



Fişa de calcul a Standardelor minime necesare şi obligatorii pentru conferirea titlurilor didactice în învăţământul superior (conferenţiar)  
Comisia de INGINERIA MATERIALELOR (OMENCS nr. 6129/20.12.2016)

Camelia GABOR, Universitatea Transilvania din Braşov, Facultatea de Ştiinţa şi Ingineria Materialelor, Departamentul Ştiinţa Materialelor

A1 Activitatea didactică şi profesională

Tip Criteriu	Criteriu / Descriere	Formula	Punctaj
1.1	<b>Carti/capitole ca autor nationale</b>		
Nr. de pag./ (5xnr.aut)	C. Gabor, D. Munteanu, A. Munteanu, <i>Straturi subtiri cu rol decorativ obtinute prin depunere fizica din vapor</i> , Editura Universitatii Transilvania din Brasov, ISBN:978-973-598-742-8, 2010 Nr autori:3, NrPagini:159, AutorPrincipal:DA	159/(5*3)	10.6
	C. Gabor, D. Cristea, M. Axente, <i>Compactarea izostatică a straturilor subtiri obtinute prin pulverizare termica</i> , Editura Printech, ISBN:978-606-23-0988-6, 2019, NrAutori:3, NrPagini:319, AutorPrincipal:DA	319/(5*3)	21.26
1.2	<b>Manuale didactice/monografii, inclusiv electronice</b>		
Nr. de pag./ (10xnr.aut)	C. Gabor, I. Popescu, <i>Managementul proiectelor - manual destinat studentilor de la profile ingineresti</i> , Editura Printech ISBN:978-606-23-0996-1, 2019, NrAutori:2 NrPagini:150 AutorPrincipal:DA	150/(10*2)	7.5000
TOTAL			39.36



A2. Activitatea de cercetare (A2)

2.1.1	Articole în reviste cotate ISI		
50xX/nr.aut ori (pentru reviste X=FI al revistei pentru articole în volume X=Q,1	titlu: Multi-scale mechanical investigation of stainless steel and cobalt-chromium stents autori: Kapnisis, K.; Constantinides, G.; Georgiou, H.; Cristea, D.; Gabor, C.; Munteanu, D.; Brott, B.; Anderson, P.; Lemons, J.; Anayiotos, A.; Journal of the Mechanical Behavior of Biomedical Materials, issn:17516161 AnAparitie:2014 Autori:10, FI=3,239, WOS:000345468700024 <a href="https://doi.org/10.1016/j.jmbbm.2014.09.010">https://doi.org/10.1016/j.jmbbm.2014.09.010</a>	(50*3.239)/ 10	17.4250
	titlu:Friction and wear behaviours of Ti(C,O,N) dark decorative coatings autori: Munteanu, D.; Gabor, C.; Constantin, DG; Varga, B.; Adochite, R; Andrei, OC; Chappé, JM; Cunha, L; Moura, C; Vaz, F; revista:Tribology International, issn:0301679X AnAparitie:2011 Autori:10 FI=3.246, WOS:000291140900009 <a href="https://doi.org/10.1016/j.triboint.2011.02.004">https://doi.org/10.1016/j.triboint.2011.02.004</a>	(50*3.246)/ 10	17.5850
	titlu:Tribological characterisation of magnetron sputtered Ti(C, O, N) thin films autori: C. Olteanu (Gabor), D. Munteanu, C. Ionescu, A. Munteanu, J.M. Chappe, L. Cunha, F. Vazrevista: Int. J. Materials and Product Technology issn:17415209 AnAparitie:2010 Autori:7 AutorPrincipal:DA, FI=0,282, WOS:000281373100016 <a href="http://www.inderscience.com/info/inarticle.php?artid=34270">http://www.inderscience.com/info/inarticle.php?artid=34270</a>	(50*0.282)/ 7	2.0140
	titlu: Deposition temperature influence on the wear behaviour of carbon - based coatings deposited on hardened steel autori: D.Feldiorean, D.Cristea, M.Tierean, C.Croitoru, C.Gabor, L.Jakab-Farkas, L.Cunha, N.P.Barradas, E.Alves, V.Craciun, A.Marin, C.Moura, J.Leme, M.Socol, D.Graciun, M.Cosnita, D.Munteanu, revista: Applied Surface Science issn:01694332 AnAparitie:2019 Autori:17 AutorPrincipal:DA, FI=4,439 <a href="https://doi.org/10.1016/j.apsusc.2019.01.028">https://doi.org/10.1016/j.apsusc.2019.01.028</a> WOS:000458482100090	(50*4.439)/ 17	15.1620
	titlu:Evolution of the mechanical properties of Ti-based intermetallic thin films doped with different metals to be used as biomedical devices autori: C.Lopes, C.Gabor, D.Cristea, R.Costa, R.P.Domingues, M.S.Rodrigues, J.Borges, E.Alves, N.P.Barradas, D.Munteanu, F.Vaz, revista:Applied Surface Science issn:01694332 AnAparitie:2020 Autori:11, AutorPrincipal:DA, FI=5,155, Accession no: CCC: 000510846500142 <a href="https://doi.org/10.1016/j.apsusc.2019.144617">https://doi.org/10.1016/j.apsusc.2019.144617</a>	(50*5.155)/ 9	23.4310



<p>titlu:Ti-Zr-Si-Nb Nanocrystalline Alloys and Metallic Glasses: Assessment on the Structure, Thermal Stability, Corrosion and Mechanical Properties          autori: C. Gabor, D. Cristea, I-L. Velicu, T. Bedo, A. Gatto, E. Bassoli, B. Varga, M.A. Pop, V. Geanta, R. Stefanioiu, M.M. Codescu, E. Manta, D. Patroi, M. Florescu, S.I. Munteanu, I. Ghiuta, N. Lupu, D. Munteanu, revista:Materials - MDPI issn:19961944 AnAparitie:2019 Autori:18          AutorPrincipal:DA, FI=2,972, WOS:000469757500192  <a href="https://www.mdpi.com/1996-1944/12/9/1551">https://www.mdpi.com/1996-1944/12/9/1551</a></p>	(50*2.972)/ 18	8.2550
<p>titlu:Influence of composition and structural properties in the tribological behaviour of magnetron sputtered          autori: Munteanu, D; Ionescu, C; Olteanu (Gabor), C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; Ti-Si-C nanostructured thin films, prepared at low temperature revista:Wear issn:00431648 AnAparitie:2010 Autori:8, FI=2,96, WOS:000274167200024  <a href="https://doi.org/10.1016/j.wear.2009.10.001">https://doi.org/10.1016/j.wear.2009.10.001</a></p>	(50*2.96)/8	18.4380
<p>titlu:Properties changes of Ti(C,O,N) films prepared by PVD: the effect of reactive gases partial pressure          autori: I. Cunha, C. Moura, F. Vaz, J.M. Chappé, C. Olteanu (Gabor), D. Munteanu, A. Munteanu, revista:Journal of Optoelectronics and Advanced Materials issn:18417132 AnAparitie:2009 Autori:7, FI=0,536, WOS:000269052100011  <a href="http://joam.inoe.ro/index.php?option=magazine&amp;op=view&amp;idu=1986&amp;catid=40">http://joam.inoe.ro/index.php?option=magazine&amp;op=view&amp;idu=1986&amp;catid=40</a></p>	(50*0.563)/ 7	4.0210
<p>titlu:The influence of the deposition conditions on the mechanical properties of Ti(C,O,N) thin films obtained by sputtering process, autori: C.Olteanu (Gabor), A. Munteanu, D. Munteanu, B. Borcea, F. Vaz, L. Cunha, revista:Metallurgia International issn:15822214 AnAparitie:2009 Autori:6 AutorPrincipal:true  <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=X2VIINSBk3882IDmWPV&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=X2VIINSBk3882IDmWPV&amp;page=1&amp;doc=2</a></p>	(50*0.173)/ 6	1.4410
<p>titlu:Mechanical properties of the nanocomposite Ti-Si-n thin films deposited by magnetron sputtering using a HIPIMS/DC pulsed device, autori: B. Borcea, A. Munteanu, D. Munteanu, C. Olteanu (Gabor), A. Guillemont, D. Klein, revista:Metallurgia International issn:15822214 AnAparitie:2009 Autori:6  <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=5&amp;SID=X2VIINSBk3882IDmWPV&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=5&amp;SID=X2VIINSBk3882IDmWPV&amp;page=1&amp;doc=1</a></p>	(50*0.173)/ 6	1.4410





<p>titlu:Functional behaviour of TiO<sub>2</sub> films doped with noble metals          autori: M.S. Rodriguez, J. Borges, C. Gabor, D. Munteanu, M. Apreutesei, P. Steyer, C. Lopes, P. Pedrosa, E. Alves, N.P. Barradas, L. Cunha, D. Martinez-Martinez, F. Vaz, revista:Surface Engineering          issn:17432944 AnAparitie:2016 Autori:13, FI=1.081, WOS:000377214900002  <a href="https://doi.org/10.1179/1743294415Y.0000000085">https://doi.org/10.1179/1743294415Y.0000000085</a></p>	(50*1.081)/ 13	4.1570
<p>titlu:Mechanical and wear characteristics of a-C:H/Cr/AlN/Ti multilayer films deposited by PVD/PACVD          autori: Pătru, M; Gabor, C; Cristea, D; Oncioiu, G; Munteanu, D; revista: SURFACE &amp; COATINGS TECHNOLOGY issn:02578972 AnAparitie:2017 Autori:5, FI=2.906, WOS:000402215000048  <a href="https://doi.org/10.1016/j.suricoat.2016.12.109">https://doi.org/10.1016/j.suricoat.2016.12.109</a></p>	(50*2.906)/ 5	31.9200
<p>titlu: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          autori: 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, revista:Revista de chimie issn:25375733 AnAparitie:2018 Autori:15, FI=1.412, WOS:000434954100004  <a href="https://www.revistadechimie.ro/pdf/4%20MILOSAN%20%2018.pdf">https://www.revistadechimie.ro/pdf/4%20MILOSAN%20%2018.pdf</a></p>	(50*1.412)/ 15	4.7060
<p>titlu:Characterisation of EN 1.4136 stainless steel heat-treated in solar furnace          autori: 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 &amp; Gheorghe Oancea, revista:The International Journal of Advanced Manufacturing Technology issn:02683768 AnAparitie:2018 Autori:14, FI=2.601, WOS:000463668600060  <a href="https://link.springer.com/article/10.1007/s00170-018-3153-9">https://link.springer.com/article/10.1007/s00170-018-3153-9</a></p>	(50*2.601)/ 14	9.2890
<p>titlu:Metastable Al-Si-Ni Alloys for Additive Manufacturing: Structural Stability and Energy Release during Heating          autori: T. Bedo, B. Varga, D. Cristea, A. Nitoi, A. Gatto, e. Basoli, G. Bulai, I-L Velicu, I. Ghiuta, S.I. Munteanu, M.A. Pop, C. Gabor, M. Cosnita, L. Piru, D. Munteanu, revista:Metals issn:20754701 AnAparitie:2019 Autori:15, FI=2.259, WOS:000478818700002  <a href="https://doi.org/10.3390/met9050483">https://doi.org/10.3390/met9050483</a></p>	(50*2.259)/ 15	7.5300



	<p>titlu:Tantalum Oxynitride Thin Films: Assessment of the Photocatalytic Efficiency and Antimicrobial Capacity            autori: D. Cristea, L. Cunha, C. Gabor, I. Ghiuta, C. Croitoru, A. Marin, L. Velicu, A. Besleaga, B. Vasile,            revista:Nanomaterials - MDPI issn:20794991 AnAparitie:2019 Autori:9, FI=4.034  <a href="https://doi.org/10.3390/nano9030476">https://doi.org/10.3390/nano9030476</a> Accession No: CCC:000464450100003</p>	(50*4.034)/ 9	22.4110
	<p>titlu:Surface engineering of Ni-Al coatings through concentrated solar heat treatment            autori: L.C. Roata, C. Croitoru, A. Pascu, E.M. Stanciu, I. Hulka, I. Petre, C. Gabor, D. Patroiu, B-G. Sbarcea,            revista:Applied Surface Science issn:01694332 AnAparitie:2020 Autori:9, FI=5.155  <a href="https://doi.org/10.1016/j.apsusc.2019.144185">https://doi.org/10.1016/j.apsusc.2019.144185</a></p>	(50*5.155)/ 9	28.6380
		TOTAL	217.8640
2.1.2	Articole indexate ISI Proceeding		
	<p>Autori: D. Munteanu, T. Bedo, M.A. Pop, I. Milosan, C. Gabor, I. Ghiuta, S. Munteanu, D. Cristea,            titlu:Influential parameters on the inductive quenching technology for large bearing rings revista:Metal            2018 conferinta:Metal 2018 issn:1234567 AnAparitie:2018 Autori:8            WOS:000461832200124  <a href="http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=172&amp;SID=D37F8DB6ramZAJLqMw&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=172&amp;SID=D37F8DB6ramZAJLqMw&amp;page=1&amp;doc=1</a></p>	(50*0.1/8)	0.6250
	<p>Autori:S. Munteanu, D. Munteanu, B. Gheorghiu, T. Bedo, C. Gabor, P. Cremascoli, F. Alemani, M. A. Pop.            titlu:Additively manufactured femoral stem topology optimization: case study revista:Materials Today Proceedings conferinta:Bramat 2019 issn:22147853 AnAparitie:2019 Autori:8  <a href="https://doi.org/10.1016/j.matpr.2019.08.016">https://doi.org/10.1016/j.matpr.2019.08.016</a> WOS:000496428200017</p>	(50*0.1/8)	0.6250
	<p>Autori: C. Gabor, M. A. Pop, D. Magli, T. Bedo, S.I. Munteanu, D. Munteanu, titlu:The optimization of the production procedure in relation to the mechanical properties of additively manufactured parts revista:Materials Today Proceedings conferinta:Bramat 2019 issn:22147853 AnAparitie:2019 Autori:6 WOS:000496428200015  <a href="https://doi.org/10.1016/j.matpr.2019.08.014">https://doi.org/10.1016/j.matpr.2019.08.014</a></p>	(50*0.1/6)	0.8330
		TOTAL	2.0830



2.2	Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale		
50xX/nn.aut ori X=0,08	Autori: Camelia Gabor, titlu: Literature review on TaN thin films structure revista: Revista Metalurgia BDI: Scopus issn: 04619579 AnAparitie: 2014 Autori: 1	(50*0.08/1)	4.0000
	Autori: Camelia Gabor, titlu: Determining thin films adherence by scratch test revista: Revista Metalurgia BDI: Scopus issn: 04619579 AnAparitie: 2013 Autori: 1	(50*0.08/1)	4.0000
	Autori: Camelia Gabor, Daniel Munteanu, titlu: Corrosion behavior of black decorative thin films revista: Revista Metalurgia BDI: Scopus issn: 04619579 AnAparitie: 2012 Autori: 2	(50*0.08/2)	2.0000
	Autori: R.C. Adochite, D. Munteanu, C. Gabor, M. Torrell, J.M. Chappe, L. Cunha, F. Vaz titlu: Correlations between Deposition Conditions, Structure and Properties of ZrN <sub>x</sub> Thin Films produced by Reactive DC Magnetron Sputtering revista: Tratamente termice si Ingineria suprafetelor BDI: Google Scholar issn: 12215678 AnAparitie: 2010 Autori: 7	(50*0.08/7)	0.5710
	Autori: D. Munteanu, C. Gabor, titlu: LEAN MANUFACTURING – A SUCCESS KEY INSIDE OF A INDUSTRIAL COMPANY revista: Recent, vol 8 BDI: Index Copernicus Journal Master, ULRICH'S Periodicals Directory, Open Access Scholarly Resources issn: ISSN 1582-0246 AnAparitie: 2007 Autori: 2 <a href="http://www.recentonline.ro/021/Munteanu_D_02b-R21.pdf">http://www.recentonline.ro/021/Munteanu_D_02b-R21.pdf</a>	(50*0.08/2)	2.0000
	Autori: C. Gabor, D. Munteanu, titlu: A SHORT OVERVIEW ON SIX SIGMA revista: Bulletin of the Transilvania University of Brasov, Vol. 3 (52) Series I: Engineering Sciences BDI: EBSCO issn: 2065-2119 AnAparitie: 2010 Autori: 2 <a href="https://intranet.unitbv.ro/Portals/0/UserFiles/User62509/Gabor_C_Six_Sigma.pdf">https://intranet.unitbv.ro/Portals/0/UserFiles/User62509/Gabor_C_Six_Sigma.pdf</a>	(50*0.08/2)	2.0000
	Autori: D. Munteanu, C. Gabor, I. Munteanu, A. Schreiner, titlu: POSSIBILITIES FOR INCREASING EFFICIENCY OF INDUSTRIAL EQUIPMENTS revista: Bulletin of the Transilvania University of Brasov, Vol. 3 (52) Series I: Engineering Sciences BDI: EBSCO issn: 2065-2119 AnAparitie: 2010 Autori: 4 <a href="http://webbut.unitbv.ro/bu2010/Series%20I/BULETIN%20I%20PDF/Materials%20Science%20and%20Engineering/Munteanu%200.pdf">http://webbut.unitbv.ro/bu2010/Series%20I/BULETIN%20I%20PDF/Materials%20Science%20and%20Engineering/Munteanu%200.pdf</a>	(50*0.08/4)	1.0000





	titlu_art:THE INFLUENCE OF INDUCTION HARDENING PROCESS PARAMETERS ON THE PROPERTIES OF 50CrMo4 STEEL revista:Buletin of the Transilvania University of Brasov, Series I: Engineering Sciences BDI:EBSCO issn:2065-2119 AnAparitie:2017 Autori:7 <a href="https://www.scientific.net/MSF.941.1585">https://www.scientific.net/MSF.941.1585</a>	(50*0.08/7)	0.5710
		TOTAL	16.4750
<b>2.4.1.1</b>	<b>Granturi/proiecte internationale castigate prin competitie</b>		
20 x ani de desfășurare	titlu:Properties changes in Ti-based intermetallic thin films after thermal treatment using concentrated solar radiation. finantator: UNIUNEA EUROPEANA (HORIZON 2020 - SFERA III) nr ctr: SURPF1904050040 (SFERA III no. B23802) perioada:2019, Valoare grant:1069 EUR, ani desfasurare:1 <a href="https://sfera3.sollab.eu/transnational-access-activities/">https://sfera3.sollab.eu/transnational-access-activities/</a>	20*1	20.0000
		TOTAL	20.0000
<b>2.4.1.2</b>	<b>Granturi/proiecte nationale castigate prin competitie</b>		
	titlu:Contract de cercetare Granturi pentru tineri cercetatori -2017, Valoare grant:22500 lei finantator:Universitatea Transilvania din Brasov, nr ctr:8026/14.07.2017 perioada:2017-2018 ani desfasurare:1	5*1	5.0000
	titlu:Proiect ROSE - Punte de Vara, Valoare grant:283926 lei, finantator: Ministerul Educatiei si Cercetării, prin Unitatea de Management al Proiectelor cu Finantare Externă, nr ctr:III PV31 nr. 5960/30.06.2020 perioada:2020- 2022, ani desfasurare:3	5*3	15.0000
		TOTAL	20.0000
<b>2.4.2.1</b>	<b>Membru in echipe internationale</b>		
4 x ani desfasurare	titlu: Driving up reliability and efficiency of additive manufacturing, FOF-13-2016, nr. 723699 perioada:2016-2019, ani desfasurare:3 <a href="https://www.dream-euproject.eu/partners/">https://www.dream-euproject.eu/partners/</a>	4*3	12.0000
		TOTAL	12.0000



2.4.2.2	Membru în echipa naţionale		
2 x ani desfasurare	titlu:PN-III-CERC-CO-BG-2016 Optimizing the inductive quenching eco-technology for large bearing rings perioada:2016-2018 finantator:UEFISCDI nrctr:100BG/2016 ani desfasurare:2	2*2	4.0000
	titlu:Cresterea fiabilităţii si eficienţei manufacturării aditive, PN-III-P3-3.6-H2020-2016-0077 perioada:2017-2019 finantator:UEFISCDI nrctr:15/2017 ani desfasurare:2	2*2	4.0000
	titlu:Servicii de cercetare industrială structura suprafaţa implant : caracteristici mecanice perioada:2017-2018 finantator:DENTIX SRL, nr ctr:144/09.01.2017 ani desfasurare:1	2*1	2.0000
		TOTAL	10.0000
3.1.1	Citări în reviste cotate în ISI Thomson Reuters-Web of Science Core Collection		
1	Titlu citat:Friction and wear behaviours of Ti (C, O, N) dark decorative coatings, issncitat:0301679X Autori citat: Munteanu, D; Gabor, C; Constantin, DG; Varga, B; Adochite, R; Andrei, OC; Chappé, JM; Cunha, L; Moura, C; Vaz, F; Titlu:Tribological and corrosion behaviors of titanium carbonitride coatings in simulated biological fluid Autori: Aperador, W; Delgado, A; Vera, E; revista:International Journal of Electrochemical Science issn citeaza:14523981 AnAparitie:2015 Autori:10 CoefM:15 FI=1.369, WOS:000358477900001 <a href="http://www.electrochemsci.org/papers/vol10/100604473.pdf">http://www.electrochemsci.org/papers/vol10/100604473.pdf</a>	(15/10)	1.5000





2	<p>Titlu citat: Friction and wear behaviours of Ti (C, O, N) dark decorative coatings issncitat:0301679X</p> <p>Autori citat: Munteanu, D; Gabor, C; Constantin, DG; Varga, B; Adochite, R; Andrei, OC; Chappé, JM; Cunha, L; Moura, C; Vaz, F;</p> <p>titlu: Tribological behavior of CrCoNiAlTiY coating synthesized by double-glow plasma surface alloying technique</p> <p>Autori: Qiu, Zhongkai; Zhang, Pingze; Wei, Dongbo; Duan, Baozhang; Zhou, Peng;</p> <p>revista: Tribology International issnciteaza:0301679X AnAparitie:2015 Autori:10 CoefM:20, FI= 3,245, WOS:000362920100054</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0301679X15003291">https://www.sciencedirect.com/science/article/pii/S0301679X15003291</a></p>	(20/10)	2.0000
3	<p>Titlu citat: Friction and wear behaviours of Ti (C, O, N) dark decorative coatings issncitat:0301679X</p> <p>Autori citat: Munteanu, D; Gabor, C; Constantin, DG; Varga, B; Adochite, R; Andrei, OC; Chappé, JM; Cunha, L; Moura, C; Vaz, F;</p> <p>titlu: Oxidation resistance and thermal stability of Ti (C, N) and Ti (C, N, O) coatings deposited by chemical vapor deposition</p> <p>Autori: Zhu, Lihui; Zhang, Yumeng; Hu, Tao; Leicht, Peter; Liu, Yikang; revista: International Journal of Refractory Metals and Hard Materials issnciteaza:02634368 AnAparitie:2016 Autori:10 CoefM:20</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0263436815301244">https://www.sciencedirect.com/science/article/pii/S0263436815301244</a> FI=2.605, WOS:000366231600039</p>	(20/10)	2.0000
4	<p>Titlu citat: Functional behaviour of TiO<sub>2</sub> films doped with noble metals</p> <p>Autori citat: Rodrigues, MS; Borges, J; Gabor, C; Munteanu, D; Apreutesei, M; Steyer, Philippe; Lopes, C; Pedrosa, P; Alves, E; Barradas, NP; Vaz F; issncitat:17432944</p> <p>titlu: Surface Functionalization of Al<sub>2</sub>O<sub>3</sub> Nanoparticles with Biocompatible Modifiers, Preparation and Characterization of Poly (Vinyl Pyrrolidone)/Modified Al<sub>2</sub>O<sub>3</sub> Nanocomposites</p> <p>Autori: Mallakpour, Shadpour; Sadeghzadeh, Rozita; FI= 1.655 revista: Polymer-Plastics Technology and Engineering issnciteaza:2574089X AnAparitie:2017 Autori:13 CoefM:15, WOS:000415629100004</p> <p><a href="https://www.tandfonline.com/doi/abs/10.1080/03602559.2017.1295311">https://www.tandfonline.com/doi/abs/10.1080/03602559.2017.1295311</a></p>	(15/13)	1.1530



5	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents Autori citat: Kapnisis, Konstantinos; Constantinides, Georgios; Georgiou, Harry; Cristea, Daniel; Gabor, Camelia; Munteanu, Daniel; Brott, Brigitta; Anderson, Peter; Lemons, Jack; Anayiotos, Andreas; issncitat: 17516161 titlu: Fretting corrosion of CoCr alloy: Effect of load and displacement on the degradation mechanisms Autori: Bryant, Michael; Neville, Anne; revista: Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine issnciteaza: 9544119 AnAparitie: 2017 Autori: 10 CoefM: 10, FI= 1,124 <a href="https://journals.sagepub.com/doi/abs/10.1177/0954411916680237">https://journals.sagepub.com/doi/abs/10.1177/0954411916680237</a> WOS:000394814000002</p>	(10/10)	1.0000
6	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents Autori citat: Kapnisis, Konstantinos; Constantinides, Georgios; Georgiou, Harry; Cristea, Daniel; Gabor, Camelia; Munteanu, Daniel; Brott, Brigitta; Anderson, Peter; Lemons, Jack; Anayiotos, Andreas; issncitat: 17516161 titlu: Characterizing fretting damage in different test media for cardiovascular device durability testing Autori: Weaver, JD; Ramirez, L; Sivan, S; Di Prima, M; Autori: 10 CoefM: 20, FI= 3.239 revista: Journal of the mechanical behavior of biomedical materials issnciteaza: 17516161 AnAparitie: 2018 <a href="https://www.sciencedirect.com/science/article/pii/S1751616118304405">https://www.sciencedirect.com/science/article/pii/S1751616118304405</a> WOS:000432508800039</p>	(20/10)	2.0000
7	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents Autori citat: Kapnisis, Konstantinos; Constantinides, Georgios; Georgiou, Harry; Cristea, Daniel; Gabor, Camelia; Munteanu, Daniel; Brott, Brigitta; Anderson, Peter; Lemons, Jack; Anayiotos, Andreas; issncitat: 17516161 titlu: Micromechanical modeling for the probabilistic failure prediction of stents in high-cycle fatigue Autori: Guerchais, Raphael; Scalet, G; Constantinescu, A; Auricchio, F; FI= 3.132, revista: International Journal of Fatigue issnciteaza: 01421123 AnAparitie: 2016 Autori: 10 CoefM: 20 WOS:000374615900041 <a href="https://www.sciencedirect.com/science/article/pii/S014211231600075X?via=ihub">https://www.sciencedirect.com/science/article/pii/S014211231600075X?via=ihub</a></p>	(20/10)	2.0000



8	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents Autori citat: Kapnisis, Konstantinos; Constantinides, Georgios; Georgiou, Harry; Cristea, Daniel; Gabor, Camelia; Munteanu, Daniel; Brott, Brigitta; Anderson, Peter; Lemons, Jack; Anayiotos, Andreas; issncitat: 17516161 titlu: Chromium allergy and dermatitis: prevalence and main findings Autori: Bregnbak, David; Johansen, Jeanne D; Jellesen, Morten S; Zachariae, Claus; Merré, Torkil; Thyssen, Jacob P; FI=4.275, WOS:000363325800001 revista: Contact Dermatitis issnciteaza: 16000536 AnAparitie: 2015 Autori: 10 CoefM: 20 <a href="https://onlinelibrary.wiley.com/doi/full/10.1111/cod.12436">https://onlinelibrary.wiley.com/doi/full/10.1111/cod.12436</a></p>	(20/10)	2.0000
9	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents Autori citat: Kapnisis, Konstantinos; Constantinides, Georgios; Georgiou, Harry; Cristea, Daniel; Gabor, Camelia; Munteanu, Daniel; Brott, Brigitta; Anderson, Peter; Lemons, Jack; Anayiotos, Andreas; issncitat: 17516161 titlu: Low friction and high strength of 316L stainless steel tubing for biomedical applications Autori: Amanov, Auezhan; Lee, Soo-Wohn; Pyun, Young-Sik; FI=5.08 revista: Materials Science and Engineering: C issnciteaza: 09284931 AnAparitie: 2017 Autori: 10 CoefM: 30, WOS:000390967200022 <a href="https://www.sciencedirect.com/science/article/pii/S092849311631205X">https://www.sciencedirect.com/science/article/pii/S092849311631205X</a></p>	(30/10)	3.0000
10	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents Autori citat: Kapnisis, Konstantinos; Constantinides, Georgios; Georgiou, Harry; Cristea, Daniel; Gabor, Camelia; Munteanu, Daniel; Brott, Brigitta; Anderson, Peter; Lemons, Jack; Anayiotos, Andreas; issncitat: 17516161 titlu: Fatigue of metallic stents: from clinical evidence to computational analysis Autori: Auricchio, Ferdinando; Constantinescu, A; Conti, Michele; Scalet, G; FI=3.405 revista: Annals of biomedical engineering issnciteaza: 15739686 AnAparitie: 2016 Autori: 10 CoefM: 20, WOS:000371046300003 <a href="https://link.springer.com/content/pdf/10.1007%2Fs10439-015-1447-8.pdf">https://link.springer.com/content/pdf/10.1007%2Fs10439-015-1447-8.pdf</a></p>	(20/10)	2.0000



11	<p>Titlu citat:Functional behaviour of TiO<sub>2</sub> films doped with noble metals  Autori citat: Rodrigues, M S; Borges, I; Gabor, C; Munteanu, D; Apreutesei, M; Steyer, Philippe; Lopes, C; Pedrosa, P; Alves, E; Barradas, M P; F Vaz; issncitat:17432944  titlu:Thin films composed of Au nanoparticles embedded in AlN: Influence of metal concentration and thermal annealing on the LSPR band  Autori: Domingues, Rui P; Rodrigues, Marco S; Proença, Manuela; Costa, Diogo; Alves, Eduardo; Barradas, Nuno P; Oliveira, Filipe I; Silva, Rui F; Borges, Joel; Vaz, Filipe; FI=2.067 revista:Vacuum  issnciteaza:0042207X AnAparitie:2018 Autori:13 CoefM:20, WOS:000449569600057  <a href="https://www.sciencedirect.com/science/article/pii/S0042207X18311382">https://www.sciencedirect.com/science/article/pii/S0042207X18311382</a></p>	(20/13)	1.5380
12	<p>Titlu citat:Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents  Autori citat: Kapnisis, Konstantinos; Constantinides, Georgios; Georgiou, Harry; Cristea, Daniel; Gabor, Camelia; Munteanu, Daniel; Brott, Brigitta; Anderson, Peter; Lemons, Jack; Anayiotos, Andreas; issncitat:17516161  titlu:Microstructure and deformation of coronary stents from coCr-alloys with different designs  Autori: Weiss, Sabine; Mitevski, Bojan; FI=2.467, WOS:000356879100029  revista:Materials issnciteaza:19961944 AnAparitie:2015 Autori:10 CoefM:20  <a href="https://www.mdpi.com/1996-1944/8/5/2467/html">https://www.mdpi.com/1996-1944/8/5/2467/html</a></p>	(20/10)	2.0000
13	<p>Titlu citat:Multi-scale mechanical investigation of stainless steel and cobalt–chromium stents  Autori citat: Kapnisis, Konstantinos; Constantinides, Georgios; Georgiou, Harry; Cristea, Daniel; Gabor, Camelia; Munteanu, Daniel; Brott, Brigitta; Anderson, Peter; Lemons, Jack; Anayiotos, Andreas; issncitat:17516161  titlu:A retrospective investigation of hexavalent chromium allergy in southern Sweden  Autori: Lejding, Tina; Mowitz, Martin; Isaksson, Marlene; Bruze, Magnus; Pontén, Ann; Svedman, Cecilia; Zimerson, Erik; Engfeldt, Malin; FI= 4,275 revista:Contact dermatitis issnciteaza:16000536  AnAparitie:2018 Autori:10 CoefM:20, <a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/cod.12969">https://onlinelibrary.wiley.com/doi/abs/10.1111/cod.12969</a>  WOS:000431493600002</p>	(20/10)	2.0000

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14	<p>Titlu citat: Multi-scale mechanical investigation of stainless steel and cobalt-chromium stents Autori citat: Kapnis, Konstantinos; Constantinides, Georgios; Georgiou, Harry; Cristea, Daniel; Gabor, Camelia; Munteanu, Daniel; Brott, Brigitta; Anderson, Peter; Lemons, Jack; Anayiotos, Andreas; issncitat: 17516161 titlu: Coronary stent fracture: clinical evidence vs. the testing paradigm, Autori: Conway, Claire; FI= 1.451 revista: Cardiovascular engineering and technology, issnciteaza: 18694098 AnAparitie: 2018 Autori: 10 CoefM: 15 WOS: 000452297000014 <a href="https://link.springer.com/article/10.1007/s13239-018-00384-0">https://link.springer.com/article/10.1007/s13239-018-00384-0</a></p>	(15/10)	1.5000
15	<p>Titlu citat: Friction and wear behaviours of Ti (C, O, N) dark decorative coatings Autori citat: Munteanu, D; Gabor, C; Constantin, DG; Varga, B; Adochite, R; Andrei, OC; Chappé, JM; Cunha, L; Moura, C; Vaz, F; issncitat: 0301679X titlu: Adhesion and wear studies of magnetron sputtered NbN films Autori: Singh, Kulwant; Krishnamurthy, N; Suri, AK; FI= 3.246 revista: Tribology International issnciteaza: 0301679X AnAparitie: 2012 Autori: 10 CoefM: 20, WOS: 000303969600003 <a href="https://www.sciencedirect.com/science/article/pii/S0301679X12000035">https://www.sciencedirect.com/science/article/pii/S0301679X12000035</a></p>	(20/10)	2.0000
16	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat: 431648 titlu: Improved thermal stability, mechanical and tribological properties of reactively sputtered Si doped TiAlC nanostructured hard coatings Autori: Chaliyawala, Harsh A; Srinivas, G; Bera, Parthasarathi; Kumar, Praveen; Khan, Jakeen; Barshilia, Harish C; FI= 2.906, revista: Surface and Coatings Technology issnciteaza: 18793347 AnAparitie: 2016 <a href="https://www.sciencedirect.com/science/article/pii/S0257897216300160">https://www.sciencedirect.com/science/article/pii/S0257897216300160</a> WOS: 000371549200012</p>	(20/8)	2.5000
17	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat: 00431648 titlu: Influence of ZrB2 addition on microstructural development and microhardness of Ti-SiC clad coatings on Ti6Al4V substrate, Autori: Farotade, GA; Popoola, AP; Pityana, Sisa L; FI= 0.734 revista: Surface Review and Letters issnciteaza: 17936667 AnAparitie: 2017, WOS: 000443304100015 <a href="https://www.worldscientific.com/doi/pdf/10.1142/S0218625X19500057">https://www.worldscientific.com/doi/pdf/10.1142/S0218625X19500057</a></p>	(10/8)	1.2500



18	<p>Titlu citat: Functional behaviour of TiO<sub>2</sub> films doped with noble metals Autori citat: Rodrigues, M S; Borges, J; Gabor, C; Munteanu, D; Apreutesei, M; Steyer, Philippe; Lopes, C; Pedrosa, P; Alves, E; Barradas, NP; Vaz F, issncitat:17432944 titlu: Effect of surface energy on nano-resonator dynamic behavior Autori: Miancoab, Ehsan Maani; Pishkenari, Hossein Nejat; Meghdari, Ali; FI=3.57 revista: International Journal of Mechanical Sciences issnciteaza:00207403 AnAparitie:2016 Autori:13 CoefM:20 <a href="https://www.sciencedirect.com/science/article/pii/S0020740316302788">https://www.sciencedirect.com/science/article/pii/S0020740316302788</a> WOS:000390626000005</p>	[20/13]	1.5380
19	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648 titlu: Tribological behaviors of TiSiC coating in seawater environment Autori: Gao, Qi; Li, Jin-long; Ye, Yu-wel; Jiang, Xiny; Wang, Yue; Hu, Jian-min; FI= 1.151 revista: Materials Research Express issnciteaza:20531591 AnAparitie:2017 Autori:8 CoefM:10, WOS:000395793800001 <a href="https://iopscience.iop.org/article/10.1088/2053-1591/aa5233/meta">https://iopscience.iop.org/article/10.1088/2053-1591/aa5233/meta</a></p>	[10/8]	1.2500
20	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648 titlu: Tribological behavior of selected Mn+ 1AX<sub>n</sub> phase thin films on silicon substrates Autori: Hopfeld, Marcus; Grieseler, Rolf; Vogel, Anika; Romanus, Henry; Schaaf, Peter; FI=2.906 revista: Surface and Coatings Technology issnciteaza:18793347 AnAparitie:2014 Autori:8 CoefM:20 <a href="https://www.sciencedirect.com/science/article/pii/S0257897214007440">https://www.sciencedirect.com/science/article/pii/S0257897214007440</a> WOS:000344423100028</p>	[20/8]	2.5000
21	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature, Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648 titlu: Si incorporation in Ti1-xSixN films grown on TiN (001) and (001)-faceted TiN (111) columns Autori: Eriksson, AO; Tengstrand, Olof; Lu, Jun; Jensen, Jens; Eklund, Per; Rosén, Johanna; Petrov, Ivan; Greene, Joseph E; Hultman, Lars; FI=2.906 revista: Surface and Coatings Technology issnciteaza:18793347 AnAparitie:2014 Autori:8 CoefM:20, WOS:000344423100016 <a href="https://www.sciencedirect.com/science/article/pii/S0257897214004496">https://www.sciencedirect.com/science/article/pii/S0257897214004496</a></p>	[20/8]	2.5000



22	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: Effect of Si and C concentration on the microstructure, and the mechanical, tribological and electrochemical properties of nanocomposite TiC/a-SiC: H/aC: H coatings prepared by plasma enhanced chemical vapor deposition</p> <p>Autori: Li, Duanjie; Hassani, Salim; Poulin, Suzie; Szpunar, Jerzy A; Martini, Ludvik; Klemberg-Sapieha, Jolanta E; FI= 2,163, revista: Journal of Applied Physics, issn 1089-7550, WOS:000300948600029 <a href="https://aip.scitation.org/doi/abs/10.1063/1.3684602">https://aip.scitation.org/doi/abs/10.1063/1.3684602</a></p>	(20/8)	2.5000
23	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: Investigation of multilayered TiSiC/NiC protective coatings</p> <p>Autori: Braic, M; Balaceanu, M; Parau, AC; Dinu, M; Vladescu, A; FI=2.067 revista: Vacuum issnciteaza:0042207X AnAparitie:2015 Autori:8 CoefM:20, WOS:000361405000013 <a href="https://www.sciencedirect.com/science/article/pii/S0042207X1500281X">https://www.sciencedirect.com/science/article/pii/S0042207X1500281X</a></p>	(20/8)	2.5000
24	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: Characterization of amorphous Zr-Si-C thin films deposited by DC magnetron sputtering</p> <p>Autori: Meng, Qingnan; Malinowski, Paulius; Nedfors, Nils; Mao, Fang; Andersson, Matilda; Sun, Youhong; Jansson, Ulf; FI=2.906 revista: Surface and Coatings Technology issnciteaza:18793347 AnAparitie:2015 Autori:8 CoefM:20, WOS:000348255500031 <a href="https://www.sciencedirect.com/science/article/pii/S0257897214010123">https://www.sciencedirect.com/science/article/pii/S0257897214010123</a></p>	(20/8)	2.5000
25	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature, Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: Growth and characterization of arc evaporated TiSiC-Ni coatings</p> <p>Autori: Balaceanu, M; Parau, AC; Braic, M; Vladescu, A; Luculescu, CR; Logofatu, C; Braic, V; FI=2.182 revista: Tribology Letters issnciteaza:15732711 AnAparitie:2015 Autori:8 CoefM:20, <a href="https://link.springer.com/article/10.1007/s11249-015-0521-6">https://link.springer.com/article/10.1007/s11249-015-0521-6</a> WOS:000353243500010</p>	(20/8)	2.5000





26	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: Model for electron-beam-induced crystallization of amorphous Me-Si-C (Me= Nb or Zr) thin films</p> <p>Autori: Tengstrand, Olof; Nedfors, Nils; Andersson, Matilda; Lu, Jun; Jansson, Ulf; Flink, Axel; Eklund, Per; Hultman, Lars., FI= 1.495 revista: Journal of Materials Research issnciteaza:20445326</p> <p>AnAparitie:2014 Autori:8 CoefM:15, WOS:000346431100010</p> <p><a href="https://www.cambridge.org/core/journals/journal-of-materials-research/article/model-for-electronbeaminduced-crystallization-of-amorphous-mesic-me-nb-or-zr-thin-films/C38727A13995A99473BD1FA5A79AE948">https://www.cambridge.org/core/journals/journal-of-materials-research/article/model-for-electronbeaminduced-crystallization-of-amorphous-mesic-me-nb-or-zr-thin-films/C38727A13995A99473BD1FA5A79AE948</a></p>	(15/8)	1.8750
27	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: TiSiC, TiSiC-Zr, and TiSiC-Cr Coatings—Corrosion Resistance and Tribological Performance in Saline Solution;</p> <p>Autori: Parau, AC; Vitelaru, C; Balaceanu, M; Braic, V; Constantin, LR; Braic, M; Vladescu, A; FI= 1.723 revista: Tribology Transactions issnciteaza:1547397X AnAparitie:2016 Autori:8 CoefM:15</p> <p><a href="https://www.tandfonline.com/doi/abs/10.1080/10402004.2015.1077406">https://www.tandfonline.com/doi/abs/10.1080/10402004.2015.1077406</a> WOS:000370703100009</p>	(15/8)	1.8750
28	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: In situ tribology of nanocomposite Ti-Si-C-H coatings prepared by PE-CVD</p> <p>Autori: Strauss, Holger W; Chromik, Richard R; Hassani, Salim; Klemberg-Sapieha, Jolanta E; FI=1.872 revista: Wear issnciteaza:00431648 AnAparitie:2011 Autori:8 CoefM:15, WOS:000296116000015</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S004316481100545X">https://www.sciencedirect.com/science/article/pii/S004316481100545X</a></p>	(15/8)	1.8750





29	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: High-rate deposition of amorphous and nanocomposite Ti-Si-C multifunctional coatings</p> <p>Autori: Lauridsen, Jonas; Eklund, Per; Joelsson, T; Ljungcrantz, H; Öberg, Å; Lewin, Erik; Jansson, Ulf; Beckers, Manfred; Höglberg, Hans; Hultman, Lars; FI=2.906 revista: Surface and Coatings Technology</p> <p>issnciteaza:18793347 AnAparitie:2010 Autori:8 CoefM:20, WOS:000282542300010</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0257897210004822">https://www.sciencedirect.com/science/article/pii/S0257897210004822</a></p>	(20/8)	2.5000
30	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: Hard TiC<sub>x</sub>/SiC/aC:H nanocomposite thin films using pulsed high energy density plasma focus device</p> <p>Autori: Umar, ZA; Rawat, RS; Tan, KS; Kumar, AK; Ahmad, R; Hussain, T; Kloc, C; Chen, Z; Shen, L; Zhang, Z; FI= 1.323, revista: Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms, issn 0168-583X, an aparitie 2013, WOS:000318744300010</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0168583X13002693">https://www.sciencedirect.com/science/article/pii/S0168583X13002693</a></p>	(15/8)	1.8750
31	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: Incorporation effects of Si in TiC<sub>x</sub> thin films revista: Surface and Coatings Technology</p> <p>Autori: Tengstrand, Olof; Nedfors, Nils; Ålling, Björn; Jansson, Ulf; Flink, Axel; Eklund, Per; Hultman, Lars; FI= 2.906, issnciteaza:02578972 AnAparitie:2014 Autori:8 CoefM:20</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0257897214007749">https://www.sciencedirect.com/science/article/pii/S0257897214007749</a> WOS:000346895000049</p>	(20/8)	2.5000



32	<p>Titlu citat: Tribological characterisation of magnetron sputtered Ti (C, O, N) thin films</p> <p>Autori citat: Olteanu, C; Munteanu, D; Ionescu, C; Munteanu, A; Chappé, JM; Cunha, L; Vaz, F; issncitat:17415209</p> <p>titlu: Oxidation resistance and thermal stability of Ti (C, N) and Ti (C, N, O) coatings deposited by chemical vapor deposition</p> <p>Autori: Zhu, Linu; Zhang, Yumeng; Hu, Tao; Leicht, Peter; Liu, Yixiong; FI=2.606 revista: International Journal of Refractory Metals and Hard Materials issnciteaza:02634368 AnAparitie:2016 Autori:7 CoefM:20 WOS:000366231600039</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0263436815301244">https://www.sciencedirect.com/science/article/pii/S0263436815301244</a></p>	(20/7)	2.8570
33	<p>Titlu citat: Mechanical and wear characteristics of aC: H/Cr/AlN/Ti multilayer films deposited by PVD/PACVD</p> <p>Autori: Pătru, M; Gabor, C; Cristea, D; Oncioiu, G; Munteanu, D; issncitat:2578972</p> <p>titlu: Preparation and Properties of Nano-multilayer Films by Rotating Jet Electrodeposition</p> <p>Autori: Shen, Lida; Zhao, Kailin; Qiu, Mingbo; Wang, Xin; Fan, Mingzhi; FI=1.369, revista: Int. J. Electrochem. Sci issnciteaza:14523981 AnAparitie:2018 Autori:5 CoefM:15, WOS:000428965800080</p> <p><a href="http://www.electrochemsci.org/papers/vol13/130100984.pdf">http://www.electrochemsci.org/papers/vol13/130100984.pdf</a></p>	(15/5)	3.0000
34	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F; issncitat:00431648</p> <p>titlu: Influence of hexamethyldisilazane vapor on the structure and mechanical properties of TiC-based coatings</p> <p>Autori: Forest C. Thompson, Frank M.Kustas, Grant A.Crawford; FI=3.748, revista: Surface and Coatings Technology issnciteaza:02578972 AnAparitie:2019 Autori:8 CoefM:20, CCC:000486360000027</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0257897219305602">https://www.sciencedirect.com/science/article/pii/S0257897219305602</a></p>	(20/8)	2.5000



Universitatea  
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FACULTATEA DE ŞTIINŢE  
INGINERIEA MATERIEI

35	<p>Titlu citat: Influence of composition and structural properties in the tribological behaviour of magnetron sputtered Ti-Si-C nanostructured thin films, prepared at low temperature</p> <p>Autori citat: Munteanu, D; Ionescu, C; Olteanu, C; Munteanu, A; Davin, F; Cunha, L; Moura, C; Vaz, F;</p> <p>issncitat: 00431648</p> <p>titlu: Effects of Mo addition on tribological performance of plasma-sprayed Ti-Si-C coatings</p> <p>Autori: Qi Jiao, Fangfang Guo, Chao Li, Gaofeng Zheng, Jining He, Hongjian Zhao, Yanfang Qin, Fuxing Yin, FI=3.83,</p> <p>revista: Ceramics International issnciteaza: 02728842 AnAparitie: 2020 Autori: 8 CoefM: 20,</p> <p><a href="https://doi.org/10.1016/j.ceramint.2020.02.064">https://doi.org/10.1016/j.ceramint.2020.02.064</a> Accession no: CCC:000530649900007</p>	(20/8)	2.5000
36	<p>Titlu citat: The optimization of the production procedure in relation to the mechanical properties of additively manufactured parts</p> <p>Autori: Camelia Gabor, Mihai Alin Pop, Donato Magli, Tibor Bedo, Sorin Ion Munteanu, Daniel Munteanu</p> <p>issncitat: 22147853</p> <p>titlu: Role of infill parameters on the mechanical performance and weight reduction of PEI Ultem processed by FFF</p> <p>Autori: Albert Forés-Garriga, Marco A. Pérez, Giovanni Gómez-Gras, Guillermo Reyes-Pozo, FI=6.289</p> <p>revista: Materials &amp; Design issnciteaza: 02641275 AnAparitie: 2020 Autori: 6 CoefM: 30</p> <p><a href="https://doi.org/10.1016/j.matdes.2020.108810">https://doi.org/10.1016/j.matdes.2020.108810</a></p>	(30/6)	5.0000
		TOTAL	77.586
3.3.1	<b>Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice / Recenzor pentru reviste si manifestari stiintifice nationale si internationale indexate ISI</b>		
	<p>titlu: Materials issn: 19961944 CoefM: 5 Perioada: 2019-2020</p> <p><a href="https://www.mdpi.com/journal/materials">https://www.mdpi.com/journal/materials</a></p>	5	5.0000
	<p>titlu: Metals issn: 20754701 CoefM: 5 Perioada: 2019-2020</p> <p><a href="https://www.mdpi.com/journal/metals">https://www.mdpi.com/journal/metals</a></p>	5	5.0000
	<p>titlu: Applied Sciences issn: 20763417 CoefM: 5 Perioada: 2019-2020</p> <p><a href="https://www.mdpi.com/journal/applsci">https://www.mdpi.com/journal/applsci</a></p>	5	5.0000
	<p>titlu: Coatings issn: 20796412 CoefM: 5 Perioada: 2019-2020</p> <p><a href="https://www.mdpi.com/journal/coatings">https://www.mdpi.com/journal/coatings</a></p>	5	5.0000



	titlu:Journal of Materials Science issn:15734803 CoefM:5 Perioada:2019-2020 <a href="https://www.springer.com/journal/10853">https://www.springer.com/journal/10853</a>	5	5.0000
		TOTAL	25.0000
3.3.2	Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice / Recenzor pentru reviste si manifestari stiintifice nationale si internationale indexate BDI		
	titlu:Lubricants issn:20754442 BDI-Scopus CoefM:3 Perioada:2019-2020 <a href="https://www.mdpi.com/journal/lubricants">https://www.mdpi.com/journal/lubricants</a>	3	3.0000
		TOTAL	3.0000
	Criterii optionale		
3.6.5.1	Membru de conducere in organizatii in domeniul educatiei si cercetarii		
	Director departament, Perioada:2019-2020, Departament Stiinta Materialelor, Facultatea Stiinta si Ingineria Materialelor, Universitatea Transilvania din Brasov, <a href="https://sim.unibv.ro/despre/consiliul-facult%C4%83%C8%9Bi.html">https://sim.unibv.ro/despre/consiliul-facult%C4%83%C8%9Bi.html</a>	10	10.0000
		TOTAL	10.0000
3.6.5.2	Membru in organizatii in domeniul educatiei si cercetarii organizatie		
	Comisia de evaluare si asigurare a calitatii Perioada:2013-2014, Universitatea Transilvania din Brasov, Facultatea Stiinta si Ingineria Materialelor	2	2.0000
	Coordonator Program de studii - Inginerie economica in domeniul mecanic Perioada:2017-2020 Universitatea Transilvania din Brasov, Facultatea Stiinta si Ingineria Materialelor	2	2.0000
		TOTAL	4.0000
	Indice Hirsch conform ISI Knowledge		4





Indice Hirsch conform Scopus		4
Indice Hirsch conform Google Scholar		6

Nr. crt.	Domeniul de activitate	Condiții conferențiar minim	Realizat
1	Activitatea didactică / profesională (A1)	30 puncte	39,36 puncte
		Autor principal- 1, Manual-1	Autor principal-2, manual -1
2	Activitatea de cercetare (A2)	160 puncte	298,42 puncte
		10 articole	29
		3 articole cu FI>1	13
		2 articole autor principal FI>0.5	3
3	Recunoașterea impactului activității (A3)	15 citari	36
		60 puncte	106,586 puncte
	<b>TOTAL</b>	<b>250 puncte</b>	<b>443,366</b>
	Criterii optionale		14
	Indici Hirsch		14
	Total+criterii optionale+Hirsch		471,366

20.07.2020

Şef lucr.dr.ing. Camelia GABOR

REZOLUTIA COMITETULUI ŞTIINŢIFICE:

Membru COMITETULUI

STANDARDELE SUNT ÎNDEPLINITE

1. Prof.dr.ing. Daniel MUNTEANU ☒ DA ☐ NU
2. Prof.dr.ing. Teodor MACHEDON PISU ☒ DA ☐ NU
3. Prof.dr.ing. Mircea Horia PEREAN ☒ DA ☐ NU

Avizat decan 1

Prof.dr.ing. Teodor MACHEDON-PISU