

FIȘA DE CALCUL

A ÎNDEPLINIRII STANDARDELOR MINIMALE, COMISIA INGINERIA MATERIALELOR

(conform Ordin 6129/2016 privind aprobarea standardelor minimale 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 minimale	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

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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 academie, 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 - Nanoengineered Biomaterials for Advanced Drug Delivery 1st Edition</i> 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: Metalurgia 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 (TixNy; TiB2/TixByNz; WC/WxCyNz)</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	(50x0.39)/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	(50x2.606)/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	(50x4.439)/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	(50x4.439)/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	(50x4.439)/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	(50x4.439)/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	(50x1.761)/9	10.18

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16	M Pătru, C Gabor, D Cristea , G Oncioiu, D Munteanu <i>Mechanical and wear characteristics of aC: H/Cr/AlN/Ti multilayer films deposited by PVD/PACVD</i> revista: Surface & Coatings Technology Vol 320, June 2017, Pag 284-292, issn: 02578972 An Aparitie: 2017 Autori: 5 WOS:000402215000048 link	(50x2.906)/5	31.92
17	Camelia Popescu, Daniel Cristea , Bogdan Bită, Rodica Cristescu, Doina Craciun, Georgiana Diana Chioibas, Catalin Luculescu, Irina Paun, Liviu Duta, Andrei C Popescu <i>An Experimental Study on Nano-Carbon Films as an Anti-Wear Protection for Drilling Tools</i> revista: Coatings 7(12), 228, issn:20796412 An Aparitie: 2017 Autori: 10 WOS:000419197100021 link	(50x2.35)/10	11.75
18	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 <i>Characterisation of EN 1.4136 stainless steel heat-treated in solar furnace</i> revista: The International Journal of Advanced Manufacturing Technology 101, pag 2955-2964, issn:02683768 An Aparitie: 2018 Autori: 14 WOS:000463669500060 link	(50x2.601)/14	9.28
19	Ioana Ghiuță, Daniel Cristea* , Catalin Croitoru, Joseph Kost, Rodica Wenkert, Ioannis Vyrides, Andreas Anayiotos, Daniel Munteanu. <i>Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species</i> revista: Applied Surface Science Vol 438, April 2018, Pag 66-73, issn: 01694332 An Aparitie: 2018 Autori: 8 Autor Principal WOS:000425731200009 link	(50x4.439)/8	32.21
20	Catalin Croitoru, Cosmin Spirchez, Aurel Lunguleasa, Daniel Cristea , Ionut Claudiu Roata, Mihai Alin Pop, Tibor Bedo, Elena Manuela Stanciu, Alexandru Pascu. <i>Surface properties of thermally treated composite wood panels</i> revista: Applied Surface Science Vol 438, April 2018, Pag 114-126, issn: 01694332 An Aparitie: 2018 Autori: 9 WOS:000425731200013 link	(50x4.439)/9	28.63
21	L Cunha, M Apreutesei, C Moura, E Alves, NP Barradas, D Cristea* <i>In-situ XRD vs ex-situ vacuum annealing of tantalum oxynitride thin films: Assessments on the structural evolution</i> revista: Applied Surface Science Vol 438, April 2018, Pag 14-19 issn: 01694332 An Aparitie: 2018 Autori: 6 Autor Principal WOS:000425731200003 link	(50x4.439)/6	42.95
22	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. <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> revista: Revista de Chimie (Bucharest) 69. No. 5 2018, Pag 1050-1054, issn: 25375733 An Aparitie: 2018 Autori: 15 WOS:000434954100004 link	(50x1.412)/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	(50x1.901)/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	(50x2.906)/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	(50x1.34)/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	(50x2.906)/6	26.6
27	D Feldiorean, D Cristea , M Tierean, 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	(50x4.439)/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	(50x2.906)/9	17.73
29	Guangyu Yan, Yuhou Wu, Daniel Cristea , Feng Lu, Yibao Wang, Dehong Zhao, Mircea Tierean, 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	(50x2.147)/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 Stefanoiu, Mirela Maria Codescu, Eugen Manta, Delia Patroi, Monica	(50x2.467)/18	8.25

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	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	(50x1.704)/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	(50x4.439)/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	(50x3.504)/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	(50x5.155)/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	(50x5.155)/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	(50x5.155)/11	23.43
37	Ioan Milosan, Monica Florescu, Daniel Cristea , Ionelia Voiculescu, Mihai Alin Pop, Inmaculada Cañadas, José Rodriguez, Cristina Aurica Bogatu, Tibor Bedo.	(50x2.972)/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 Negrila, 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 In 2 S 3 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

		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	(50×0.1/8)	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	(50×0.1/7)	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	(50×0.1/4)	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	(50×0.1/8)	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	I Ghiuta, D Cristea, D Tint, D Munteanu <i>Surface modification of metallic biomaterials used as medical implants and prostheses</i> revista: Bulletin of the Transilvania University of Brasov. Engineering Sciences. Series I Vol. 8 (57) No. 2 – 2015, Pag 159-164 BDI: ProQuest issn:2065-2119 An Aparitie: 2015 Autori: 4 link	(50×0.08/4)	1
	2	D Cristea, I Ghiuta, D Munteanu. <i>Tantalum Based Materials For Implants And Prostheses Applications</i>	(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 Crişan. <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 Ursuţiu, 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 Crişan, 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 Miloşan. <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 Ghiuţă, 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

cut

		BDI: IOP Science An Aparitie: 2018 Autori: 4 link		
11	T Bedó, 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

			TOTAL	60
2.4.1.2	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

		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 Ta_{1-x}O_x 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

	<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: <i>Surface and Coatings Technology</i> 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: <i>Surface and Coatings Technology</i> 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: <i>Applied Physics A</i> 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: <i>Ceramics International</i> 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: <i>Surface and Coatings Technology</i> 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: <i>Integrated Ferroelectrics</i> 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: <i>Journal of Physics D: Applied Physics</i> 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

53	Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn citat: 01694332 titlu: Low-RF-power growth of InN thin films by plasma-assisted reactive evaporation with a localized ion source revista: Materials Chemistry and Physics issn: 02540584 An Aparitie: 2017 Autori: 8 CoefM: 20 WOS:000409150800048 link	(20/8)	2.5
54	Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn citat: 01694332 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	(20/8)	2.5
55	Titlu citat: Structural, mechanical and piezoelectric properties of polycrystalline AlN films sputtered on titanium bottom electrodes issn citat: 01694332 titlu: Stress-free deposition of [001] preferentially oriented titanium thin film by Kaufman ion-beam source revista: Thin Solid Films issn:00406090 An Aparitie: 2017 Autori: 8 CoefM: 15 WOS:000411775900008 link	(15/8)	1.87
56	Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332 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 revista: International Journal of Hydrogen Energy issn:03603199 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000397685800051 link	(20/12)	1.66
57	Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering 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: 12 CoefM: 10 WOS:000407613000037 link	(10/12)	0.83
58	Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering 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: 12 CoefM: 20 WOS:000387526200066 link	(20/12)	1.66
59	Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332	(5/12)	0.41

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	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: <i>Surface and Coatings Technology</i> 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: <i>Integrated Ferroelectrics</i> 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: <i>RSC Advances</i> 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: <i>Composites Part B: Engineering</i> 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: <i>Plasma Science and Technology</i> 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: <i>Measurement</i> 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: <i>RSC Advances</i> 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: <i>Journal of Nanomaterials</i> 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, TiB₂ 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 pharmaceuic 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/AIN/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:000444660500074 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 remediative 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

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	<p>titlu: Biogenic Metal Nanoparticles: A New Approach to Detect Life on Mars revista: <i>Life</i> 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 titlu: Microwave-assisted green synthesis of silver nanoparticles using dried extracts of <i>Chlorella vulgaris</i> and antibacterial activity studies revista: <i>Green Processing and Synthesis</i> 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 titlu: A flower shape-green synthesis and characterization of silver nanoparticles (AgNPs) with different starch as a reducing agent revista: <i>Journal of Materials Research and Technology</i> 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 titlu: Optical and electrochemical studies of silver nanoparticles biosynthesized by <i>Haplophyllum tuberculatum</i> extract and their antibacterial activity in wastewater treatment revista: <i>Materials Research Express</i> 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 titlu: Bioprospecting a native silver-resistant <i>Bacillus safensis</i> strain for green synthesis and subsequent antibacterial and anticancer activities of silver nanoparticles revista: <i>Journal of Advanced Research</i> 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 titlu: Effect of TS-1 Crystal Planes on the Catalytic Activity of Au/TS-1 for Direct Propylene Epoxidation with H₂ and O₂ revista: <i>ACS Sustainable Chemistry & Engineering</i> 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 titlu: Synthesis, Characterization and Antimicrobial Activity of <i>Bacillus subtilis</i>-Derived Silver Nanoparticles Against Multidrug-Resistant Bacteria revista: <i>Jundishapur Journal Of Microbiology</i> 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</p> <p>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</p> <p>CoefM: 20 WOS:000519586300041 link</p>	(20/9)	2.22

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138	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: X-ray Photoelectron Spectroscopy Analysis of Wood Degradation in Old Architecture revista: BioResources issn: 19302126 An Aparitie: 2020 Autori: 9 CoefM: 15 WOS:000555791100020 link	(15/9)	1.66
139	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Properties of common tropical hardwoods for fretboard of string instruments revista: Journal of Wood Science issn: 16114663 An Aparitie: 2020 Autori: 9 CoefM: 15 WOS:000518504300001 link	(15/9)	1.66
140	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 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	(30/9)	3.33
141	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Preparation, Test, and Analysis of a Novel Aluminosilicate-Based Antimildew Agent Applied on the Microporous Structure of Wood revista: ACS Omega issn: 24701343 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000527748400008 link	(20/9)	2.22
142	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Surface Properties of Pine Scrimber Panels with Varying Density revista: Coatings issn: 20796412 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000473753000052 link	(20/9)	2.22
143	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 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.) revista: Polymers issn: 20734360 An Aparitie: 2019 Autori: 9 CoefM: 20 WOS:000489104300040 link	(20/9)	2.22
144	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Mechanical Properties of Polyethylene Composites Filled with Willow (Salix babylonica L.) Bark-Boring Insect Dust revista: Journal of Biobased Materials and Bioenergy issn:15566579 An Aparitie: 2018 Autori: 9 CoefM: 15 WOS:000445248000006 link	(15/9)	1.66
145	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Durability of the Exterior Transparent Coatings on Nano-Photostabilized English Oak Wood and Possibility of Its Prediction before Artificial Accelerated Weathering	(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	Titlu citat: Calcium carbonate and wood reinforced hybrid PVC composites issn citat: 00218995 titlu: The rockbridgeite group approved and a new member, ferrockbridgeite, $(Fe^{2+}, Mn^{2+})_2(Fe^{3+})_3(PO_4)_3(OH)_4(H_2O)$, 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	(15/8)	1.87
154	Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972 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	(20/10)	2
155	Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972 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	(10/10)	1
156	Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972 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	(30/10)	3
157	Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972 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	(20/10)	2
158	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 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	(20/9)	2.22
159	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 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	(20/9)	2.22
160	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Ion energy distributions at substrate in bipolar HiPIMS: effect of positive pulse delay, length and amplitude	(20/9)	2.22

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	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

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174	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 revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000568418000001 link	(20/7)	2.85
175	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 revista: Materials issn:19961944 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000524060200016 link	(20/7)	2.85
176	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 revista: Journal of Vacuum Science & Technology A issn:07342101 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000540518000002 link	(20/7)	2.85
177	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 revista: Surface and Coatings Technology issn:02578972 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000532676600014 link	(20/7)	2.85
178	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 revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS:000541901800001 link	(20/7)	2.85
179	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 revista: Materials Today Communications issn:23524928 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS:000568679000005 link	(20/9)	2.22
180	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 revista: Sustainable Energy & Fuels issn: 23984902 An Aparitie: 2020 Autori: 9 CoefM: 30 WOS:000563991800027 link	(30/9)	3.33
181	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	(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

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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

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	<p>titlu: Analysis of Layer Composition Formed on Stainless Steel Substrates upon Chemical Vapor Deposition of Tantalum 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 issn citat: 20652119 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>	(30/3)	10
206	<p>Titlu citat: Properties of tantalum oxynitride thin films produced by magnetron sputtering: The influence of processing parameters issn citat: 0042207X titlu: Evolution of the microstructure of sputter deposited TaAlON thin films with increasing oxygen partial pressure 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 issn citat: 17516161 titlu: Influence of fatigue stress on the radial strength of polymeric braided vascular stents 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 issn citat: 17516161 titlu: The effect of nanoparticles of cobalt-chromium on human aortic endothelial cells in vitro 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 issn citat: 02634368 titlu: Fretting wear behaviour and frictional force mapping of Al₂O₃ based thermal barrier coatings 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 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: 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 issn citat: 02634368 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 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 Nocardioopsis 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
216	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Production and analysis of capsules containing microorganisms consortiated for future application in petroleum bioremediation revista: Biodegradation issn: 0923-9820 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000671528200001 link	(20/8)	2.5
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
218	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Plant-Mediated Synthesis and Characterization of Silver and Copper Oxide Nanoparticles: Antibacterial and Heavy Metal Removal Activity revista: Journal Of Cluster Science issn: 1040-7278 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000655849400001 link	(20/8)	2.5
219	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat:	(20/8)	2.5

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	01694332 titlu: Polysaccharide-based substrate for surface-enhanced Raman spectroscopy revista: Spectrochimica Acta Part A-Molecular And Biomolecular Spectroscopy issn: 1386-1425 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000609024100023 link		
220	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Transformation of Biowaste for Medical Applications: Incorporation of Biologically Derived Silver Nanoparticles as Antimicrobial Coating revista: Antibiotics-Basel issn: 2079-6382 An Aparitie: 2021 Autori: 8 CoefM: 20 WOS: 000633293200001 link	(20/8)	2.5
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
226	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Characterization of biosynthesized silver nanoparticles by Haplophyllum tuberculatum plant extract under microwave irradiation and detecting their antibacterial activity against some wastewater microbes revista: Desalination And Water Treatment issn: 1944-3994 An Aparitie: 2020 Autori: 8 CoefM: 15 WOS: 000558661500027 link	(15/8)	1.87

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227	Titlu citat: Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species issn citat: 01694332 titlu: Bacterial synthesis of nanoparticles: A green approach revista: Biosystems Diversity issn: 2519-8513 An Aparitie: 2018 Autori: 8 CoefM: 10 WOS: 000528277400002 link	(10/8)	1.25
228	Titlu citat: Development of tantalum oxynitride thin films produced by PVD: Study of structural stability issn citat: 01694332 titlu: The sputter-based synthesis of tantalum oxynitride nanoparticles with architecture and bandgap controlled by design revista: Applied Surface Science issn: 0169-4332 An Aparitie: 2021 Autori: 7 CoefM: 30 WOS: 000655646200005 link	(30/7)	4.28
229	Titlu citat: Structure dependent resistivity and dielectric characteristics of tantalum oxynitride thin films produced by magnetron sputtering issn citat: 01694332 titlu: Anticorrosive Behavior Enhancement of Stainless Steel 304 through Tantalum-Based Coatings: Role of Coating Morphology revista: Journal Of Materials Engineering And Performance issn: 1059-9495 An Aparitie: 2021 Autori: 12 CoefM: 15 WOS: 000619716700003 link	(15/12)	1.25
230	Titlu citat: Tantalum oxynitride thin films: Mechanical properties and wear behavior dependence on growth conditions issn citat: 02578972 titlu: Effects of the tantalum intermediate layer on the nanomechanical properties and biocompatibility of nanostructured tantalum/tantalum nitride bilayer coating deposited by magnetron sputtering on the nickel titanium alloy revista: Applied Nanoscience issn: 21905509 An Aparitie: 2021 Autori: 6 CoefM: 20 WOS: 000643589500001 link	(20/6)	3.33
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
232	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: A simple, effective and inhibitor-free thermal treatment for enhancing mold-proof property of bamboo scrimber revista: European Journal Of Wood And Wood Products issn: 0018-3768 An Aparitie: 2021 Autori: 9 CoefM: 15 WOS: 000617821300001 link	(15/9)	1.66
233	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Fourier-Transform Infrared Spectroscopy Analysis of the Changes in Chemical Composition of Wooden Components: Part II-The Ancient Building of Danxia Temple revista: Forest Products Journal issn: 0015-7473 An Aparitie: 2021 Autori: 9 CoefM: 10 WOS: 000696201200011 link	(10/9)	1.11
234	Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332 titlu: Highly Hydrophobic and Self-Cleaning Heat-Treated Larix spp. Prepared by TiO₂ and ZnO Particles onto Wood Surface revista: COATINGS issn: 2079-6412 An Aparitie: 2020 Autori: 9 CoefM: 20 WOS: 000584163000001 link	(20/9)	2.22

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235	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Fourier-Transform Infrared Spectroscopy Analysis of the Changes in Chemical Composition of Wooden Components in the Ancient Building of Xichuan Guild Hall</p> <p>revista: Forest Products Journal issn: 0015-7473 An Aparitie: 2020 Autori: 9 CoefM: 15 WOS: 000665394800006 link</p>	(15/9)	1.66
236	<p>Titlu citat: Surface properties of thermally treated composite wood panels issn citat: 01694332</p> <p>titlu: Gaseous Decomposition Products from Wood Degradation via Thermogravimetric and Fourier Transform Infrared Analysis during Thermal Modification of Beech and Pine Woods</p> <p>revista: Bioresources issn: 1930-2126 An Aparitie: 2019 Autori: 9 CoefM: 15 WOS: 000478803800018 link</p>	(15/9)	1.66
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
240	<p>Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972</p> <p>titlu: Neutron-alpha reactions in nano alpha-Si₃N₄ particles by neutrons</p> <p>revista: Modern Physics Letters A issn: 1793-6632 An Aparitie: 2021 Autori: 10 CoefM: 20 WOS: 000685791000004 link</p>	(20/10)	2
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

243	Titlu citat: HiPIMS deposition of silicon nitride for solar cell application issn citat: 02578972 titlu: Hybrid Metamaterial Textiles for Passive Personal Cooling Indoors and Outdoors revista: ACS Applied Polymer Materials issn: 2637-6105 An Aparitie: 2020 Autori: 10 CoefM: 20 WOS: 000592755800006 link	(20/10)	2
244	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	(15/9)	1.66
245	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Influence of Carbon Nanowalls on Copper Deposition for Electrostatic Conductive Coatings revista: Coatings issn: 2079-6412 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000724109200001 link	(20/9)	2.22
246	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Afterglow dynamics of plasma potential in bipolar HiPIMS discharges revista: Plasma Sources Science & Technology issn: 1361-6595 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000723857100001 link	(20/9)	2.22
247	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	(20/9)	2.22
248	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	(20/9)	2.22
249	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	(20/9)	2.22
250	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	(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
253	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: Bipolar HiPIMS: The role of capacitive coupling in achieving ion bombardment during growth of dielectric thin films revista: Surface & Coatings Technology issn: 1879-3347 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000655573400009 link	(20/9)	2.22
254	Titlu citat: Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering issn citat: 02578972 titlu: A positively biased external anode for energy control of plasma ions: hollow cathode and magnetron sputtering discharge revista: Plasma Sources Science & Technology issn: 1361-6595 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS:000560656400001 link	(20/9)	2.22
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	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: Link between plasma properties with morphological, structural and mechanical properties of thin Ti films deposited by high power impulse magnetron sputtering revista: Surface & Coatings Technology issn: 0257-8972 An Aparitie: 2021 Autori: 6 CoefM: 20 WOS: 000655581500019 link	(20/6)	3.33
260	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	(15/9)	1.66
261	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 revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000714219300001 link	(20/7)	2.85
262	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 revista: Journal Of Physics D-Applied Physics issn: 0022-3727 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000679100600001 link	(20/7)	2.85
263	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 revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000714747600001 link	(20/7)	2.85
264	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 revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000696687700001 link	(20/7)	2.85
265	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 revista: Surface & Coatings Technology issn: 0257-8972 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000655573400009 link	(20/7)	2.85

266	Titlu citat: Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS issn citat: 01694332 titlu: Electrodeposition and microstructure of Ni and B co-doped diamond-like carbon (Ni/B-DLC) films revista: Surface & Coatings Technology issn: 0257-8972 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000604583200105 link	(20/7)	2.85
267	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 revista: IEEE ACCESS issn: 2169-3536 An Aparitie: 2021 Autori: 7 CoefM: 20 WOS: 000619315400001 link	(20/7)	2.85
268	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 revista: Plasma Sources Science and Technology issn:13616595 An Aparitie: 2020 Autori: 7 CoefM: 20 WOS: 000599800200001 link	(20/7)	2.85
269	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 revista: Colloids And Surfaces B-Biointerfaces issn: 0927-7765 An Aparitie: 2021 Autori: 9 CoefM: 30 WOS: 000702868500009 link	(30/9)	3.33
270	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 revista: Materials Chemistry And Physics issn: 0254-0584 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000691196000003 link	(20/9)	2.22
271	Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Polyurethane sponge modified by alginate and activated carbon with abilities of oil absorption, and selective cationic and anionic dyes clean-up revista: Journal Of Cleaner Production issn: 0959-6526 An Aparitie: 2021 Autori: 9 CoefM: 30 WOS: WOS:000687207100007 link	(30/9)	3.33
272	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 revista: Ceramics International issn: 0272-8842 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000674583700002 link	(20/9)	2.22
273	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	(20/9)	2.22

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	revista: Surface & Coatings Technology issn: 0257-8972 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000655581500021 link		
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
276	Titlu citat: Tantalum oxynitride thin films: Assessment of the photocatalytic efficiency and antimicrobial capacity issn citat: 20794991 titlu: Orthorhombic Ta ₃ -xN ₅ -yO _y thin films grown by unbalanced magnetron sputtering: The role of oxygen on structure, composition, and optical properties revista: Surface & Coatings Technology issn: 0257-8972 An Aparitie: 2021 Autori: 9 CoefM: 20 WOS: 000604750600025 link	(20/9)	2.22
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

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	<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

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

cut

	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-Sharpener 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

cd

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 Asociatii profesionale nationale		
	asociatia: ATTR - Asociatia 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		
	organizatie: Prodecan Facultatea S.I.M. Perioada: 2016-2022	10	10
		TOTAL	10
3.6.5.2	Membru în organizații în domeniul educației și cercetării		
	organizatie: 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

Rezolutia 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