584 An Aparitie: 2017 Autori: 8 CoefM: 20 WOS:000409150800048 link</p>	(20/8)	2.5
54	<p>Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn citat: 01694332</p> <p>titlu: Mechanical Properties and Fracture Toughness of AlN Thin Films Deposited Using Helicon Sputtering revista: Nanoscience and Nanotechnology Letters issn:19414900 An Aparitie: 2017 Autori: 8 CoefM: 20 WOS:000402473600025 link</p>	(20/8)	2.5
55	<p>Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn citat: 01694332</p> <p>titlu: Stress-free deposition of [001] preferentially oriented titanium thin film by Kaufman ion-beam source</p> <p>revista: Thin Solid Films issn:00406090 An Aparitie: 2017 Autori: 8 CoefM: 15 WOS:000411775900008 link</p>	(15/8)	1.87
56	<p>Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332</p> <p>titlu: TaNx coatings deposited by HPPMS on SS316L bipolar plates for polymer electrolyte membrane fuel cells: Correlation between corrosion current, contact resistance and barrier oxide film formation</p> <p>revista: International Journal of Hydrogen Energy issn:03603199 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000397685800051 link</p>	(20/12)	1.66
57	<p>Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332</p> <p>titlu: On the structural, morphological and electrical properties of tantalum oxy nitride thin films by varying oxygen percentage in reactive gases plasma</p> <p>revista: Chinese Journal of Physics issn: 05779073 An Aparitie: 2017 Autori: 12 CoefM: 10 WOS:000407613000037 link</p>	(10/12)	0.83
58	<p>Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332</p> <p>titlu: Optical band engineering of metal-oxynitride based on tantalum oxide thin film fabricated via reactive gas-timing RF magnetron sputtering</p> <p>revista: Surface and Coatings Technology issn: 02578972 An Aparitie: 2016 Autori: 12 CoefM: 20 WOS:000387526200066 link</p>	(20/12)	1.66
59	<p>Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332</p>	(5/12)	0.41

	titlu: Examination of various characteristics for sputtered tantalum oxide-nitride thin films deposited at various oxygen flowrates revista: Integrated Ferroelectrics issn:16078489 An Aparitie: 2017 Autori: 12 CoefM: 5 WOS:000423281400006 link		
60	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Metallic biomaterials: Current challenges and opportunities revista: Materials issn: 19961944 An Aparitie: 2017 Autori: 3 CoefM: 20 WOS:000408731600038 link	(20/3)	6.66
61	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Optical properties of refractory metal based thin films revista: Optical Materials Express issn: 21593930 An Aparitie: 2018 Autori: 3 CoefM: 20 WOS:000440471800004 link	(20/3)	6.66
62	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Laser surface microstructuring of biocompatible materials using a microlens array and the Talbot effect: evaluation of the cell adhesion revista: Materials issn: 19961944 An Aparitie: 2017 Autori: 3 CoefM: 20 WOS:000395445800121 link	(20/3)	6.66
63	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Tantalum chemical vapor deposition on substrates from various materials revista: Inorganic Materials issn: 00201685 An Aparitie: 2017 Autori: 3 CoefM: 10 WOS:000410727000010 link	(10/3)	3.33
64	Titlu citat: Composition and structure variation for magnetron sputtered tantalum oxynitride thin films, as function of deposition parameters issn citat: 01694332 titlu: On the structural, morphological and electrical properties of tantalum oxy nitride thin films by varying oxygen percentage in reactive gases plasma revista: Chinese Journal of Physics issn:05779073 An Aparitie: 2017 Autori: 10 CoefM: 15 WOS:000407613000037 link	(15/10)	1.5
65	Titlu citat: Composition and structure variation for magnetron sputtered tantalum oxynitride thin films, as function of deposition parameters issn citat: 01694332 titlu: Optical band engineering of metal-oxynitride based on tantalum oxide thin film fabricated via reactive gas-timing RF magnetron sputtering revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2016 Autori: 10 CoefM: 20 WOS:000387526200066 link	(20/10)	2
66	Titlu citat: Composition and structure variation for magnetron sputtered tantalum oxynitride thin films, as function of deposition parameters issn citat: 01694332 titlu: Preparation of tantalum oxynitride thin film photocatalysts by reactive magnetron sputtering deposition under high substrate temperature revista: Research on Chemical Intermediates issn: 09226168 An Aparitie: 2017 Autori: 10 CoefM: 15 WOS:000407963300012 link	(15/10)	1.5

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67	Titlu citat: Composition and structure variation for magnetron sputtered tantalum oxynitride thin films, as function of deposition parameters issn citat: 01694332 titlu: Tantalum surface oxidation: Bond relaxation, energy entrapment, and electron polarization revista: Applied Surface Science issn: 01694332 An Aparitie: 2017 Autori: 10 CoefM: 20 WOS:000396223500022 link	(20/10)	2
68	Titlu citat: Mechanical properties of pulsed laser deposited nanocrystalline SiC films issn citat: 01694332 titlu: Microstructures and properties of titanium nitride films prepared by pulsed laser deposition at different substrate temperatures revista: Applied Surface Science issn:01694332 An Aparitie: 2015 Autori: 9 CoefM: 20 WOS:000366216900062 link	(20/9)	2.22
69	Titlu citat: Mechanical properties of pulsed laser deposited nanocrystalline SiC films issn citat: 01694332 titlu: Physical properties and microstructure performance of ultrafine nanocrystals reinforced laser 3D print microlaminates revista: Journal of Alloys and Compounds issn: 09258388 An Aparitie: 2015 Autori: 9 CoefM: 20 WOS:000357146300071 link	(20/9)	2.22
70	Titlu citat: Mechanical properties of pulsed laser deposited nanocrystalline SiC films issn citat: 01694332 titlu: Evaluation of microindentation properties of epitaxial 3C-SiC/Si thin films revista: Physica B: Condensed Matter issn: 09214526 An Aparitie: 2016 Autori: 9 CoefM: 15 WOS:000373195600014 link	(15/9)	1.66
71	Titlu citat: Mechanical properties of pulsed laser deposited nanocrystalline SiC films issn citat: 01694332 titlu: Analysis of instrumented scratch hardness and fracture toughness properties of laser surface alloyed tribological coatings revista: Ceramics International issn: 02728842 An Aparitie: 2018 Autori: 9 CoefM: 20 WOS:000424716200096 link	(20/9)	2.22
72	Titlu citat: Tantalum oxynitride thin films: Mechanical properties and wear behavior dependence on growth conditions issn citat: 02578972 titlu: Reactive-sputter-deposited β-Ta₂O₅ and TaON nanoceramic coatings on Ti-6Al-4V alloy against wear and corrosion damage revista: Surface and Coatings Technology issn: 02578972 An Aparitie: 2016 Autori: 6 CoefM: 20 WOS:000379278900022 link	(20/6)	3.33
73	Titlu citat: Tantalum oxynitride thin films: Mechanical properties and wear behavior dependence on growth conditions issn citat: 02578972 titlu: Optical band engineering of metal-oxynitride based on tantalum oxide thin film fabricated via reactive gas-timing RF magnetron sputtering revista: Surface and Coatings Technology issn: 02578972 An Aparitie: 2016 Autori: 6 CoefM: 20 WOS:000387526200066 link	(20/6)	3.33
74	Titlu citat: Tantalum oxynitride thin films: Mechanical properties and wear behavior dependence on growth conditions issn citat: 02578972 titlu: Surface roughening transition induced by phase transformation in hafnium nitride films	(20/6)	3.33

	revista: Surface and Coatings Technology issn: 02578972 An Aparitie: 2017 Autori: 6 CoefM: 20 WOS:000402215000069 link		
75	Titlu citat: Tantalum oxynitride thin films: Mechanical properties and wear behavior dependence on growth conditions issn citat: 02578972 titlu: Examination of various characteristics for sputtered tantalum oxide-nitride thin films deposited at various oxygen flowrates revista: Integrated Ferroelectrics issn:16078489 An Aparitie: 2017 Autori: 6 CoefM: 5 WOS:000423281400006 link	(5/6)	0.83
76	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Feasibility of polyethylene composites reinforced by distillers dried fibers with solubles (DDFS) after different generations of ethanol fermentation revista: RSC Advances issn: 20462069 An Aparitie: 2018 Autori: 9 CoefM: 20 WOS:000439323300039 link	(20/9)	2.22
77	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: New evaluation of interfacial and mechanical properties of thermally-treated Pine/CFRP composites using electrical resistance measurement revista: Composites Part B: Engineering issn: 13598368 An Aparitie: 2018 Autori: 9 CoefM: 20 WOS:000444927800013 link	(20/9)	2.22
78	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Investigation of biomass surface modification using non-thermal plasma treatment revista: Plasma Science and Technology issn: 20586272 An Aparitie: 2018 Autori: 9 CoefM: 15 WOS:000443827600002 link	(15/9)	1.66
79	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Novel engineered scrimber with outstanding dimensional stability from finely fluffed poplar veneers revista: Measurement issn: 02632241 An Aparitie: 2018 Autori: 9 CoefM: 20 WOS:000433238500038 link	(20/9)	2.22
80	Titlu citat: Investigations of pulsed laser deposited TiN thin films for titanium implants issn citat: 12211451 titlu: Investigation of corrosion behavior of polypyrrole-coated Ti using dynamic electrochemical impedance spectroscopy (DEIS) revista: RSC Advances issn: 20462069 An Aparitie: 2016 Autori: 8 CoefM: 20 WOS:000382539600115 link	(20/8)	2.5
81	Titlu citat: Investigations of pulsed laser deposited tin thin films for titanium implants issn citat: 12211451 titlu: Tribomechanical Properties of a Carbon-Based Nanolayer Prepared by Nitrogen Ion Beam Assisted Deposition for Finger Joint Replacements revista: Journal of Nanomaterials issn: 16874129 An Aparitie: 2018 Autori: 8 CoefM: 20 WOS:000434177900001 link	(20/8)	2.5
82	Titlu citat: Compositional, morphological and mechanical investigations of monolayer type coatings obtained by standard and reactive magnetron sputtering from Ti, TiB ₂ and WC issn citat: 01694332 titlu:	(15/11)	1.36

		Effect of power density on the microstructure and properties of titanium diboride thin films by radio frequency magnetron sputtering method revista: Thin Solid Films issn: 00406090 An Aparitie: 2018 Autori: 11 CoefM: 15 WOS:000441177500124 link		
83		Titlu citat: Compositional, morphological and mechanical investigations of monolayer type coatings obtained by standard and reactive magnetron sputtering from Ti, TiB ₂ and WC issn citat: 01694332 titlu: Scratch and wear behaviours of metallised Ti thin films deposited on Al ₂ O ₃ substrate revista: Applied Physics A issn: 09478396 An Aparitie: 2018 Autori: 11 CoefM: 15 WOS:000445855400001 link	(15/11)	1.36
84		Titlu citat: Calcium carbonate and wood reinforced hybrid PVC composites issn citat: 00218995 titlu: Impurity-free amorphous calcium carbonate, a preferential material for pharmaceutic and medical applications revista: European Journal of Mineralogy issn: 09351221 An Aparitie: 2019 Autori: 8 CoefM: 15 WOS:000468479000004 link	(15/8)	1.87
85		Titlu citat: Mechanical and wear characteristics of aC: H/Cr/AlN/Ti multilayer films deposited by PVD/PACVD issn citat: 02578972 titlu: Preparation and Properties of Nano-multilayer Films by Rotating Jet Electrodeposition revista: Int. J. Electrochem. Sci issn: 14523981 An Aparitie: 2018 Autori: 5 CoefM: 15 WOS:000428965800080 link	(15/5)	3
86		Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972 titlu: Hybrid high power impulse and radio frequency magnetron sputtering system for TiCrSiN thin film depositions: Plasma characteristics and film properties revista: Surface and Coatings Technology issn: 02578972 An Aparitie: 2018 Autori: 10 CoefM: 20 WOS:000446605000074 link	(20/10)	2
87		Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161 titlu: Zn-alloy provides a novel platform for mechanically stable bioresorbable vascular stents. revista: PLoS ONE issn: 19326203 An Aparitie: 2019 Autori: 10 CoefM: 20 WOS:000454683200038 link	(20/10)	2
88		Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Effects of zinc chloride–silicone oil treatment on wood dimensional stability, chemical components, thermal decomposition and its mechanism revista: Scientific Reports issn: 20452322 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000458017800069 link	(20/9)	2.22
89		Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X titlu: Effect of ion bombardment on the chemical properties of crystalline tantalum pentoxide films revista: Vacuum issn: 0042207X An Aparitie: 2019 Autori: 10 CoefM: 20 WOS:000470047600039 link	(20/10)	2

90	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: b-TaON thin films: production by reactive magnetron sputtering and the question of non-stoichiometry</p> <p>revista: Journal of Physics D: Applied Physics issn: 13616463 An Aparitie: 2019 Autori: 10 CoefM: 20 WOS:000468941700004 link</p>	(20/10)	2
91	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Observation of visible light activated photocatalytic degradation of stearic acid on thin films of tantalum oxynitride synthesized by aerosol assisted chemical vapour deposition</p> <p>revista: Dalton Transactions issn citeaza: 14779234 An Aparitie: 2019 Autori: 10 CoefM: 20 WOS:000476573300025 link</p>	(20/10)	2
92	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Plasma-enhanced chemical vapor deposition Ta₃N₅ synthesis leading to high current density during PEC oxygen evolution</p> <p>revista: Sustainable Energy & Fuels issn: 23984902 An Aparitie: 2020 Autori: 10 CoefM: 30 WOS:000534220100016 link</p>	(30/10)	3
93	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Spectroscopic study on amorphous tantalum oxynitride thin films prepared by reactive gas-timing RF magnetron sputtering</p> <p>revista: Applied Surface Science issn: 01694332 An Aparitie: 2019 Autori: 10 CoefM: 30 WOS:000489699700013 link</p>	(30/10)	3
94	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X</p> <p>titlu: Anapole Excitations in Oxygen-Vacancy-Rich TiO₂-x Nanoresonators: Tuning the Absorption for Photocatalysis in the Visible Spectrum</p> <p>revista: ACS Nano issn: 1936086X An Aparitie: 2020 Autori: 10 CoefM: 30 WOS:000518024700112 link</p>	(30/10)	3
95	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt-chromium stents issn citat: 17516161</p> <p>titlu: Bioresorbable zinc stent with ultra-thin center struts attenuates stent jail in porcine femoral artery bifurcations</p> <p>revista: Minimally Invasive Therapy & Allied Technologies issn: 13652931 An Aparitie: 2020 Autori: 10 CoefM: 15 WOS:000545530500001 link</p>	(15/10)	1.5
96	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt-chromium stents issn citat: 17516161</p> <p>titlu: Fatigue behavior of stent in tapered arteries: The role of arterial tapering and stent material</p>	(15/10)	1.5

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		revista: Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine issn: 20413033 An Aparitie: 2019 Autori: 10 CoefM: 15 WOS:000476061700001 link		
97		Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents issn citat: 17516161 titlu: Surface Morphology and Histopathological Aspects of Metallic Used Cardiovascular CoCr Stents revista: Metals issn: 20754701 An Aparitie: 2020 Autori: 10 CoefM: 20 WOS:000580557200001 link	(20/10)	2
98		Titlu citat: Properties of the thermally sprayed Al2O3–TiO2 coatings deposited on titanium substrate issn citat: 02634368 titlu: Optimization of microstructure and properties of composite coatings by laser cladding on titanium alloy revista: Ceramics International issn: 02728842 An Aparitie: 2020 Autori: 5 CoefM: 20 link	(20/5)	4
99		Titlu citat: Properties of the thermally sprayed Al2O3–TiO2 coatings deposited on titanium substrate issn citat: 02634368 titlu: Micrographic Properties of Composite Coatings Prepared on TA2 Substrate by Hot-Dipping in Al–Si Alloy and Using Micro-Arc Oxidation Technologies (MAO) revista: Coatings issn: 20796412 An Aparitie: 2020 Autori: 5 CoefM: 20 WOS:000534630600071 link	(20/5)	4
100		Titlu citat: Properties of the thermally sprayed Al2O3–TiO2 coatings deposited on titanium substrate issn citat: 02634368 titlu: Adhesion behavior of calcia–magnesia–alumino–silicates on gadolinia–yttria–stabilized zirconia composite thermal barrier coatings revista: Journal of Materials Research issn: 20445326 An Aparitie: 2020 Autori: 5 CoefM: 20 WOS:000569372400009 link	(20/5)	4
101		Titlu citat: Properties of the thermally sprayed Al2O3–TiO2 coatings deposited on titanium substrate issn citat: 02634368 titlu: Microstructure and mechanical properties of Ti–6Al–4V prepared by nickel preplating and electron beam surface remelting revista: Journal of Materials Processing Technology issn: 09240136 An Aparitie: 2019 Autori: 5 CoefM: 20 WOS:000471083400039 link	(20/5)	4
102		Titlu citat: Properties of the thermally sprayed Al2O3–TiO2 coatings deposited on titanium substrate issn citat: 02634368 titlu: Morphology and Wear Resistance of Composite Coatings Formed on a TA2 Substrate Using Hot-Dip Aluminising and Micro-Arc Oxidation Technologies revista: Materials issn: 19961944 An Aparitie: 2019 Autori: 5 CoefM: 20 WOS:000462543700115 link	(20/5)	4
103		Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Synthesis of silver nanoparticles with remedative potential using discarded yerba mate: An eco-friendly approach revista: Journal of Environmental Chemical Engineering issn: 22133437 An Aparitie: 2020 Autori: 8 CoefM: 20 link	(20/8)	2.5
104		Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332	(20/8)	2.5

	<p>titlu: Biogenic Metal Nanoparticles: A New Approach to Detect Life on Mars</p> <p>revista: Life issn: 20751729 An Aparitie: 2020 Autori: 8 CoefM: 20 WOS:000525040000008 link</p>		
105	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Microwave-assisted green synthesis of silver nanoparticles using dried extracts of Chlorella vulgaris and antibacterial activity studies</p> <p>revista: Green Processing and Synthesis issn: 21919550 An Aparitie: 2020 Autori: 8 CoefM: 15 WOS:000540489900001 link</p>	(15/8)	1.87
106	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: A flower shape-green synthesis and characterization of silver nanoparticles (AgNPs) with different starch as a reducing agent</p> <p>revista: Journal of Materials Research and Technology issn: 22387854 An Aparitie: 2020 Autori: 8 CoefM: 30 WOS:000579367500138 link</p>	(30/8)	3.75
107	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issncitat:01694332</p> <p>titlu: Optical and electrochemical studies of silver nanoparticles biosynthesized by Haplophyllum tuberculatum extract and their antibacterial activity in wastewater treatment</p> <p>revista: Materials Research Express issn: 20531591 An Aparitie: 2019 Autori: 8 CoefM: 15 WOS:000480299800016 link</p>	(15/8)	1.87
108	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Bioprospecting a native silver-resistant Bacillus safensis strain for green synthesis and subsequent antibacterial and anticancer activities of silver nanoparticles</p> <p>revista: Journal of Advanced Research issn: 20901232 An Aparitie: 2020 Autori: 8 CoefM: 30 WOS:000550190000015 link</p>	(30/8)	3.75
109	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Effect of TS-1 Crystal Planes on the Catalytic Activity of Au/TS-1 for Direct Propylene Epoxidation with H2 and O2</p> <p>revista: ACS Sustainable Chemistry & Engineering issn: 21680485 An Aparitie: 2020 Autori: 8 CoefM: 30 WOS:000541876900004 link</p>	(30/8)	3.75
110	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Synthesis, Characterization and Antimicrobial Activity of Bacillus subtilis-Derived Silver Nanoparticles Against Multidrug-Resistant Bacteria</p> <p>revista: Jundishapur Journal Of Microbiology issn: 20084161 An Aparitie: 2020 Autori: 8 CoefM: 10 WOS:000548619200004 link</p>	(10/8)	1.25

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111	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: New avenues of controlling microbial infections through anti-microbial and anti-biofilm potentials of green mono-and multi-metallic nanoparticles: A review revista: Journal of Microbiological Methods issn: 01677012 An Aparitie: 2019 Autori: 8 CoefM: 15 WOS:000501404200014 link</p>	(15/8)	1.87
112	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Roles of silver nanoparticles adsorbed ions and nanoparticles size in antimicrobial activity of biosynthesized silver nanoparticles revista: Materials Research Express issn:20531591 An Aparitie: 2019 Autori: 8 CoefM: 15 WOS:000516828900006 link</p>	(15/8)	1.87
113	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Facile fabrication of silver on magnetic nanocomposite (Fe3O4@Chitosan -AgNP nanocomposite) for catalytic reduction of anthropogenic pollutant and agricultural pathogens revista: International Journal of Biological Macromolecules issn: 01418130 An Aparitie: 2020 Autori: 8 CoefM: 30 WOS:000525795400099 link</p>	(30/8)	3.75
114	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Antibacterial and antioxidant activity of exopolysaccharide mediated silver nanoparticle synthesized by Lactobacillus brevis isolated from Chinese koumiss revista: Colloids and Surfaces B: Biointerfaces issn: 09277765 An Aparitie: 2020 Autori: 8 CoefM: 20 WOS:000518493000047 link</p>	(20/8)	2.5
115	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Interaction of Ionic Liquid with Silver Nanoparticles: Potential Application in Induced Structural Changes of Globular Proteins revista: ACS Sustainable Chemistry & Engineering issn: 21680485 An Aparitie: 2020 Autori: 8 CoefM: 30 WOS:000474474800008 link</p>	(30/8)	3.75
116	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: In-vitro antioxidant and antimicrobial activities of metal nanoparticles biosynthesized using optimized Pimpinella anisum extract revista: Colloids and Surfaces A: Physicochemical and Engineering Aspects issn: 09277757 An Aparitie: 2020 Autori: 8 CoefM: 20 WOS:000502046200087 link</p>	(20/8)	2.5

117	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Study of the green synthesis of silver nanoparticles using a natural extract of dark or white Salvia hispanica L. seeds and their antibacterial application</p> <p>revista: Applied Surface Science issn: 01694332 An Aparitie: 2019 Autori: 8 CoefM: 30 WOS:000474530600102 link</p>	(30/8)	3.75
118	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Metal-Based Nanostructures/PLGA Nanocomposites: Antimicrobial Activity, Cytotoxicity, and Their Biomedical Applications</p> <p>revista: ACS Applied Materials & Interfaces issn:19448252 An Aparitie: 2019 Autori: 8 CoefM: 30 WOS:000509428300001 link</p>	(30/8)	3.75
119	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Biogenic synthesis and antibacterial activity of controlled silver nanoparticles using an extract of Gongronema Latifolium</p> <p>revista: Materials Chemistry and Physics issn: 02540584 An Aparitie: 2019 Autori: 8 CoefM: 20 WOS:000489066200037 link</p>	(20/8)	2.5
120	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Biogenic Synthesis of Silver Nanoparticles Using Phyllanthus emblica Fruit Extract and Its Inhibitory Action Against the Pathogen Acidovorax oryzae Strain RS-2 of Rice Bacterial Brown Stripe</p> <p>revista: Frontiers in Microbiology issn: 1664302X An Aparitie: 2019 Autori: 8 CoefM: 20 WOS:000465855900003 link</p>	(20/8)	2.5
121	<p>Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332</p> <p>titlu: Advances in green synthesis of nanoparticles revista: Artificial Cells, Nanomedicine and Biotechnology issn: 2169141X An Aparitie: 2019 Autori: 8 CoefM: 20 WOS:000461434500001 link</p>	(20/8)	2.5
122	<p>Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn citat: 01694332</p> <p>titlu: Characterization of highly textured piezoelectric AlN films obtained from aluminum and ammonium chloride by a simple vapor deposition process</p> <p>revista: Thin Solid Films issn citeaza: 00406090 An Aparitie: 2019 Autori: 8 CoefM: 20 WOS:000470066500003 link</p>	(20/8)	2.5
123	<p>Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332</p>	(15/12)	1.25

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		titlu: Bixbyite-Ta ₂ N ₂ O film prepared by HiPIMS and postdeposition annealing: Structure and properties revista: Journal of Vacuum Science and Technology A issn: 15208559 An Aparitie: 2020 Autori: 12 CoefM: 15 WOS:000529406300001 link		
124		Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332 titlu: Observation of visible light activated photocatalytic degradation of stearic acid on thin films of tantalum oxynitride synthesized by aerosol assisted chemical vapour deposition revista: Dalton Transactions issn: 14779234 An Aparitie: 2019 Autori: 12 CoefM: 20 WOS:000476573300025 link	(20/12)	1.66
125		Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332 titlu: Spectroscopic study on amorphous tantalum oxynitride thin films prepared by reactive gas-timing RF magnetron sputtering revista: Applied Surface Science issn: 01694332 An Aparitie: 2019 Autori: 12 CoefM: 30 WOS:000489699700013 link	(30/12)	2.5
126		Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332 titlu: Investigation of Ta/NiI-WO ₃ /FTO Structures as a Semiconductor for the Future of Nanodevices revista: Journal of Nanoelectronics and Optoelectronics issn: 15551318 An Aparitie: 2019 Autori: 12 CoefM: 10 WOS:000480422700010 link	(10/12)	0.83
127		Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Sol-gel-assisted micro-arc oxidation synthesis and characterization of a hierarchically rough structured Ta-Sr coating for biomaterials revista: RSC Advances issn: 20462069 An Aparitie: 2020 Autori: 3 CoefM: 20 WOS:000541906600025 link	(20/3)	6.66
128		Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Structure and Properties of Tantalum Coatings Obtained by Electron Beam Technology on Aluminum Substrates revista: Applied Sciences issn: 20763417 An Aparitie: 2020 Autori: 3 CoefM: 20 WOS:000543385900074 link	(20/3)	6.66
129		Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Tantalum boride as a biocompatible coating to improve osteogenesis of the bionano interface revista: Journal of Biomedical Materials Research issn: 15524965 An Aparitie: 2020 Autori: 3 CoefM: 20 WOS:000524904000001 link	(20/3)	6.66
130		Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119	(30/3)	10

	<p>titlu: Development of stacked porous tantalum oxide layers by anodization</p> <p>revista: Applied Surface Science issn: 01694332 An Aparitie: 2020</p> <p>Autori: 3 CoefM: 30 WOS:000517883800021 link</p>		
131	<p>Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119</p> <p>titlu: Surface engineering of nanostructured Ta surface with incorporation of osteoconductive elements by anodization</p> <p>revista: Applied Surface Science issn: 01694332 An Aparitie: 2020</p> <p>Autori: 3 CoefM: 30 WOS:000486177700096 link</p>	(30/3)	10
132	<p>Titlu citat: Mechanical properties of pulsed laser deposited nanocrystalline SiC films issn citat: 01694332</p> <p>titlu: Surface engineering of Ni-Al coatings through concentrated solar heat treatment</p> <p>revista: Applied Surface Science issn: 01694332 An Aparitie: 2020</p> <p>Autori: 9 CoefM: 30 WOS:000512983600137 link</p>	(30/9)	3.33
133	<p>Titlu citat: Mechanical properties of pulsed laser deposited nanocrystalline SiC films issn citat: 01694332</p> <p>titlu: A review on C1s XPS-spectra for some kinds of carbon materials</p> <p>revista: Fullerenes, Nanotubes and Carbon Nanostructures issn: 15364046 An Aparitie: 2020 Autori: 9 CoefM: 15</p> <p>WOS:000550699300001 link</p>	(15/9)	1.66
134	<p>Titlu citat: Tantalum oxynitride thin films: Mechanical properties and wear behavior dependence on growth conditions issn citat: 02578972</p> <p>titlu: Bixbyite-Ta₂N₂O film prepared by HiPIMS and postdeposition annealing: Structure and properties</p> <p>revista: Journal of Vacuum Science and Technology A issn: 15208559 An Aparitie: 2020 Autori: 6 CoefM: 15</p> <p>WOS:000529406300001 link</p>	(15/6)	2.5
135	<p>Titlu citat: Tantalum oxynitride thin films: Mechanical properties and wear behavior dependence on growth conditions issn citat: 02578972</p> <p>titlu: Spectroscopic study on amorphous tantalum oxynitride thin films prepared by reactive gas-timing RF magnetron sputtering</p> <p>revista: Applied Surface Science issn: 01694332 An Aparitie: 2019 Autori: 6 CoefM: 30 WOS:000489699700013 link</p>	(30/6)	5
136	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Effects of zinc chloride-silicone oil treatment on wood dimensional stability, chemical components, thermal decomposition and its mechanism</p> <p>revista: Scientific Reports issn: 20452322 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000458017800069 link</p>	(20/9)	2.22
137	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Mold resistance of bamboo after laccase-catalyzed attachment of thymol and proposed mechanism of attachment</p> <p>revista: RSC Advances issn: 20462069 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000519586300041 link</p>	(20/9)	2.22

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138	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: X-ray Photoelectron Spectroscopy Analysis of Wood Degradation in Old Architecture</p> <p>revista: BioResources issn: 19302126 An Aparitie: 2020 Autori: 9 CoefM: 15 WOS:000555791100020 link</p>	(15/9)	1.66
139	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Properties of common tropical hardwoods for fretboard of string instruments</p> <p>revista: Journal of Wood Science issn: 16114663 An Aparitie: 2020 Autori: 9 CoefM: 15 WOS:000518504300001 link</p>	(15/9)	1.66
140	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Sustainable panels based on starch bioadhesives: An insight into structural and tribological performance revista: International Journal of Biological Macromolecules issn: 01418130 An Aparitie: 2020 Autori: 9 CoefM: 30 WOS:000522094600091 link</p>	(30/9)	3.33
141	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Preparation, Test, and Analysis of a Novel Aluminosilicate-Based Antimildew Agent Applied on the Microporous Structure of Wood</p> <p>revista: ACS Omega issn: 24701343 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000527748400008 link</p>	(20/9)	2.22
142	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Surface Properties of Pine Scrimber Panels with Varying Density</p> <p>revista: Coatings issn: 20796412 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000473753000052 link</p>	(20/9)	2.22
143	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Preparation of a Fast Water-Based UV Cured Polyurethane-Acrylate Wood Coating and the Effect of Coating Amount on the Surface Properties of Oak (Quercus alba L.)</p> <p>revista: Polymers issn: 20734360 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000489104300040 link</p>	(20/9)	2.22
144	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Mechanical Properties of Polyethylene Composites Filled with Willow (Salix babylonica L.) Bark-Boring Insect Dust</p> <p>revista: Journal of Biobased Materials and Bioenergy issn:15566579 An Aparitie: 2018 Autori: 9 CoefM: 15 WOS:000445248000006 link</p>	(15/9)	1.66
145	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Durability of the Exterior Transparent Coatings on Nano-Photostabilized English Oak Wood and Possibility of Its Prediction before Artificial Accelerated Weathering</p>	(20/9)	2.22

	revista: Nanomaterials issn: 20794991 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000502271700063 link		
146	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Investigation of biomass surface modification using non-thermal plasma treatment revista: Plasma Science and Technology issn: 20586272 An Aparitie: 2018 Autori: 9 CoefM: 15 WOS:000443827600002 link	(15/9)	1.66
147	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Modeling and simulation of heat-mass transfer and its application in wood thermal modification revista: Results in Physics issn: 22113797 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000476618700102 link	(20/9)	2.22
148	Titlu citat: Compositional, morphological and mechanical investigations of monolayer type coatings obtained by standard and reactive magnetron sputtering from Ti, TiB2 and WC issn citat: 01694332 titlu: Study on the wear resistance of graphene modified nanostructured Al2O3/TiO2 coatings revista: Applied Surface Science issn: 01694332 An Aparitie: 2019 Autori: 11 CoefM: 30 WOS:000489699700032 link	(30/11)	2.72
149	Titlu citat: Calcium carbonate and wood reinforced hybrid PVC composites issn citat: 00218995 titlu: PVC/rice straw/SDBS-modified graphene oxide sustainable Nanocomposites: Melt mixing process and electrical insulation characteristics revista: Composites Part A: Applied Science and Manufacturing issn: 1359835X An Aparitie: 2020 Autori: 8 CoefM: 30 WOS:000531081300012 link	(30/8)	3.75
150	Titlu citat: Calcium carbonate and wood reinforced hybrid PVC composites issn citat: 00218995 titlu: Formulation and characterization of new ternary stable composites: Polyvinyl chloride-wood flour- calcium carbonate of promising physicochemical properties revista: Journal of Materials Research and Technology issn: 22387854 An Aparitie: 2020 Autori: 8 CoefM: 30 link	(30/8)	3.75
151	Titlu citat: Calcium carbonate and wood reinforced hybrid PVC composites issn citat: 00218995 titlu: Mechanical enhancement of ripples and dimples in CaCO3/low-density unsaturated polyester resin composites revista: Materials Research Express issn: 20531591 An Aparitie: 2020 Autori: 8 CoefM: 15 WOS:000540274200001 link	(15/8)	1.87
152	Titlu citat: Calcium carbonate and wood reinforced hybrid PVC composites issn citat: 00218995 titlu: Green flotation of polyethylene terephthalate and polyvinyl chloride assisted by surface modification of selective CaCO3 coating revista: Journal of Cleaner Production issn: 09596526 An Aparitie: 2020 Autori: 8 CoefM: 30 WOS:000491240100068 link	(30/8)	3.75

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153	<p>Titlu citat: Calcium carbonate and wood reinforced hybrid PVC composites issn citat: 00218995</p> <p>titlu: The rockbridgeite group approved and a new member, ferrockbridgeite, $(\text{Fe}^{2+}, \text{Mn}^{2+})_2(\text{Fe}^{3+})_3(\text{PO}_4)_3(\text{OH})_4(\text{H}_2\text{O})$, described from the Hagendorf Süd pegmatite, Oberpfalz, Bavaria revista: European Journal of Mineralogy issn:16174011 An Aparitie: 2019 Autori: 8 CoefM: 15 WOS:000468479000017 link</p>	(15/8)	1.87
154	<p>Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972</p> <p>titlu: Improved film density for coatings at grazing angle of incidence in high power impulse magnetron sputtering with positive pulse revista: Thin Solid Films issn: 00406090 An Aparitie: 2020 Autori: 10 CoefM: 20 WOS:000550191300004 link</p>	(20/10)	2
155	<p>Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972</p> <p>titlu: Surface Morphology of Single and Multi-Layer Silicon Nitride Dielectric Nano-Coatings on Silicon Dioxide and Polycrystalline Silicon revista: Materials Science issn: 20297289 An Aparitie: 2020 Autori: 10 CoefM: 10 WOS:000496259500004 link</p>	(10/10)	1
156	<p>Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972</p> <p>titlu: Development of advanced hydrogenation processes for silicon solar cells via an improved understanding of the behaviour of hydrogen in silicon revista: Progress in Photovoltaics issn: 1099159X An Aparitie: 2020 Autori: 10 CoefM: 30 WOS:000506496300001 link</p>	(30/10)	3
157	<p>Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972</p> <p>titlu: Evidence of ion energy distribution shift in HiPIMS plasmas with positive pulse revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2019 Autori: 10 CoefM: 20 WOS:000478627100001 link</p>	(20/10)	2
158	<p>Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972</p> <p>titlu: Plasma parameters in positive voltage pulses of bipolar HiPIMS discharge determined by Langmuir probe with a sub-microsecond time resolution revista: Plasma Sources Science and Technology issn: 13616595 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000568418000001 link</p>	(20/9)	2.22
159	<p>Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972</p> <p>titlu: Effect of positive pulse voltage in bipolar reactive HiPIMS on crystal structure, microstructure and mechanical properties of CrN films revista: Surface and Coatings Technology issn: 02578972 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000532676600014 link</p>	(20/9)	2.22
160	<p>Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972</p> <p>titlu: Ion energy distributions at substrate in bipolar HiPIMS: effect of positive pulse delay, length and amplitude</p>	(20/9)	2.22

	revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000541901800001 link		
161	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Time-resolved diagnostics of a bipolar HiPIMS discharge revista: Journal of Applied Physics issn:00218979 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000537890100002 link	(20/9)	2.22
162	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: A poly-diagnostic study of bipolar high-power magnetron sputtering: role of electrical parameters revista: Journal of Physics D: Applied Physics issn:13616463 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000560656400001 link	(20/9)	2.22
163	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Effects of process parameters on optical characteristics of diamond-like carbon thin films deposited using high-power impulse magnetron sputtering revista: Thin Solid Films issn:00406090 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000490974900006 link	(20/9)	2.22
164	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Time-resolved Langmuir probe diagnostics of a bipolar high power impulse magnetron sputtering discharge revista: Applied Physics Letters issn: 00036951 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000538749400001 link	(20/9)	2.22
165	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Time-resolved optical emission spectroscopy of a unipolar and a bipolar pulsed magnetron sputtering discharge in an argon/oxygen gas mixture with a cobalt target revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000505707300001 link	(20/9)	2.22
166	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Bipolar high power impulse magnetron sputtering for energetic ion bombardment during TiN thin film growth without the use of a substrate bias revista: Thin Solid Films issn:00406090 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000485256500006 link	(20/9)	2.2
167	Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972 titlu: Physical vapor deposition technology for coated cutting tools: A review revista: Ceramics International issn: 02728842 An Aparitie: 2020 Autori: 6 CoefM: 20 WOS:000537564300001 link	(20/6)	3.33

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168	<p>Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972</p> <p>titlu: Effect of frequency and pulse-on time of high power impulse magnetron sputtering on deposition rate and morphology of titanium nitride using response surface methodology</p> <p>revista: Transactions of Nonferrous Metals Society of China issn: 10036326 An Aparitie: 2019 Autori: 6 CoefM: 20 WOS:000504875200013 link</p>	(20/6)	3.33
169	<p>Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972</p> <p>titlu: Mechanical and Tribological Properties of NbTi-NX and NbTi-N12-CH Coatings Prepared Using Radio Frequency Magnetron Sputtering and Their Application for Micro-drills</p> <p>revista: Journal of Materials Engineering and Performance issn:10599495 An Aparitie: 2020 Autori: 6 CoefM: 15 WOS:000533554700025 link</p>	(15/6)	2.5
170	<p>Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972</p> <p>titlu: Enhanced discharge and surface properties of TiSiCN coatings deposited by pulse-enhanced vacuum arc evaporation</p> <p>revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2020 Autori: 6 CoefM: 20 WOS:000590180600068 link</p>	(20/6)	3.33
171	<p>Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972</p> <p>titlu: Formation, tribological and corrosion properties of thicker Ti-N layer produced by plasma nitriding of titanium in a N2-NH3 mixture gas</p> <p>revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2020 Autori: 6 CoefM: 20 WOS:000532676600024 link</p>	(20/6)	3.33
172	<p>Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972</p> <p>titlu: Spectroscopic investigation on the near-substrate plasma characteristics of chromium HiPIMS in low density discharge mode</p> <p>revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2020 Autori: 6 CoefM: 20 WOS:000509888100001 link</p>	(20/6)	3.33
173	<p>Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972</p> <p>titlu: Effects of pulse power and argon flux flow rate on mechanical and tribological properties of diamond-like carbon coatings prepared using high power impulse magnetron sputtering technology</p> <p>revista: Thin Solid Films issn: 00406090 An Aparitie: 2020 Autori: 6 CoefM: 20 WOS:000501775900014 link</p>	(20/6)	3.33

174	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: Plasma parameters in positive voltage pulses of bipolar HiPIMS discharge determined by Langmuir probe with a sub-microsecond time resolution</p> <p>revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000568418000001 link</p>	(20/7)	2.85
175	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: A Strategy for Alleviating Micro Arcing during HiPIMS Deposition of DLC Coatings</p> <p>revista: Materials issn:19961944 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000524060200016 link</p>	(20/7)	2.85
176	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: High power impulse magnetron sputtering of diamond-like carbon coatings</p> <p>revista: Journal of Vacuum Science & Technology A issn:07342101 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000540518000002 link</p>	(20/7)	2.85
177	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: Effect of positive pulse voltage in bipolar reactive HiPIMS on crystal structure, microstructure and mechanical properties of CrN films</p> <p>revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000532676600014 link</p>	(20/7)	2.85
178	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: Ion energy distributions at substrate in bipolar HiPIMS: effect of positive pulse delay, length and amplitude</p> <p>revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000541901800001 link</p>	(20/7)	2.85
179	<p>Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Investigation of tantalum oxynitride for hard and anti-corrosive coating application in diluted hydrochloric acid solutions</p> <p>revista: Materials Today Communications issn:23524928 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000568679000005 link</p>	(20/9)	2.22
180	<p>Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: A green approach: scalable dry media synthesis of a b-TaON photocatalyst for solar H2 production and rhodamine B degradation</p> <p>revista: Sustainable Energy & Fuels issn: 23984902 An Aparitie: 2020 Autori: 9 CoefM: 30 WOS:000563991800027 link</p>	(30/9)	3.33
181	<p>Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Photocatalytic surfaces obtained through one-step thermal spraying of titanium</p>	(30/9)	3.33

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	revista: Applied Surface Science issn:01694332 An Aparitie: 2020 Autori: 9 CoefM: 30 WOS:000502040600179 link		
182	Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Bixbyite-Ta₂N₂O film prepared by HiPIMS and postdeposition annealing: Structure and properties revista: Journal of Vacuum Science and Technology A issn:15208559 An Aparitie: 2020 Autori: 9 CoefM: 15 WOS:000529406300001 link	(15/9)	1.66
183	Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Revisiting the materials and mechanism of metal oxynitrides for photocatalysis revista: International Journal of Hydrogen Energy issn:03603199 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000518869800017 link	(20/9)	2.22
184	Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: beta-TaON thin films: production by reactive magnetron sputtering and the question of non-stoichiometry revista: Journal of Physics D: Applied Physics issn:13616463 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000468941700004 link	(20/9)	2.22
185	Titlu citat: Synthesis Methods Of Metallic Nanoparticles-An Overview issn citat: 20652119 titlu: Silver nanoparticle from whole cells of the fungi Trichoderma spp. isolated from Brazilian Amazon revista: Biotechnology Letters issn:15736776 An Aparitie: 2020 Autori: 3 CoefM: 15 WOS:000515860400001 link	(15/3)	5
186	Titlu citat: Deposition temperature influence on the wear behaviour of carbon-based coatings deposited on hardened steel issn citat: 01694332 titlu: Diamond Deposition on Iron and Steel Substrates: A Review revista: Micromachines issn:2072666X An Aparitie: 2020 Autori: 17 CoefM: 20 WOS:000577799500001 link	(20/17)	1.17
187	Titlu citat: Evolution of the mechanical properties of Ti-based intermetallic thin films doped with different metals to be used as biomedical devices issn citat: 01694332 titlu: Evolution of chemical, structural, and mechanical properties of titanium nitride thin films deposited under different nitrogen partial pressure revista: Results in Physics issn:22113797 An Aparitie: 2020 Autori: 11 CoefM: 20 link	(20/11)	1.81
188	Titlu citat: Evolution of the mechanical properties of Ti-based intermetallic thin films doped with different metals to be used as biomedical devices issn citat: 01694332 titlu: Enhancing corrosion and mechanical properties of 304 stainless steel by depositing and annealing Zr₇₅Cu₂₅ thin-film metallic glass revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2020 Autori: 11 CoefM: 20 WOS:000566384800025 link	(20/11)	1.81

189	<p>Titlu citat: Mechanical properties and wear behavior of multi-layer diamond films deposited by hot-filament chemical vapor deposition issn citat: 01694332</p> <p>titlu: Structure of Diamond Films Grown Using High-Speed Flow of a Thermally Activated CH₄-H₂ Gas Mixture</p> <p>revista: Materials issn:19961944 An Aparitie:2020 Autori: 11 CoefM: 20 WOS:000515499300219 link</p>	(20/11)	1.81
190	<p>Titlu citat: Mechanical properties and wear behavior of multi-layer diamond films deposited by hot-filament chemical vapor deposition issn citat: 01694332</p> <p>titlu: Non-Invasive Estimation of Machining Parameters during End-Milling Operations Based on Acoustic Emission</p> <p>revista: Sensors issn:14248220 An Aparitie: 2020 Autori: 11 CoefM: 20 WOS:000580929700001 link</p>	(20/11)	1.81
191	<p>Titlu citat: Beryllium thin films deposited by thermionic vacuum arc for nuclear applications issn citat: 01694332</p> <p>titlu: Thermionic Vacuum Arc—A Versatile Technology for Thin Film Deposition and Its Applications</p> <p>revista: Coatings issn: 20796412 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000524211800016 link</p>	(20/9)	2.22
192	<p>Titlu citat: Beryllium thin films deposited by thermionic vacuum arc for nuclear applications issn citat: 01694332</p> <p>titlu: Multilayered models for determining the Youngs modulus of thin films by means of Impulse Excitation Technique</p> <p>revista: Mechanics of Materials issn: 01676636 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000488136000039 link</p>	(20/9)	2.22
193	<p>Titlu citat: An Experimental Study on Nano-Carbon Films as an Anti-Wear Protection for Drilling Tools issn citat: 20796412</p> <p>titlu: Influence of particulate on surface energy and mechanical property of diamond-like carbon films synthesized by pulsed laser deposition</p> <p>revista: Applied Surface Science issn: 01694332 An Aparitie: 2019 Autori: 10 CoefM: 30 WOS:000471830700130 link</p>	(30/10)	3
194	<p>Titlu citat: Characteristics of LaB₆ thin films grown by pulsed laser deposition issn citat: 07342101</p> <p>titlu: Lanthanum (oxy)boride thin films for thermionic emission applications</p> <p>revista: Applied Surface Science issn citeaza: 01694332 An Aparitie: 2019 Autori: 9 CoefM: 30 WOS:000464931800036 link</p>	(30/9)	3.33
195	<p>Titlu citat: Characteristics of LaB₆ thin films grown by pulsed laser deposition issn citat: 07342101</p> <p>titlu: Nanocrystalline lanthanum boride thin films by femtosecond pulsed laser deposition as efficient emitters in hybrid thermionic-photovoltaic energy converters</p> <p>revista: Applied Surface Science issn:01694332 An Aparitie: 2020 Autori: 9 CoefM: 30 WOS:000523184600069 link</p>	(30/9)	3.33
196	<p>Titlu citat: Hard TiC films grown by pulsed laser deposition issn citat: 37903796</p> <p>titlu: Tribological behaviors of TiSiC coating in seawater environment</p>	(15/8)	1.87

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	revista: Materials Research Express issn:20531591 An Aparitie: 2017 Autori: 8 CoefM: 15 WOS:000395793800001 link		
197	Titlu citat: Hard TiC films grown by pulsed laser deposition issn citat: 37903796 titlu: Laser surface treatment of pure titanium: Microstructural analysis, wear properties, and corrosion behavior of titanium carbide coatings in Hanks physiological solution revista: Surfaces and Interfaces issn: 24680230 An Aparitie: 2020 Autori: 8 CoefM: 20 WOS:000572920100008 link	(20/8)	2.5
198	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: The increased oxygen content in tantalum leads to decreased bioactivity and osteogenic ability of tantalum implants revista: Biomaterials Science issn: 20474849 An Aparitie: 2021 Autori: 3 CoefM: 30 WOS: 000620899200023 link	(30/3)	10
199	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Porous tantalum scaffolds: Fabrication, structure, properties, and orthopedic applications revista: Materials & Design issn: 0264-1275 An Aparitie: 2021 Autori: 3 CoefM: 30 WOS: 000697476800007 link	(30/3)	10
200	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Development of tantalum with highly hydrophilic surface and antimicrobial properties obtained by micro-arc oxidation process revista: Journal of Biomedical Materials Research part B issn: 15524973 An Aparitie: 2020 Autori: 3 CoefM: 20 WOS: 000583618100001 link	(20/3)	6.66
201	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Electrophoretic deposition of graphene oxide reinforced hydroxyapatite on the tantalum substrate for bone implant applications: In vitro corrosion and bio-tribological behavior revista: Surface and Coatings Technology issn: 2578972 An Aparitie: 2021 Autori: 3 CoefM: 20 WOS: 000697567600013 link	(20/3)	6.66
202	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Surface functionalization of selective electron beam melting pure tantalum by micro-arc oxidation revista: Surface and Coatings Technology issn: 2578972 An Aparitie: 2021 Autori: 3 CoefM: 20 WOS: 000718021000014 link	(20/3)	6.66
203	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119 titlu: Assessment of the Effects of Si Addition to a New TiMoZrTa System revista: Materials issn: 1996-1944 An Aparitie: 2021 Autori: 3 CoefM: 20 WOS: 000738296700001 link	(20/3)	6.66
204	Titlu citat: Tantalum based materials for implants and prostheses applications issn citat: 20652119	(10/3)	3.33

	<p>titlu: Analysis of Layer Composition Formed on Stainless Steel Substrates upon Chemical Vapor Deposition of Tantalum</p> <p>revista: Inorganic Materials: Applied Research issn: 20751133 An Aparitie: 2021 Autori: 3 CoefM: 10 WOS: 000662680900021 link</p>		
205	<p>Titlu citat: Synthesis Methods Of Metallic Nanoparticles-An Overview</p> <p>issn citat: 20652119</p> <p>titlu: Laser fabrication of Cu nanoparticles based nanofluid with enhanced thermal conductivity: Experimental and molecular dynamics studies</p> <p>revista: Journal of Molecular Liquids issn: 1677322 An Aparitie: 2021 Autori: 3 CoefM: 30 WOS: 000610844800074 link</p>	(30/3)	10
206	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters</p> <p>issn citat: 0042207X</p> <p>titlu: Evolution of the microstructure of sputter deposited TaAlON thin films with increasing oxygen partial pressure</p> <p>revista: Surface & Coatings Technology issn: 0257-8972 An Aparitie: 2021 Autori: 10 CoefM: 20 WOS: 000655581500021 link</p>	(20/10)	2
207	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt-chromium stents</p> <p>issn citat: 17516161</p> <p>titlu: Influence of fatigue stress on the radial strength of polymeric braided vascular stents</p> <p>revista: Polymers For Advanced Technologies issn: 1042-7147 An Aparitie: 2022 Autori: 10 CoefM: 20 WOS: 000714939700001 link</p>	(20/10)	2
208	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt-chromium stents</p> <p>issn citat: 17516161</p> <p>titlu: The effect of nanoparticles of cobalt-chromium on human aortic endothelial cells in vitro</p> <p>revista: Journal Of Applied Toxicology issn: 0260-437X An Aparitie: 2021 Autori: 10 CoefM: 20 WOS: 000647976000001 link</p>	(20/10)	2
209	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate</p> <p>issn citat: 02634368</p> <p>titlu: Fretting wear behaviour and frictional force mapping of Al₂O₃ based thermal barrier coatings</p> <p>revista: International Journal Of Refractory Metals & Hard Materials issn: 0263-4368 An Aparitie: 2021 Autori: 5 CoefM: 20 WOS: 000663405000006 link</p>	(20/5)	4
210	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate</p> <p>issn citat: 02634368</p> <p>titlu: Optimization of microstructure and properties of composite coatings by laser cladding on titanium alloy</p> <p>revista: Ceramics International issn: 02728842 An Aparitie: 2021 Autori: 5 CoefM: 20 WOS: 000597775800003 link</p>	(20/5)	4
211	<p>Titlu citat: Properties of the thermally sprayed Al₂O₃-TiO₂ coatings deposited on titanium substrate</p> <p>issn citat: 02634368</p> <p>titlu: Characterization and Corrosion Behavior Evaluation of Nanostructured TiO₂ and Al₂O₃-13 wt.%TiO₂ Coatings on Aluminum Alloy Prepared via High-Velocity Oxy-Fuel Spray</p> <p>revista: Journal Of</p>	(15/5)	3

	Materials Engineering And Performance issn: 1059-9495 An Aparitie: 2021 Autori: 5 CoefM: 15 WOS: 000605155400004 link		
212	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Bacillus-based nano-bioformulations for phytopathogens and insect-pest management revista: Egyptian Journal Of Biological Pest Control issn: 1110-1768 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000701267900001 link	(20/8)	2.5
213	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Biosynthesis of silver nanoparticles by Nocardiosis sp.-MW279108 and its antimicrobial activity revista: Journal Of Basic Microbiology issn: 0233-111X An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000695606500001 link	(20/8)	2.5
214	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Nano-Bio zinc synthesized by Bacillus subtilis modulates broiler performance, intestinal morphology and expression of tight junction's proteins revista: LIVESTOCK SCIENCE issn: 1871-1413 An Aparitie: 2021 Autori: 8 CoefM: 15 WOS: 000691527900004 link	(15/8)	1.87
215	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Bioinspired Nanomodification Strategies: Moving from Chemical-Based Agrosystems to Sustainable Agriculture revista: ACS NANO issn: 1936-0851 An Aparitie: 2021 Autori: 8 CoefM: 30 WOS: 000693105500011 link	(30/8)	3.75
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217	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Nano-Bio Selenium Synthesized by Bacillus subtilis Modulates Broiler Performance, Intestinal Morphology and Microbiota, and Expression of Tight Junction's Proteins revista: Biological Trace Element Research issn: 0163-4984 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000656772100001 link	(20/8)	2.5
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221	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Celluloses as support materials for antibacterial agents: a review revista: Cellulose issn: 0969-0239 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000615762900005 link	(20/8)	2.5
222	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Facile green bio-fabricated silver nanoparticles from Microchaete infer dose-dependent antioxidant and anti-proliferative activity to mediate cellular apoptosis revista: Bioorganic Chemistry issn: 0045-2068 An Aparitie: 2021 Autori: 8 CoefM: 30 WOS: 000618104300003 link	(30/8)	3.75
223	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Recent Development of Nanoparticle by Green-Conventional Methods and Applications for Corrosion and Fuel Cells revista: Current Nanoscience issn: 1573-4137 An Aparitie: 2021 Autori: 8 CoefM: 15 WOS: 000687889800003 link	(15/8)	1.87
224	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Bacteria Used for Metal Nanoparticles Synthesis - an Overview revista: Chemicke Listy issn: 0009-2770 An Aparitie: 2021 Autori: 8 CoefM: 5 WOS: 000685237500003 link	(5/8)	0.62
225	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Inhibition of microbial growth by silver nanoparticles synthesized from Fraxinus xanthoxyloides leaf extract revista: Journal Of Applied Microbiology issn: 1364-5072 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000598632500001 link	(20/8)	2.5
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231	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Facile preparation of water-proof paper with tunable surface properties for water/oil separation revista: Applied Surface Science issn: 0169-4332 An Aparitie: 2021 Autori: 9 CoefM: 30 WOS: 000691180300001 link	(30/9)	3.33
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237	<p>Titlu citat: Calcium carbonate and wood reinforced hybrid PVC composites issn citat: 00218995</p> <p>titlu: Sensitive characterizations of polyvinyl chloride using terahertz time-domain spectroscopy</p> <p>revista: Infrared Physics & Technology issn: 1350-4495 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS:000701650500004 link</p>	(20/8)	2.25
238	<p>Titlu citat: Calcium carbonate and wood reinforced hybrid PVC composites issn citat: 00218995</p> <p>titlu: Assessment of plastic lumber production in Brazil as a substitute for natural wood</p> <p>revista: Environment Development And Sustainability issn: 1387-585X An Aparitie: 2021 Autori: 8 CoefM: 20 WOS:000700995200002 link</p>	(20/8)	2.25
239	<p>Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972</p> <p>titlu: Silicon Nitride and Hydrogenated Silicon Nitride Thin Films: A Review of Fabrication Methods and Applications</p> <p>revista: Materials issn: 1996-1944 An Aparitie: 2021 Autori: 10 CoefM: 20 WOS: 000707038700001 link</p>	(20/10)	2
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241	<p>Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972</p> <p>titlu: An investigation of silicon nitride (Si₃N₄) nanoparticles interaction with neutrons</p> <p>revista: Modern Physics Letters B issn: 1793-6640 An Aparitie: 2021 Autori: 10 CoefM: 15 WOS: 000623654300003 link</p>	(15/10)	1.5
242	<p>Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972</p> <p>titlu: Examination of the Hydrogen Incorporation into Radio Frequency-Sputtered Hydrogenated Si_{Nx} Thin Films</p> <p>revista: Coatings issn: 2079-6412 An Aparitie: 2021 Autori: 10 CoefM: 20 WOS: 000610976100001 link</p>	(20/10)	2

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244	<p>Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Plasma wave after HIPIMS pulse: time-resolved diagnostic of HIPIMS copper plasma using a homemade Langmuir probe revista: Japanese Journal Of Applied Physics issn: 1347-4065 An Aparitie: 2022 Autori: 9 CoefM: 15 WOS: 000730648600001 link</p>	(15/9)	1.66
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247	<p>Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Plasma flux and energy enhancement in BP-HiPIMS discharge via auxiliary anode and solenoidal coil revista: Plasma Sources Science & Technology issn: 1361-6595 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000714219300001 link</p>	(20/9)	2.22
248	<p>Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: On the relationship between the plasma characteristics, the microstructure and the optical properties of reactively sputtered TiO2 thin films revista: Journal of Physics D: Applied Physics issn: 13616463 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000679100600001 link</p>	(20/9)	2.22
249	<p>Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Diagnosing asymmetric bipolar HiPIMS discharges using laser Thomson scattering revista: Plasma Sources Science & Technology issn: 1361-6595 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000714747600001 link</p>	(20/9)	2.22
250	<p>Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Copper thin films deposited using different ion acceleration strategies in HiPIMS revista: Surface & Coatings Technology issn: 1879-3347 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000685607200015 link</p>	(20/9)	2.22

251	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Optimizing the ion diffusion in bipolar-pulse HiPIMS discharge (BP-HiPIMS) via an auxiliary anode revista: Plasma Sources Science & Technology issn: 1361-6595 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000696687700001 link	(20/9)	2.22
252	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Direct current and high power impulse magnetron sputtering discharges with a positively biased anode revista: Journal Of Vacuum Science & Technology A issn: 1520-8559 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000665103800001 link	(20/9)	2.22
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255	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Surface Morphology and Sputtering Mechanism of Etched Areas of a Metallic Target by Magnetron Sputtering revista: Journal Of Electronic Materials issn: 1543-186X An Aparitie: 2021 Autori: 9 CoefM: 15 WOS: 000615132100001 link	(15/9)	1.66
256	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Pulse length selection for optimizing the accelerated ion flux fraction of a bipolar HiPIMS discharge revista: Plasma Sources Science & Technology issn: 1361-6595 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS: 000599800200001 link	(20/9)	2.22
257	Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972 titlu: On the relationship between the plasma characteristics, the microstructure and the optical properties of reactively sputtered TiO2 thin films revista: Journal Of Physics D-Applied Physics issn: 0022-3727 An Aparitie: 2021 Autori: 6 CoefM: 20 WOS: 000679100600001 link	(20/6)	3.33
258	Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972 titlu: Effects of duty cycle on microstructure of TiN coatings prepared using CAE/HiPIMS revista: Vacuum issn: 0042-207X An Aparitie: 2021 Autori: 6 CoefM: 20 WOS: 000695270200004 link	(20/6)	3.33

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259	<p>Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972</p> <p>titlu: Link between plasma properties with morphological, structural and mechanical properties of thin Ti films deposited by high power impulse magnetron sputtering</p> <p>revista: Surface & Coatings Technology issn: 0257-8972 An Aparitie: 2021 Autori: 6 CoefM: 20 WOS: 000655581500019 link</p>	(20/6)	3.33
260	<p>Titlu citat: Influence of ion-to-neutral flux ratio on the mechanical and tribological properties of TiN coatings deposited by HiPIMS issn citat: 02578972 titlu: Effects of Varying Power and Argon Gas Flux on Tribological Properties and High-Speed Drilling Performance of Diamond-Like Carbon Coatings Deposited using High-Power Impulse Magnetron Sputtering System revista: Journal of Materials Engineering and Performance issn:10599495 An Aparitie: 2020 Autori: 6 CoefM: 15 WOS: 000584400100008 link</p>	(15/9)	1.66
261	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: Plasma flux and energy enhancement in BP-HiPIMS discharge via auxiliary anode and solenoidal coil</p> <p>revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000714219300001 link</p>	(20/7)	2.85
262	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: On the relationship between the plasma characteristics, the microstructure and the optical properties of reactively sputtered TiO2 thin films</p> <p>revista: Journal Of Physics D-Applied Physics issn: 0022-3727 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000679100600001 link</p>	(20/7)	2.85
263	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: Diagnosing asymmetric bipolar HiPIMS discharges using laser Thomson scattering</p> <p>revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000714747600001 link</p>	(20/7)	2.85
264	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: Optimizing the ion diffusion in bipolar-pulse HiPIMS discharge (BP-HiPIMS) via an auxiliary anode</p> <p>revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000696687700001 link</p>	(20/7)	2.85
265	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: Bipolar HiPIMS: The role of capacitive coupling in achieving ion bombardment during growth of dielectric thin films</p> <p>revista: Surface & Coatings Technology issn: 0257-8972 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000655573400009 link</p>	(20/7)	2.85

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267	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: High Performance Power Supplies for Plasma Materials Processing</p> <p>revista: IEEE ACCESS issn: 2169-3536 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000619315400001 link</p>	(20/7)	2.85
268	<p>Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: Pulse length selection for optimizing the accelerated ion flux fraction of a bipolar HiPIMS discharge</p> <p>revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS: 000599800200001 link</p>	(20/7)	2.85
269	<p>Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Tantalum and its derivatives in orthopedic and dental implants: Osteogenesis and antibacterial properties</p> <p>revista: Colloids And Surfaces B-Biointerfaces issn: 0927-7765 An Aparitie: 2021 Autori: 9 CoefM: 30 WOS: 000702868500009 link</p>	(30/9)	3.33
270	<p>Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Solar-light-driven photocatalysis by Sb2S3/carbon based composites towards degradation of noxious organic pollutants</p> <p>revista: Materials Chemistry And Physics issn: 0254-0584 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000691196000003 link</p>	(20/9)	2.22
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272	<p>Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: An integrated approach to construct tantalum derivatives for electrocatalysis beyond the triiodide reduction reaction</p> <p>revista: Ceramics International issn: 0272-8842 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000674583700002 link</p>	(20/9)	2.22
273	<p>Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Evolution of the microstructure of sputter deposited TaAlON thin films with increasing oxygen partial pressure</p>	(20/9)	2.22

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274		Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Inhibiting photocatalytic electron-hole recombination by coupling MIL-125 (Ti) with chemically reduced, nitrogen-containing graphene oxide revista: Applied Surface Science issn: 0169-4332 An Aparitie: 2021 Autori: 9 CoefM: 30 WOS: 000608918300006 link	(30/9)	3.33
275		Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Experimental Investigation on the Sputtering Process for Tantalum Oxynitride Thin Films revista: Photonics issn: 2304-6732 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000622999300001 link	(20/9)	2.22
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277		Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Optical And Mass Spectra From Reactive Plasma At Magnetron Deposition Of Tantalum Oxynitride revista: Problems Of Atomic Science And Technology issn: 1562-6016 An Aparitie: 2021 Autori: 9 CoefM: 5 WOS: 000630432000026 link	(5/9)	0.55
278		Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Combinatorial Approach for Single-Crystalline TaON Growth: Epitaxial beta-TaON (100)/alpha-Al ₂ O ₃ (012) revista: ACS Applied Electronic Materials issn: 2637-6113 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS: 000595528400012 link	(20/9)	2.22
279		Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Preparation of Ta ₃ N ₅ Nanosheet by Nitridation of Monolayer Tantalum Oxide Nanosheet revista: Chemistryselect issn: 2365-6549 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS: 000590573600043 link	(20/9)	2.22
280		Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Three-Dimensional Ordered Macroporous TiO ₂ -TaOxNy Heterostructure for Photoelectrochemical Water Splitting revista: Journal Of Physical Chemistry C issn: 1932-7447 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS: 000589917300012 link	(20/9)	2.22
281		Titlu citat: Synthesis Methods Of Metallic Nanoparticles-An Overview issn citat: 20652119	(30/3)	10

cut

	<p>titlu: Laser fabrication of Cu nanoparticles based nanofluid with enhanced thermal conductivity: Experimental and molecular dynamics studies revista: Journal of Molecular Liquids issn: 1677322 An Aparitie: 2021 Autori: 3 CoefM: 30 WOS: 000610844800074 link</p>		
282	<p>Titlu citat: Deposition temperature influence on the wear behaviour of carbon-based coatings deposited on hardened steel issn citat: 01694332</p> <p>titlu: Deposition of diamond-like carbon coatings: Conventional to non-conventional approaches for emerging markets</p> <p>revista: Ceramics International issn: 0272-8842 An Aparitie: 2021 Autori: 17 CoefM: 20 WOS: 000693411600002 link</p>	(20/17)	1.17
283	<p>Titlu citat: Evolution of the mechanical properties of Ti-based intermetallic thin films doped with different metals to be used as biomedical devices issn citat: 01694332</p> <p>titlu: Effects of Cu Addition on Mechanical Behaviour, Microstructural Evolution and Anti-Corrosion Performance of TiAl-Based Intermetallic Alloy under Different Strain Rates</p> <p>revista: Materials issn: 1996-1944 An Aparitie: 2021 Autori: 11 CoefM: 20 WOS: 000695580700001 link</p>	(20/11)	1.81
284	<p>Titlu citat: Evolution of the mechanical properties of Ti-based intermetallic thin films doped with different metals to be used as biomedical devices issn citat: 01694332</p> <p>titlu: Study of Titanium-Silver Monolayer and Multilayer Films for Protective Applications in Biomedical Devices</p> <p>revista: Molecules issn: 1420-3049 An Aparitie: 2021 Autori: 11 CoefM: 20 WOS: 000690134600001 link</p>	(20/11)	1.81
285	<p>Titlu citat: Evolution of the mechanical properties of Ti-based intermetallic thin films doped with different metals to be used as biomedical devices issn citat: 01694332</p> <p>titlu: Evaluation of bias voltage-dependent mechanical properties of amorphous TiSi2 thin films on PEEK by nano-characterization techniques</p> <p>revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2021 Autori: 11 CoefM: 20 WOS: 000654045600048 link</p>	(20/11)	1.81
286	<p>Titlu citat: Evolution of the mechanical properties of Ti-based intermetallic thin films doped with different metals to be used as biomedical devices issn citat: 01694332</p> <p>titlu: Influence of the Silver Content on Mechanical Properties of Ti-Cu-Ag Thin Films</p> <p>revista: Nanomaterials issn: 2079-4991 An Aparitie: 2021 Autori: 11 CoefM: 30 WOS: 000622898100001 link</p>	(30/11)	2.72
287	<p>Titlu citat: Mechanical properties and wear behavior of multi-layer diamond films deposited by hot-filament chemical vapor deposition issn citat: 01694332</p> <p>titlu: A novel slurry for chemical mechanical polishing of single crystal diamond revista: Applied Surface Science issn: 0169-4332 An Aparitie:2021 Autori: 11 CoefM: 30 WOS: 000674580200005 link</p>	(30/11)	2.72

cut

288	<p>Titlu citat: Mechanical properties and wear behavior of multi-layer diamond films deposited by hot-filament chemical vapor deposition issn citat: 01694332 titlu: Improvement in the universality of high-performance CVD diamond coatings on different WC-Co substrates by introducing multilayered diamond/beta-SiC composite</p> <p>revista: Diamond And Related Materials issn: 0925-9635 An Aparitie:2021 Autori: 11 CoefM: 20 WOS: 000663582100005 link</p>	(20/11)	1.81
289	<p>Titlu citat: Mechanical properties and wear behavior of multi-layer diamond films deposited by hot-filament chemical vapor deposition issn citat: 01694332</p> <p>titlu: A novel method for in situ TEM measurements of adhesion at the diamond-metal interface</p> <p>revista: Scientific Reports issn: 2045-2322 An Aparitie:2021 Autori: 11 CoefM: 20 WOS: 000658818100001 link</p>	(20/11)	1.81
290	<p>Titlu citat: Mechanical properties and wear behavior of multi-layer diamond films deposited by hot-filament chemical vapor deposition issn citat: 01694332</p> <p>titlu: CVD synthesis of multi-layered polycrystalline diamond films with reduced roughness using time-limited injections of N-2 gas</p> <p>revista: Diamond And Related Materials issn: 0925-9635 An Aparitie:2021 Autori: 11 CoefM: 20 WOS: 000688437800008 link</p>	(20/11)	1.81
291	<p>Titlu citat: Mechanical properties and wear behavior of multi-layer diamond films deposited by hot-filament chemical vapor deposition issn citat: 01694332</p> <p>titlu: Control of Local Hardness Gradient of Metal Surface by Inclined Surface Treatment Using Ultrasonic Nanocrystal Surface Modification</p> <p>revista: International Journal Of Precision Engineering And Manufacturing-Green Technology issn: 2288-6206 An Aparitie:2021 Autori: 11 CoefM: 30 WOS: 000607507700005 link</p>	(30/11)	2.72
292	<p>Titlu citat: Mechanical properties and wear behavior of multi-layer diamond films deposited by hot-filament chemical vapor deposition issn citat: 01694332</p> <p>titlu: Load- and Size Effects of the Diamond Friction Coefficient at the Nanoscale revista: Tribology Letters issn: 1023-8883 An Aparitie:2020 Autori: 11 CoefM: 20 WOS: 000588074900001 link</p>	(20/11)	1.81
293	<p>Titlu citat: Beryllium thin films deposited by thermionic vacuum arc for nuclear applications issn citat: 01694332</p> <p>titlu: Optical and Nanomechanical Properties of C Coated BN Thin Film Deposited by Thermionic Vacuum Arc Technique</p> <p>revista: Ecs Journal Of Solid State Science And Technology issn: 2162-8769 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000710690600001 link</p>	(20/9)	2.22
294	<p>Titlu citat: An Experimental Study on Nano-Carbon Films as an Anti-Wear Protection for Drilling Tools issn citat: 20796412</p> <p>titlu: Study on the Tribological Behavior of Wear and Friction Coefficient on AISI M35 High-Speed Steel with and without DLC Coating</p>	(15/10)	1.5

	revista: Materials Research-Ibero-American Journal Of Materials issn: 1980-5373 An Aparitie: 2022 Autori: 10 CoefM: 15 WOS: 000718007300002 link		
295	Titlu citat: An Experimental Study on Nano-Carbon Films as an Anti-Wear Protection for Drilling Tools issn citat: 20796412 titlu: Expression of the Self-Sharpening Mechanism of a Roller Cone Bit during Wear Due to the Influence of the Erosion Protection Carbide Coating revista: COATINGS issn: 2079-6412 An Aparitie: 2021 Autori: 10 CoefM: 20 WOS: 000724406400001 link	(20/10)	2
296	Titlu citat: An Experimental Study on Nano-Carbon Films as an Anti-Wear Protection for Drilling Tools issn citat: 20796412 titlu: Carbon Nanomaterials: Synthesis, Functionalization and Sensing Applications revista: Nanomaterials issn: 2079-4991 An Aparitie: 2021 Autori: 10 CoefM: 30 WOS: 000643384900001 link	(30/10)	3
297	Titlu citat: An Experimental Study on Nano-Carbon Films as an Anti-Wear Protection for Drilling Tools issn citat: 20796412 titlu: Study on roughness and form errors linked with tool wear in the drilling process of an Al-Si alloy under high cutting speed using coated diamond-like carbon high-speed steel drill bits revista: Journal Of Manufacturing Processes issn: 2212-4616 An Aparitie: 2021 Autori: 10 CoefM: 30 WOS: 000616477300003 link	(30/10)	3
298	Titlu citat: Characterisation of EN 1.4136 stainless steel heat-treated in solar furnace issn citat: 02683768 titlu: Open volumetric air receiver: An innovative application and a major challenge revista: Wiley Interdisciplinary Reviews-Energy And Environment issn: 2041-8396 An Aparitie: 2021 Autori: 10 CoefM: 20 WOS: 000645380500001 link	(20/10)	2
299	Titlu citat: Characterisation of EN 1.4136 stainless steel heat-treated in solar furnace issn citat: 02683768 titlu: Optimization of furnace residence time and loading pattern during heat treatment of large size forgings revista: International Journal Of Advanced Manufacturing Technology issn: 0268-3768 An Aparitie: 2021 Autori: 10 CoefM: 20 WOS: 000620123800002 link	(20/10)	2
300	Titlu citat: Machining performance of hard-brittle materials by multi-layer micro-nano crystalline diamond coated tools issn citat: 22113797 titlu: Novel conversion annealing pretreatment for improved deposition of diamond coatings onto WC-Co cemented carbide revista: Journal Of Alloys And Compounds issn: 1873-4669 An Aparitie: 2022 Autori: 8 CoefM: 30 WOS: 000711199700001 link	(30/8)	3.75
301	Titlu citat: Machining performance of hard-brittle materials by multi-layer micro-nano crystalline diamond coated tools issn citat: 22113797 titlu: Multilayer Diamond Coatings Applied to Micro-End-Milling of Cemented Carbide revista: Materials issn: 1996-1944 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000666527100001 link	(20/8)	2.5
302	Titlu citat: Machining performance of hard-brittle materials by multi-layer micro-nano crystalline diamond coated tools issn citat: 22113797	(20/8)	2.5

cut

		titlu: Ex Situ Residual Stress Analysis of Chemical Vapor Deposited Diamond Coated Cutting Tools by Synchrotron X-Ray Diffraction in Transmission Geometry revista: Advanced Engineering Materials issn: 1527-2648 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000646246500001 link		
303		Titlu citat: Rolling bearing fault diagnosis based on adaptive smooth ITD and MF-DFA method issn citat: 20484046 titlu: A Comprehensive Diagnosis Method of Rolling Bearing Fault Based on CEEMDAN-DFA-Improved Wavelet Threshold Function and QPSO-MPE-SVM revista: Entropy issn: 1099-4300 An Aparitie: 2021 Autori: 5 CoefM: 20 WOS: 000700683100001 link	(20/5)	4
304		Titlu citat: Rolling bearing fault diagnosis based on adaptive smooth ITD and MF-DFA method issn citat: 20484046 titlu: A New Method Based on Time-Varying Filtering Intrinsic Time-Scale Decomposition and General Refined Composite Multiscale Sample Entropy for Rolling-Bearing Feature Extraction revista: Entropy issn: 1099-4300 An Aparitie: 2021 Autori: 5 CoefM: 20 WOS: 000642996800001 link	(20/5)	4
305		Titlu citat: Rolling bearing fault diagnosis based on adaptive smooth ITD and MF-DFA method issn citat: 20484046 titlu: An Enhanced Intrinsic Time-Scale Decomposition Method Based on Adaptive Levy Noise and Its Application in Bearing Fault Diagnosis revista: Symmetry-Basel issn: 2073-8994 An Aparitie: 2021 Autori: 5 CoefM: 20 WOS: 000643655800001 link	(20/5)	4
306		Titlu citat: Rolling bearing fault diagnosis based on adaptive smooth ITD and MF-DFA method issn citat: 20484046 titlu: Rolling Bearing Feature Extraction Method Based on Improved Intrinsic Time-Scale Decomposition and Mathematical Morphological Analysis revista: Applied Sciences-Basel issn: 2076-3417 An Aparitie: 2021 Autori: 5 CoefM: 20 WOS: 000645737600001 link	(20/5)	4
			TOTAL	838.39

3.1.2	Nr	Citări în reviste BDI	Formula	Punctaj
	1	Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat:0042207X titlu: Wybrane aspekty projektowania powłok PVD do różnych zastosowań (Selected aspects of PVD coatings design for various applications) revista: Inżynieria Powierzchni (Surface Engineering) issn citează:14261723 An Aparitie: 2015 Autori: 10 BDI: Index Copernicus	(3/10)	0.3
	2	Titlu citat: Compositional, morphological and mechanical investigations of monolayer type coatings obtained by standard and reactive magnetron sputtering from Ti, TiB2 and WC issn citat:01694332 titlu: The impact of magnetron source power on mechanical properties and phase composition of TiB2 coatings revista: Problemy Eksploatacji issn citeaza:1232-9312 An Aparitie: 2016 Autori:11 BDI: Index Copernicus	(3/11)	0.27

3	<p>Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332</p> <p>titlu: Effects of Annealing and Oxygen/Nitrogen Ratio on Transmittance of Copper Oxynitride Thin Films revista: International Journal of Thin Films Science and Technology issn citeaza: 2090-9527 An Aparitie: 2016 Autori:12 BDI: EBSCO</p>	(3/12)	0.25
TOTAL			0.82

3.3.1	Nr	Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice/Recenzor pentru reviste și manifestări științifice naționale și internaționale indexate ISI	Formula	Punctaj
		jurnal: Applied Surface Science issn: 01694332 Coef M:5 Perioada: 2014-2020	5	5
		jurnal: Surface & Coatings Technology issn: 02578972 CoefM:5 Perioada:2014-2020	5	5
		jurnal: PloS One issn:19326203 CoefM:5 Perioada:2018-2020	5	5
		jurnal: Arabian Journal For Science And Engineering issn: 2193567X CoefM:5 Perioada:2018-2020	5	5
		jurnal: Metals issn: 20754701 CoefM:5 Perioada:2019-2020	5	5
		jurnal: Coatings issn:20796412 CoefM:8 (Reviewer board) 2019-2020	8	8
		jurnal: ACS Combinatorial Science issn: 21568944 CoefM:5 Perioada:2019-2020	5	5
		jurnal: Materials Today: Proceedings issn:22147853 CoefM:5 Perioada:2019-2020	5	5
		jurnal: ACS Applied Materials & Interfaces issn:19448252 CoefM:5 Perioada:2019-2020	5	5
		jurnal: Colloids and Surfaces A: Physicochemical and Engineering Aspects issn:09277757 CoefM:5 Perioada:2019-2020	5	5
		jurnal: Applied Sciences issn: 20763417 CoefM:5 Perioada:2019-2020	5	5
		jurnal: Materials Research Express issn:20531591 CoefM:5 Perioada:2019-2020	5	5
		jurnal: Materials issn:19961944 CoefM:5 Perioada:2019-2020	5	5
		jurnal: Surface and Interface Analysis issn:10969918 CoefM:5 Perioada: 2020-2020	5	5
		jurnal: Materials Letters issn:0167577X CoefM:5 Perioada:2020-2020	5	5
		jurnal: Results in Physics issn:22113797 CoefM:5 Perioada: 2020-2020	5	5
		jurnal: Journal of Environmental Chemical Engineering issn: 22133437 CoefM:5 Perioada:2020-2020	5	5
		jurnal: Journal of Materials Science issn:15734803 CoefM:5 Perioada:2020-2020	5	5
		jurnal: Polymers issn:20734360 CoefM:5 Perioada:2020-2020	5	5

cf

	jurnal: Materials Today Communications issn:23524928 CoefM:5 Perioada:2020-2020	5	5
	jurnal: Surface Review And Letters issn: 1793-6667 CoefM:5 Perioada:2021-2021	5	5
	jurnal: Surface Topography-Metrology and Properties issn: 2051-672X CoefM:5 Perioada:2021-2021	5	5
	jurnal: Chemosphere issn: 0045-6535 CoefM:5 Perioada:2021-2021	5	5
	jurnal: Green Processing and Synthesis issn: 2191-9542 CoefM:5 Perioada:2021-2021	5	5
	jurnal: Wear issn:23524928 CoefM:5 Perioada: 0043-1648	5	5
	jurnal: World Journal Of Microbiology & Biotechnology issn: 0959-3993 CoefM:5 Perioada:2021-2021	5	5
	jurnal: Materials issn:19961944 CoefM:12 Perioada:2021-2022 (Guest Editor)	12	12
	TOTAL		145
3.3.2	Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice/Recenzor pentru reviste și manifestări științifice naționale și internaționale indexate BDI		
	jurnal: Processing and Application of Ceramics issn:24061034 BDI:Scopus CoefM:3 Perioada: 2016-2020	3	3
	jurnal: JNanoR issn:16619897 CoefM:3 Perioada: 2017-2020	3	3
	jurnal: Physics Open issn:26660326 BDI: INSPEC CoefM:3 P: 2019-2020	3	3
	TOTAL		9
3.6.4.2	Membru Asociații profesionale naționale		
	asociația: ATTR - Asociația Tehnică De Turnatorie Din România Perioada: 2019-2020	2	2
	TOTAL		2
3.6.5.1	Membru de conducere în organizații în domeniul educației și cercetării		
	organizație: Prodecan Facultatea S.I.M. Perioada: 2016-2022	10	10
	TOTAL		10
3.6.5.2	Membru în organizații în domeniul educației și cercetării		
	organizație: Membru consiliul Facultății S.I.M. Perioada: 2018-2022	2	2
	TOTAL		2
4.1	Indice Hirsch conform ISI Knowledge		
	Indice H ISI: 11	11	11
	TOTAL		11
4.2	Indice Hirsch conform Scopus		
	Indice H Scopus: 12	12	12
	TOTAL		12
4.3	Indice Hirsch conform Google Scholar		
	Indice H GS: 14	14	14
	TOTAL		14

Rezoluția Comisiei Științifice Ingineria Materialeor

1. Prof.dr.Daniel MUNTEANU
2. Prof.dr.Mircea Horia ȚIEREAN
3. Prof.dr.Teodor MACHEDON PISU

Standardele sunt indeplinite

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Semnătură