

Științe ingineresti

➤Ingineria Materialelor

Standarde minimale cerute: $I_1 \geq 4$ și $P \geq 2$ și $C \geq 5$

Standarde calculate: $I_1 = 11.23585$ și $P = 22.86246$ și $C = 94.4464$

(după scorul relativ de influență (SRI) publicat de UEFISCDI în ianuarie 2012)

Fișă de verificare a îndeplinirii standardelor minimale: Prof. Dr. Lidia BENEA

Perioada după primirea diplomei de Doctor (1997 – 2012): I_1 și P

$$I_1 = \sum_i \frac{S_i}{n_i}, \quad P = \sum_i \frac{S_i}{p_i}, \quad C = \sum_i \frac{1}{n_i} \sum_k S_k$$

Nr publicației	Referința bibliografică: Articole ISI cu Scor relativ de influență (SRI) ≥ 0.5 Link: Selected Peer Reviewed Papers http://www.fmet.ugal.ro/IMST/CV%20IMST/CV%20-%20Benea%20L_Noiembrie2011/BENEA%20Lidia-%20Home.pdf http://www.cc-ites.ugal.ro/CV%20-%20Benea%20L_Noiembrie2011/BENEA%20Lidia-%20Home.pdf	S _i	n _i	p _i	s _i /n _i	s _i /p _i
1	Lidia Benea. Electrodeposition of Zirconia Particles in a Copper Matrix. <i>Materials and Manufacturing Processes</i> , Vol 14, No: 2, Published: 1999, ISSN: 1042-6914. 231-242. DOI: 10.1080/10426919908914820.	0.53206	1	1	0.53206	0.53206
2	Levcovici, D.T., Munteanu, V., Levcovici, S.M., Mitoseriu, O., Benea, L. , Paraschiv, M.M. . Laser processing of MMC layers on a metal base. <i>Materials and Manufacturing Processes.</i> (1999) 14 (4), pp. 475-487. ISSN: 10426914.	0.53206	6	-	0.08867	-
3	L. Benea, O. Mitoseriu, J. Galland, F. Wenger, P. Ponthiaux. Corrosion study o copper composite coating by impedance spectroscopy method. <i>Materials and Corrosion.</i> 51, Published: 2000, p. 491-495. ISSN 0947-5117.	1.40476	5	1	0.28095	1.40476

	<a href="https://doi.org/10.1002/1521-4176(200007)51:7<491::AID-MACO491>3.0.CO;2-C">DOI: 10.1002/1521-4176(200007)51:7<491::AID-MACO491>3.0.CO;2-C					
4	Lidia BENEÀ , Pier Luigi BONORA, Alberto BORELLO, Stefano MARTELLI, François WENGER, Pierre PONTTHIAUX, Jacques GALLAND. Composite electrodeposition to obtain nano-structured coatings. <i>Journal of The Electrochemical Society</i> . 148 (7), 2001 , ISSN: 0013-4651. C 461-C 465. http://dx.doi.org/10.1149/1.1377279 .	2.02948	7	1	0.2899	2.02948
5	Lidia Benea , Pier Luigi Bonora, Alberto Borello, Stefano Martelli. Wear corrosion properties of nano-structured SiC – nickel composite coatings obtained by electroplating. <i>Wear</i> , Volume : 249, 2002 , 995-1003. ISSN: 0043-1648. IF = 1.509. doi:10.1016/S0043-1648(01)00844-4	1.97269	4	1	0.49317	1.97269
6	L. Benea , P.L. Bonora, A. Borello, S. Martelli. Effect of SiC size dimensions on the corrosion wear resistance of the electrodeposited composite coating. <i>Materials and Corrosion</i> . Volume 53, Issue 1, Published: 2002 , ISSN 0947-5117. 23-29. <a href="https://doi.org/10.1002/1521-4176(200201)53:1<23::AID-MACO23>3.0.CO;2-0">DOI: 10.1002/1521-4176(200201)53:1<23::AID-MACO23>3.0.CO;2-0 .	1.40476	4	1	0.35119	1.40476
7	Lidia Benea , Pier Luigi Bonora, Alberto Borello, Stefano Martelli, François Wenger, Pierre Ponthiaux, Jacques Galland. Preparation and investigation of nanostructured SiC-nickel layers by electrodeposition. <i>Solid State Ionics</i> . vol. 151, no 1-4, 2002 , p. 89-95. ISSN: 0167-2738. doi:10.1016/S0167-2738(02)00586-6 .	1.63928	7	1	0.23418	1.63928
8	L. Benea , P. Ponthiaux, F. Wenger, J. Galland, D. Hertz, J. Y. Malo. Tribocorrosion of stellite 6 in sulphuric acid medium: electrochemical behaviour and wear. <i>Wear</i> , 256, Published: 2004 , Issues 9-10, 948-95. ISSN: 0043-1648. DOI: 10.1016/j.wear.2003.06.003	1.97269	6	1	0.32878	1.97269

9	Cârâc, G, Benea, L. , Iticescu, C., Lampke, T, Steinhäuser, S., Wielage, B. Codeposition of cerium oxide with nickel and cobalt: Correlation between microstructure and microhardness. Surface Engineering . Volume 20, Issue 5, October 2004, Pages 353-359. ISSN 0267-0844. DOI: 10.1179/026708404X1134	0.5675	6	-	0.09458	-
10	A. Berradja, F. Bratu, L. Benea , G. Willems and J.-P. Celis. Effect of sliding wear on tribocorrosion behaviour of stainless steels in a Ringer's solution. Wear . Volume 261, Issue 9, 20 November 2006, 987-993. ISSN: 0043-1648. DOI: 10.1016/j.wear.2006.03.003.	1.97269	5	-	0.39453	-
11	Felicia Bratu, Lidia Benea , Jean-Pierre Celis. Tribocorrosion behaviour of Ni-SiC composite coatings under lubricated conditions. Surface & Coatings Technology . 201, 2007, 6940–6946. ISSN: 0257-8972. DOI: 10.1016/j.surfocat.2006.12.027.	1.51351	3	2	0.5045	-
12	A. C. Ciubotariu, L. Benea , M. Lakatos–Varsanyi, V. Dragan. Electrochemical impedance spectroscopy and corrosion behaviour of Al ₂ O ₃ -Ni nano composite coatings. Electrochimica Acta . 53 (13), 2008, 4557-4563. ISSN: 0013-4686. DOI: 10.1016/j.electacta.2008.01.020.	1.56116	4	2	0.39029	-
13	L. Benea , F.Wenger, P. Ponthiaux, J.P. Celis. Tribocorrosion behaviour of Ni-SiC nano-structured composite coatings obtained by electrodeposition. Wear . Volume: 266, Issue: 3-4, Published: 2009, 398-405. ISSN: 0043-1648. DOI: 10.1016/j.wear.2008.04.018.	1.97269	4	1	0.49317	1.97269
14	Lidia Benea , Electrodeposition and tribocorrosion behaviour of ZrO ₂ -Ni composite coatings. Journal of Applied Electrochemistry . (2009) 39 1671–1681. ISSN: 0021-891X. DOI: 10.1007/s10800-009-9859-5.	0.73089	1	1	0.73089	0.73089

15	Lidia BENEĂ, Pierre PONTTHIAUX, Francois WENGER. Co-ZrO ₂ electrodeposited composite coatings exhibiting improved micro hardness and corrosion behaviour in simulating body fluid solution. Surface & Coatings Technology . 205, 2011. 5379-5386. ISSN: 0257-8972. DOI: 10.1016/j.surfcoat.2011.05.050 .	1.51351	3	1	0.5045	1.51351
16	L. Benea; S. F. Sorcaru; P. Ponthiaux; F. Wenger. Electrosynthesis and performances of cobalt-ceria nanocomposite biocoatings. Advances in Applied Ceramics . Published online 27 December 2011. Volume 111, Number 3, April 2012 ,pp. 134-141(8). ISSN: 1743-6753 DOI: http://dx.doi.org/10.1179/1743676111Y.0000000068	2.88608	4	1	0.72152	2.88608
17	Stefan Balta, Arcadio Sotto, Patricia Luis, Lidia Benea, Bart Van der Bruggen, Jeonghwan Kim. A new outlook on membrane enhancement with nanoparticles: the alternative of ZnO. Journal of Membrane Science . Volume 389, 1 February 2012. Pages 155-161. ISSN: 0376-7388. doi:10.1016/j.memsci.2011.10.025	2.74214	6	-	0.45702	-
18	Lidia BENEĂ. Electrochemical Impedance Spectroscopy and Corrosion Behavior of Co/CeO ₂ Nanocomposite Coatings in Simulating Body Fluid Solution. Metallurgical and Materials Transactions A . Vol 43A, pp 1-9, 2012 (November). ISSN 1073-5623. DOI: 10.1007/s11661-012-1422-z	4.80357	1	1	4.80357	4.80357
TOTAL (1999-2012)					I₁=	P=
					11.69287	22.86246

Față de standardele minimale cerute, procentul de îndeplinire al lor este după cum urmează:

Nr. Crt.	Standard I ₁	Standard P	Standard C
1	Minimal: $I_1 = \sum_i \frac{S_i}{n_i} \geq 4$	Minimal: $P = \sum_i \frac{S_i}{P_i} \geq 2$	Minimal: $C = \sum_i \frac{1}{n_i} \sum_k S_k \geq 5$
2	Calculat: I ₁ =11.69287	Calculat: P=22.86246	Calculat: C=94.4464
3	Procent îndeplinire=292.32%	Procent îndeplinire=1143.12%	Procent îndeplinire=1889%

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H index = 11



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Date of creation: 12 October 2012

This is a citation overview for a set of 25 documents.

h index = 11

Of the 25 documents considered for the h-index, 11 have been cited at least 11 times.

Note: Scopus does not have complete citation information for articles published before 1996.

11 articole ISI publicate cu număr de citări pe fiecare articol >11 ,
Hirsch Index (H) = 11

Conform tabelor de mai jos cu citările pe fiecare articol. LB1-LB13 (numai citările din articole ISI)

TOTAL CITARI PE 14 Articole ISI (LB 1-LB 14) 2011-2002	366
2006 -2010	253

Cited Articles during 2002-2011
TABEL CU CITĂRI PE ANI ȘI ARTICOLE ISI PUBLICATE
(CITĂRI IN ARTICOLE ISI PERIOADA 2002-2011)

Calculul indicatorului C

$$C = \sum_i \frac{1}{n_i} \sum_k S_k \geq 5$$

	Referința bibliografică a publicației k care citează Cu SRI (Scor relativ de influență) ≥ 0.25 Link: Prof Dr Lidia Benea Cited Articles www.cc-ites.ugal.ro/	Sk (SRI)	$\sum_k S_k$	n_i	$\frac{1}{n_i} \sum_k S_k$
LB 1	Benea L., Bonora P.L., Borello A., Martelli S.; Wear corrosion properties of nano-structured SiC-nickel composite coatings obtained by electroplating; (2001) <i>Wear</i>, 249 (10-11), pp. 995-1003 (2001)..		132.252	5	25.45
2011	Citat de 15 ori in 2011 in Reviste ISI:	-	15.8646		
1.1	Borkar T., Harimkar S.P.; Effect of electrodeposition conditions and reinforcement content on microstructure and tribological properties of nickel composite coatings; <i>Surface & Coatings Technology</i>, Volume: 205, Issue: 17-18, Pages: 4124-4134, Published: May 25 2011	SRI=1.51351			
1.2	Tian, L., Xu, J.; Electrodeposition and characterization of Ni-Y₂O₃ Composite; (2011) <i>Applied Surface Science</i> 257 (17), pp. 7615-7620	SRI=1.379			
1.3	Lekka, M., Lanzutti, A., Zanella, C., Zendron, G., Fedrizzi, L., Bonora, P.L.; Resistance to localized corrosion of pure Ni, microand nano-SiC composite electrodeposits; (2011) <i>Pure and Applied Chemistry</i> 83 (2), pp. 295-308.	SRI=2.686			
1.4	Sadeghi, A., Khosroshahi, R., Sadeghian, Z.; Morphological, mechanical, corrosion and hydrogen permeation characteristics of Ni-nano-TiO₂ composite coating compared to Ni electrodeposited on low carbon steel; (2011) <i>Journal of Surface Investigation</i> 5 (1), pp. 186-192. ISSN: 1027-4510.	-			
1.5	Yang, G.-R., Sun, X.-M., Zhou, Y., Song, W.-M., Ma, Y., Lu, J.-J., Hao, Y., The research on wear performance at elevated temperature of Ni-based infiltrated layer, (2011) <i>Advanced Materials Research</i> 154-155, pp. 1375-1378.	-			
1.6	Singh, D.K., Singh, V.B., Electrodeposition of Ni-SiC composite from a non-aqueous bath, (2011) <i>Journal of the Electrochemical Society</i> 158 (2), pp. D114-D118.	SRI=2.02948			
1.7	Jia-Hu Ouyang, Xue-Song Liang, Jie Wen, Zhan-Guo Liu, Zhen-Lin Yang. Electrodeposition and tribological	SRI=1.97269			

	properties of self-lubricating Ni–BaCr ₂ O ₄ composite coatings. <i>Wear</i> , Volume 271, Issues 9-10, 29 July 2011, Pages 2037-2045.		
1.8	Vathsala, K., Venkatesha, T.V.; Zn-ZrO ₂ nanocomposite coatings: Electrodeposition and evaluation of corrosion resistance. (2011) <i>Applied Surface Science</i> 257 (21), pp. 8929-8936.	SRI=1.379	
1.9	Bose, R., Kalaighan, G.P. Fortification of Ni-Y₂O₃ nanocomposite coatings prepared by pulse and direct current methods. 2011, <i>Ionics</i> 17 (6), pp. 495-501	SRI=0.5	
1.10	Sun, X.-M., Li, J., Yang, G.-R., Song, W.-M., Ma, Y.; The microstructure of Ni/ZrO₂ infiltrated composite layer. <i>Advanced Materials Research</i> . (2011) 314-316, pp. 236-239. ISSN: 1662-8985.	-	
1.11	P. Narasimman, Malathy Pushpavanam, V.M. Periasamy; Synthesis, characterization and comparison of sediment electro-codeposited nickel-micro and nano SiC composites. <i>Applied Surface Science</i> 258 (2011) 590– 598.	SRI=1.379	
1.12	M. Otolani, C. Zanella, C.L. Azanza Ricardo, P. Scardi. Elastic grain interaction in electrodeposited nanocomposite Nickel matrix coatings. <i>Surface & Coatings Technology</i> . (2011). doi: 10.1016/j.surfcoat.2011.10.056.	SRI=1.513	
1.13	Shoeib, M.A., Electrodeposited zinc/nickel coatings- A review. (2011) <i>Galvanotechnik</i> 102 (10), pp. 2199-2205.	-	
1.14	Çinici, H., Karacif, K., Kafkas, F., Çitak, R. Effect of electrolytic nickel coating on fatigue life of iron based powder metal parts. <i>Kovove Materialy</i> , 49 (5), pp. 355-359.	-	
1.15	E. Garc'ia-Lecina, I. Garc'ia-Urrutia, J.A. D'iez, J. Morgiel, P. Indyka. A comparative study of the effect of mechanical and ultrasound agitation on the properties of electrodeposited Ni/Al₂O₃ nanocomposite coatings. <i>Surface & Coatings Technology</i> . 2011. doi: 10.1016/j.surfcoat.2011.12.037.	SRI=1.513	
2010	Citat de 14 ori in 2010 in Reviste ISI:		11.34347
1.1.	ZHOU Zhao-feng, PAN Yong, LEI Wei-xin; Ni nanocomposite films formed by Ni nanowires embedded in Ni matrix using electrodeposition; <i>Trans. Nonferrous Met. Soc. China</i> 20 (2010) 637–642.	-	
1.2	Minho Kim, Fangfang Sun, Jaebeom Lee, Yang Ki Hyun, Dongyun Lee; Influence of ultrasonication on the mechanical properties of Cu/Al₂O₃ nanocomposite thin films during electrocodeposition; <i>Surface & Coatings Technology</i> 205 (2010) 2362–2368.	SRI=1.513	
1.3.	M. Lekka, C. Zanella, A. Klorikowska; Scaling-up of the electrodeposition process of nano-composite coating for corrosion and wear protection; <i>Electrochimica Acta</i> 55 (2010) 7876–7883.	SRI=1.56116	
1.4	P. Bagheri, M. Farzam, A.B. Mousavi, M. Hosseini; Ni–TiO₂ nanocomposite coating with high resistance to corrosion and wear; <i>Surface & Coatings Technology</i> 204 (2010) 3804–3810.	SRI=1.513	
1.5	Weiwei Chen, Yedong He, Wei Gao; Electrodeposition of sol-enhanced nanostructured Ni-TiO₂ composite coatings; <i>Surface & Coatings Technology</i> 204 (2010) 2487–2492.	SRI=1.513	
1.6	B. Ranjith, G. Paruthimal Kalaighan; Ni–Co–TiO₂ nanocomposite coating prepared by pulse and pulse reversal methods using acetate bath; <i>Applied Surface Science</i> 257 (2010) 42–47.	SRI=1.379	

1.7	H. FAN; Electroplating of Compound Ni–SiC Coatings and Improvement of Wear Resistance ; <i>Key Engineering Materials</i> , 2010, 426-427, 399.	-	
1.8	Wu, M.-H., Xue, J.-H., Lv, H.; Effects of heat treatment on wear resistance of nano Ni-TiN composite layer ; <i>Gongneng Cailiao/Journal of Functional Materials</i> 41 (4), pp. 607-609, 2010.	-	
1.9	Fan, H.; Electroplating of compound Ni-SiC coatings and improvement of wear resistance. ; <i>Key Engineering Materials</i> 2010, 426-427, pp. 399-402.	-	
1.10	Medina L.A.T., Calderón J.A.; Evaluation of resistance to erosion-corrosion of nickel coatings modified with diamond nanoparticles ; <i>Revista Facultad de Ingeniería</i> 2010, (54), pp. 42-48.	-	
1.11	C. F. Malfatti, J. Z. Ferreira, C. T. Oliveira, E. S. Rieder, J.-P. Bonino; Electrochemical behavior of Ni—P—SiC composite coatings: Effect of heat treatment and SiC particle incorporation . <i>Materials & Corrosion</i> . Article first published online: 16 AUG 2010, DOI: 10.1002/maco.200905611.	SRI=1.40476	
1.12	Rusu D.E., Cojocaru P., Magagnin L., Gheorghies C., Cârâc G.; Study of Ni-TiO₂ nanocomposite coating prepared by electrochemical deposition ; <i>Journal of Optoelectronics and Advanced Materials</i> . 2010. 12 (12), pp. 2419-2422.	SRI=0.33089	
1.13	Zanella, C., Lekka, M., Bonora, P.L.; Effect of ultrasound vibration during electrodeposition of Ni-SiC nanocomposite coatings . <i>Surface Engineering</i> 2010, 26 (7), pp. 511-518.	SRI=0.5675	
1.14	Lekka, M., Zanella, C., Klorikowska, A., Bonora, P.L.; Scaling-up of the electrodeposition process of nano-composite coating for corrosion and wear protection. 2010, <i>Electrochimica Acta</i> 55 (27), pp. 7876-7883.	SRI=1.56116	
2009	Citat de 12 ori in 2009 in Reviste ISI:	-	10.512
1.1	Han B., Lu X.; Effect of nano-sized CeF₃ on microstructure, mechanical, high temperature friction and corrosion behavior of Ni-W composite coatings ; <i>Surface and Coatings Technology</i> 203 (23), pp.3656-3660 (2009).	SRI=1.513	
1.2	Praveen B.M., Venkatesha T.V.; Electrodeposition and properties of Zn-Ni-CNT composite coatings ; <i>Journal of Alloys and Compounds</i> 482 (1-2), pp.53-57 (2009).	SRI=2.9	
1.3	Huang Z.-J., Xiong D.-S.; Dependence of corrosion behavior of Ni-MoS₂/Al₂O₃ coatings in relation to the Al₂O₃ Rrtio in MoS₂/Al₂O₃ particles ; <i>Surface Review and Letters</i> 16 (3), pp. 455-462 (2009).	-	
1.4	Spanou S., Pavlatou E.A., Spyrellis N.; Ni/nano-TiO₂ composite electrodeposits: Textural and structural modifications ; <i>Electrochimica Acta</i> 54 (9), pp. 2547-2555 (2009).	SRI=1.561	
1.5	García-Lecina E., García-Urrutia I., Díez J.A., Salvo M., Smeacetto F., Gautier G., Seddon R., Martin R.; Electrochemical preparation and characterization of Ni/SiC compositionally graded multilayered coatings ; <i>Electrochimica Acta</i> 54 (9), pp. 2556-2562 (2009).	SRI=1.561	
1.6	Zamblau I., Varvara S., Bulea C., Muresana L.M.; Corrosion Behavior of Composite Coatings Obtained by Electrolytic Codeposition of Copper with Al₂O₃ Nanoparticles ; <i>Chemical and Biochemical Engineering Quarterly</i> 23 (1), pp. 43-52 (2009).	SRI=0.438	
1.7	Liang X.-S., Ouyang J.-H., Li Y.-F., Wang Y.-M.; Electrodeposition and tribological properties of Ni-SrSO₄ composite coatings ; <i>Applied Surface Science</i> 255 (7), pp. 4316-4321 (2009).	SRI=1.379	

	1.8	Aal A.A., El-Sheikh S.M., Ahmed Y.M.Z.; Electrodeposited composite coating of Ni-W-P with nano-sized rod- and spherical-shaped SiC particles ; <i>Materials Research Bulletin</i> 44 (1), pp. 151-159 (2009).	SRI=1.16		
	1.9	ZHANG Yan, PENG Xiao, WANG Fuhui; Effect of Cr particle contents on microstructure of the electrodeposited Ni-Cr nanocomposite ; <i>Chinese Journal of Materials Research</i> (2009), 23(6), pp. 610-615.	-		
	1.10	XU Yunhua, CAO Kening, YANG Yuguo, ZHAO Yu, GONG Xiaojing; Microhardness of Ni-Co alloy plated by high frequency pulse currents ; <i>Journal of Chinese Society for Corrosion and Protection</i> (2009), 29(2) pp. 141-144.	-		
	1.11	Huynh Thi Ha, Cao Tuan Anh, Nguyen Thu Ha, Dao Tran Cao; Co-deposition and microstructure of Ni-nano SiC coating on metal ; <i>Journal of Physics: Conference Series</i> . 2009, Volume 187 Number 012083.	-		
	1.12	Zhong-Jia Huang & Dang-Sheng Xiong; Dependence of corrosion behavior of Ni-MoS₂/Al₂O₃ coatings in relation to the Al₂O₃ ratio in MoS₂/Al₂O₃ particles . <i>Surface Review and Letters</i> ; 2009, Volume 16, Issue 03, 455-462.	-		
	Citat de 9 ori in 2008 in Reviste ISI		-	13.6885	
2008	1.1	Kumar A., Agrawal V.P.; Structural modelling and analysis of electroplating system: A graph theoretic system approach ; <i>International Journal of Surface Science and Engineering</i> 2 (6), pp. 520-540 (2008).	SRI=0.636		
	1.2	Lee H.-K., Lee H.-Y., Jeon J.-M.; Electrolytic deposition behaviors of Ni-SiC composite coatings containing submicron-sized SiC particles ; <i>Metals and Materials International</i> 14 (5), pp. 599-605 (2008).	SRI=1.629		
	1.3	Zheng H.-Y., An M.-Z.; Electrodeposition of Zn-Ni-Al₂O₃ nanocomposite coatings under ultrasound conditions ; <i>Journal of Alloys and Compounds</i> 459 (1-2), pp. 548-552 (2008).	SRI=2.9		
	1.4	Sun X.J., Li J.G.; Tribological characterisation of electrodeposited nickel - Titania nanocomposite coatings sliding against silicon nitride in high vacuum ; <i>Surface Engineering</i> . 24 (3), pp. 236-239, (2008).	SRI=0.5675		
	1.5	Wang N., Cao X., Kong D., Chen W., Guo L., Chen C.; Nickel chains assembled by hollow microspheres and their magnetic properties ; <i>Journal of Physical Chemistry C</i> 112 (17), pp. 6613-6619 (2008).	SRI=2.62		
	1.6	Han B., Lu X.; Tribological and anti-corrosion properties of Ni-W-CeO₂ coatings against molten glass ; <i>Surface and Coatings Technology</i> 202 (14), pp. 3251-3256, (2008).	SRI=1.5135		
	1.7	Vaezi M.R., Sadmezhaad S.K., Nikzad L.; Electrodeposition of Ni-SiC nano-composite coatings and evaluation of wear and corrosion resistance and electroplating characteristics ; <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> 315 (1-3), pp. 176-182 (2008).	SRI=0.93		
	1.8	Wu B., Yu X.-h., Zhang B., Xu B.-s.; Preparation and characterization of graphite-nickel composite coatings by automatic brush plating ; <i>Surface and Coatings Technology</i> 202 (10), pp. 1975-1979 (2008).	SRI=1.5135		
	1.9	Zheng H.-y., An M.-z., Lu J.-f.; Surface characterization of the Zn-Ni-Al₂O₃ nanocomposite coating fabricated under ultrasound condition ; <i>Applied Surface Science</i> 254 (6), pp. 1644-1650 (2008).	SRI=1.379		

2007	Citat de 17 ori in 2007 in Reviste ISI		-	46.9742
1.1	Jiang B., Xu B., Dong S., Yi Y., Ding P.; Contact fatigue behavior of nano-ZrO₂/Ni coating prepared by electro-brush ; <i>Surface and Coatings Technology</i> 202 (3), 2007, pp. 447-452.	SRI=1.5135		
1.2	Sun X.J., Li J.G.; Friction and wear properties of electrodeposited nickel-titania nanocomposite coatings ; <i>Tribology Letters</i> 28 (3), 2007, pp. 223-228.	SRI=2.11635		
1.3	Srivastava Sr. M., William Grips V.K., Jain A., Rajam K.S.; Influence of SiC particle size on the structure and tribological properties of Ni-Co composites ; <i>Surface and Coatings Technology</i> 202 (2), 2007, pp. 310-318.	SRI=1.5135		
1.4	Wood R.J.K.; Tribo-corrosion of coatings: A review ; <i>Journal of Physics D: Applied Physics</i> 40 (18), art. no. S10, 2007, pp. 5502-5521.	SRI=1.81		
1.5	Cho J.K., Yoo M.S., Kang S.G.; Effects of Ultrasonic Treatment Time on the Electroless Ni-P/Nano Diamond(ND) Composite Coating ; <i>Journal of Korean Institute of Metals and Materials</i> 45 (9), 2007, pp. 514-519.	SRI=1.00		
1.6	Y. Zhou, H. Zhanga, B. Qiana; Friction and wear properties of the co-deposited Ni-SiC nanocomposite coating ; <i>Applied Surface Science</i> 253 (20), 2007, pp. 8335-8339.	SRI=1.379		
1.7	S. J. Osborne, W. S. Sweet, K. S. Vecchio, J. B. Talbot; Electroplating of Copper-Alumina Nanocomposite Films with an Impinging Jet Electrode ; <i>Journal of the Electrochemical Society</i> 154 (8), 2007, pp. D394-D399.	SRI=2.02948		
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	Referința bibliografică a publicației k care citează Cu SRI (Scor relativ de influență) ≥ 0.25	Sk (SRI)	$\sum_k S_k$	n_i	$\frac{1}{n_i} \sum_k S_k$
LB 8	Carac G., Benea L. , Iticescu C., Lampke T., Steinhäuser S., Wielage B.; Codeposition of cerium oxide with nickel and cobalt: Correlation between microstructure and microhardness , (2004) <i>Surface Engineering</i> , 20 (5), pp. 353-359.		21.00085	6	3.500
2011	Citat 1 data in 2011 in Reviste ISI	-	1.69247		
	8.1 Lewis M.J., Zhu J.H.; A Process to Synthesize (Mn,Co)(3)O-4 Spinel Coatings for Protecting SOFC Interconnect Alloys ; <i>Electrochemical and Solid State Letters</i> , Volume: 14, Issue: 1, Pages: B9-B12, Published: 2011.	SRI=1.69247			
2010	Citat de 2 ori in 2010 in Reviste ISI		2.8925		
	8.1 Srivastava M., Balaraju J.N., Ravishankar B., et al.; Improvement in the properties of nickel by nano-Cr₂O₃ incorporation ; <i>Surface & Coatings Technology</i> , Volume: 205, Issue: 1, Pages: 66-75, Published: SEP 25 2010.	SRI=1.5135			
	8.2 Srivastava M., Grips V.K.W., Rajam K.S.; Electrodeposition of Ni-Co composites containing nano-CeO₂ and their structure, properties ; <i>Applied Surface Science</i> , Volume: 257, Issue: 3, Pages: 717-722, Published: NOV 15 2010.	SRI=1.379			

2009	Citat de 3 ori in 2009 in Reviste ISI			3.78	
	8.1	Schneider O., Martens S., Argirusis Chr.; Sonoelectrochemical deposition of functional composite layers; <i>ECS Transactions</i> 16 (25), pp. 107-118 (2009).	-		
	8.2	Krishnaveni K., Narayanan T.S.N.S., Seshadri S.K.; Corrosion resistance of electrodeposited Ni-B and Ni-B-Si₃N₄ composite coatings; <i>Journal of Alloys and Compounds</i> 480 (2), pp. 765- 770 (2009).	SRI=2.9		
	8.3	Krishnaveni K., Sankara Narayanan T.S.N., Seshadri S.K.; Wear resistance of electrodeposited Ni-B and Ni-B-Si₃N₄ composite coatings; <i>Journal of Materials Science</i> 44 (2), pp. 433-440 (2009).	SRI=0.88		
2008	Citat de 3 ori in 2008 in Reviste ISI			3.92	
	8.1	Krishnaveni K., Sankara Narayanan, T.S.N., Seshadri.S.K., Electrodeposited Ni-B-Si₃N₄ composite coating : Preparation and evaluation of its characteristic properties, <i>Journal of Alloys and Compounds</i> 466 (1-2), pp. 412-420 (2008).	SRI=2.9		
	8.2	Argirusis Chr., Matić S., Schneider O., An EQCM study of ultrasonically assisted electrodeposition of Co/CeO₂ and Ni/ CeO₂ composites for fuel cell applications, <i>Physica Status Solidi (A) Applications and Materials</i> 205 (10), pp. 2400 – 2404 (2008).	SRI=1.02		
	8.3	Zhou Y., Zhang H., Friction and wear resistance of the as Co-deposited Ni-CeO₂ nanocomposite coating, <i>Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering</i> 37 (3), pp. 448-451 (2008).	-		
2006	Citat de 2 ori in 2006 in Reviste ISI		-	8.71588	
	8.1	Xue Y.-J., Jia X.-Z., Zhou Y.-W, Ma W., Li J.-S.; Tribological performance of Ni-CeO₂ composite coatings by electrodeposition; <i>Surface and Coatings Technology</i> , Volume 200, Issue 20-21, May 2006, Pages 5677-5681.	SRI=1.5135		
	8.2	N.S. Qu, D. Zhu, K.C. Chan; Fabrication of Ni–CeO₂ nanocomposite by electrodeposition; <i>Scripta Materialia</i> , Volume 54, Issue 7, April 2006, Pages 1421-1425.	SRI=7.20238		
TOTAL CITĂRI 2011 – 2006, Article LB 8				11	

	Referința bibliografică a publicației k care citează Cu SRI (Scor relativ de influență) ≥ 0.25	Sk (SRI)	$\sum_k S_k$	n_i	$\frac{1}{n_i} \sum_k S_k$
LB 9	Benea L, P.L. Bonora, A. Borello, S. Martelli. Effect of SiC size dimensions on the corrosion wear resistance of the electrodeposited composite coatings; <i>Materials and Corrosion,- Werkstoffe und Korrosion</i>, Volume: 53, Issue: 1, Pages: 23-29 Published: JAN 2002.		21.38099	4	5.34324
2011	Citat de 8 ori in 2011 in Reviste ISI		7.78776		
	9.1 H. B. Lee; C. S. Lin; D. S. Wu; C. Y. Lee; Wear and Corrosion Investigation on the Electrodeposited Ni-P Coating. <i>Tribology Transactions</i>; Volume 54, Issue 4, 2011, Pages 497 – 504. DOI: 10.1080/10402004.2011.568711	SRI=0.83156			
	9.2 Kozako, H.; Sakurai, J.; Mukai, N.; Ohnuma, Y.; Takahashii, T.; Hata, S.; Corrosion resistance consolidation of a diaphragm type vacuum sensor. <i>Micro Electro Mechanical Systems (MEMS)</i>, 2011 IEEE 24th International Conference on Issue Date: 23-27 Jan. 2011. On page(s): 400 – 403. 10.1109/MEMSYS.2011.5734446.	SRI=1.4			
	9.3 Fodor, L., Micle, V.; Electrolytic deposition a perspective solution of Nanocomposites. 2011, <i>Metalurgia International</i> 16 (5), pp. 51-55.	-			
	9.4 Aruna, S.T., Srikanth, P.V.K., Ahamad, M.J., Latha, S., Rajam, K.S.; Optimization of the properties of electrodeposited Ni- YSZ composites using Taguchi method and regression analysis. 2011, <i>Portugaliae Electrochimica Acta</i> 29 (1), pp. 23-37.	-			
	9.5 Lee, H.B., Wu, D.S., Lee, C.Y., Lin, C.S., Synergy between corrosion and wear of electrodeposited NiP coating in NaCl solution. (2011) <i>Tribology International</i> 44 (12), pp. 1603-1609.	SRI=2.11533			
	9.6 Bahadormanesh, B., Dolati, A., Ahmadi, M.R., Electrodeposition and characterization of Ni-Co/SiC nanocomposite coatings. (2011) <i>Journal of Alloys and Compounds</i> 509 (39), pp. 9406-9412.	SRI=2.80357			
	8.7 Jia Hu ¹ , Liang Fang ^{1,2,*} , Pei-Wen Zhong ¹ , An-Qiong Tang ¹ , Bo Yin ¹ , Yun Li ³ . Preparation and properties of Ni-Co-P/nano-sized Si₃N₄ electroless composite coatings. <i>Surface and Interface Analysis</i>. Article first published online: 6 SEP 2011/ DOI: 10.1002/sia.3825.	SRI=0.63730			
	8.8 Çinici, H., Karacif, K., Kafkas, F., Çitak, R. Effect of electrolytic nickel coating on fatigue life of iron based powder metal parts. <i>Kovove Materialy</i> (2011) 49 (5) , pp. 355-359.	-			
Citat de 3 ori in 2010			3.5992		
2010	9.1 H.B. Lee, D.S.Wuu, C.Y.Lee, C.S.Lin; Wear and immersion corrosion of Ni-P electrodeposit in NaCl solution; <i>Tribology International</i> 43 (2010) 235–244.	SRI=2.11533			
	9.2 Abouzar Sohrabi, Abolghasem Dolati, Mohammad Ghorbania, Aidin Monfared, Pieter Stroevec;	SRI=1.48387			

		Nanomechanical properties of functionally graded composite coatings: Electrodeposited nickel dispersions containing silicon micro- and nanoparticles; <i>Materials Chemistry and Physics</i> 121 (2010) 497–505.		
	9.3	Wu Jun-liter Xiaogang Ming Dong Chaofang ; SiC particle size on wear resistance of nickel-based composite coating and corrosion resistance. <i>China Nonferrous Metals</i>; 2010, No. 1; p 360.	-	
2009	Citat de 2 ori in 2009 in Reviste ISI			2.80357
	9.1	Aruna S.T., Grips V.K.W., Rajam K.S.; Ni-based electrodeposited composite coating exhibiting improved microhardness, corrosion and wear resistance properties; <i>Journal of Alloys and Compounds</i>, Volume: 468, Issue: 1-2, Pages: 546-552, Published: JAN 22 2009.	SRI=2.80357	
	9.2	Zhong, Y., Dai, P., Zhou, X.; Corrosion characteristic of pulsed electrodeposition nano SiC/Ni-Co composite coating. 2009, <i>Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica</i> 26 (4), pp. 111-118.	-	
2008	Citat 1 data in 2008 in Reviste ISI			0
	9.1	Wielage, B., Lampke, T., Zacher, M., Dietrich, D.; Electroplated nickel composites with micron- To nano-sized particles. 2008, <i>Key Engineering Materials</i> 384, pp. 283-309.	-I	
2007	Citat de 4 ori in 2007 in Reviste ISI			2.2524
	9.1.	Srivastava M, Grips VW, Jain A, et al; Influence of SiC particle size on the structure and tribological properties of Ni-Co composites; <i>Surface & Coatings Technology</i>, Volume: 202, Issue: 2, Pages: 310-318, Published: Nov 25 2007	SRI=1.5135	
	9.2	Aruna ST, Grips VKW, Selvi VE, et al; Studies on electrodeposited nickel-yttria doped ceria composite coatings; <i>Journal of Applied Electrochemistry</i>, Volume: 37, Issue: 9, Pages: 991-1000, Published: Sep 2007.	SRI=0.73089	
	9.3	B. Sheptytska , J. Senatorial; Effect Elektroosazhdennyh Nanostructured Composite Layers On The Surface Properties Of Steel Tribological Studies; <i>Problems of mechanical engineering and automation</i>; ISSN 0234-6206; pages 118-125.	-	
	9.4	Wanguai Ju Chen Miao Wu- ; Corrosion and tribological properties oNiCo / nano-SiO₂ nano composite; <i>Northwest Normal University: Natural Science</i>; No. 6,2007, p 360.	-	
2006	Citat de 4 ori in 2006 in Reviste ISI			4.406
	9.1	Lampke T., Leopold A., Dietrich D., et al; Lampke T.; Correlation between structure and corrosion behaviour of nickel dispersion coatings containing ceramic particles of different sizes; <i>Surface & Coatings</i>	SRI=1.5135	

		<i>Technology</i> , Volume: 201 Issue: 6, Pages: 3510-3517 Published: DEC 4 2006.		
	9.2	Dong Y.S., Lin P.H., Wang H.; Electroplating preparation of Ni-Al₂O₃ graded composite coatings using a rotating cathode ; <i>Surface & Coatings Technology</i> , Volume: 200, Issue: 11, Pages: 3633-3636, Published: Mar 15 2006.	SRI=1.5135	
	9.3	Shi L., Sun C.F., Gao P., et al; Mechanical properties and wear and corrosion resistance of electrodeposited Ni-Co/SiC nanocomposite coating ; <i>Applied Surface Science</i> , Volume: 252, Issue: 10, Pages: 3591-3599, Published: Mar 15 2006.	SRI=1.379	
	9.4	B. Szeptycka, J. Senatorski; Tribological properties of the nanostructural electroplated composite coatings . AITC-AIT 2006. <i>International Conference on Tribology</i> . 20-22 September 2006, Parma, Italy, 10 pages.	-	
	Citat 1 data in 2005 in Reviste ISI			0.53206
2005	9.1	Szeptycka B., Gajewska A.; Investigation of the electrochemical corrosion resistance of hybrid Ni-SiC-fluoropolymer composite coatings ; <i>Materials and Manufacturing Processes</i> , Volume: 20, Issue: 1, Pages: 23-34, Published: 2005.	SRI=0.53206	
TOTAL CITĂRI 2011 – 2005, Article LB 9			23	

	Referința bibliografică a publicației k care citează Cu SRI (Scor relativ de influență) ≥ 0.25	Sk (SRI)	$\sum_k S_k$	n_i	$\frac{1}{n_i} \sum_k S_k$
LB10	Articolul: Benea L., Ponthiaux P., Wenger F., Galland J., Hertz D., Malo J.Y.; Tribocorrosion of stellite 6 in sulphuric acid medium: Electrochemical behaviour and wear, (2004) <i>Wear</i>, 256 (9-10), pp. 948-953.		29.6875	6	4.9479
	Citat de 3 ori in 2011 in Reviste ISI		4.20528		
2011	10.1 Radziejewska, J.; Influence of laser-mechanical treatment on surface topography, erosive wear and contact stiffness . <i>Materials and Design</i> (2011) 32 (10), pp. 5073-5081.	SRI=1.12903			
	10.2 Sun, Y., Rana, V. Tribocorrosion behaviour of AISI 304 stainless steel in 0.5 M NaCl solution . <i>Materials Chemistry and Physics</i> 129 (1-2), pp. 138-147.	SRI=1.48387			
	10.3 E. Arslan, Y. Totik, I. Efeoglu. The investigation of the tribocorrosion properties of DLC coatings deposited on Ti6Al4V alloys by CFUBMS . <i>Progress in Organic Coatings</i> . doi:10.1016/j.porgcoat.2011.10.023.	SRI=1.59238			

	Citat de 3 ori in 2010 in Reviste ISI			4.58559	
2010	10.1	Diomidis N., Celis J.P., Ponthiaux P., et al.; Tribocorrosion of stainless steel in sulfuric acid: Identification of corrosion-wear components and effect of contact area ; <i>Wear</i> , Volume: 269, Issue: 1-2, Pages: 93-103, Published: May 20 2010.	SRI=1.97269		
	10.2	Y. Sun, and Vipul Rana; Tribocorrosion behaviour of AISI 304 stainless steel in 0.5 M NaCl solution ; <i>Materials Chemistry and Physics</i> . Volume 129, Issues 1-2, 15 September 2011, Pages 138-147	SRI=1.48387		
	10.3	Cakmak E.; Tekin K.C.; Malayoglu U.; Tribocorrosion of Stellite 706 and Tribaloy 400 superalloys ; <i>Tribology – Materials, Surfaces & Interfaces</i> , Volume 4, Number 1, March 2010, pp. 8-14(7).	-		
	10.4	Joanna Radziejewska; Influence of laser-mechanical treatment on surface topography, erosive wear and contact stiffness . <i>Materials and Design</i> (2011), doi: 10.1016/j.matdes.2011.06.035.	SRI=1.12903		
	Citat de 2 ori in 2009 in Reviste ISI			4.27381	
2009	10.1	Diomidis N., Göçkan; Assessment of the surface state behaviour of Al71Cu10Fe9Cr10 and Al3Mg2 complex metallic alloys in sliding contacts ; <i>Intermetallics</i> 17 (11), pp. 930-937 (2009).	SRI=4.27381		
	10.4	Diomidis, N., Celis, J.-P., Ponthiaux, P., Wenger, F.; A methodology for the assessment of the tribocorrosion of passivating metallic materials ; <i>Lubrication Science</i> . 21 (2), pp. 53-67 (2009).	0		
	Citat de 3 ori in 2008 in Reviste ISI			6.97808	
2008	10.1	Lu R., Minarro L., Su Y.-Y., Shemenski R.M., Failure mechanism of cemented tungsten carbide dies in wet drawing process of steel cord filament , <i>International Journal of Refractory Metals and Hard Materials</i> 26 (6), pp. 589-600 (2008).	SRI=2.83333		
	10.2	Mischler S., Triboelectrochemical techniques and interpretation methods in tribocorrosion: A comparative evaluation , <i>Tribology International</i> 41 (7), pp. 573-583 (2008).	SRI=2.11533		
	10.3	Krawiec H., Vignal V., Heintz O., Ponthiaux P., Wenger F., Local electrochemical studies and surface analysis on worn surfaces , <i>Journal of the Electrochemical Society</i> 155 (3), pp. C127-C130 (2008).	SRI=2.02948		
	Citat 1 data in 2007 in Reviste ISI			0	
2007	10.1	Dos Santos C.B., Holeczek H., Romankiewicz K., Zoppas Ferreira J.; Modelling surface changes during tribocorrosion tests under potentiostatic or potentiodynamic control ; <i>Galvanotechnik</i> , Vol.98 (2007), No.12, pp.2945-2951.	-		
2006	Citat se 5 ori in 2006 in Reviste ISI			9.64474	

10.1	D. Landolt; Electrochemical and materials aspects of tribocorrosion systems ; <i>Journal of Physics D: Applied Physics</i> 2006, 39 (15), art. No. S01, pp. 3121-3127.	SRI=1.81	
10.2	Hertz, D.; Approach to analysis of wear mechanisms in the case of RCCAs and CRDM latch arms: From observation to understanding ; <i>Wear</i> 261 (9), pp. 1024-1031 (2006).	SRI=1.97269	
10.3	Vignal V., Mary N., Ponthiaux P., Wenger F.; Influence of friction on the local mechanical and electrochemical behaviour of duplex stainless steels ; <i>Wear</i> 261 (9), pp. 947-953 (2006)	SRI=1.97269	
10.4	Celis J.-P., Ponthiaux P., Wenger F.; Tribo-corrosion of materials: Interplay between chemical, electrochemical, and mechanical reactivity of surfaces ; <i>Wear</i> 261 (9), pp. 939-946 (2006).	SRI=1.97269	
10.5	Déforge D., Huet F., Nogueira R.P., Ponthiaux P., Wenger F.; Electrochemical noise analysis of tribocorrosion processes under steady-state friction regime ; <i>Corrosion</i> . 62 (6), pp. 514-521 (2006).	SRI=1.91667	
TOTAL CITĂRI 2011 – 2006 Article LB 10			18

	Referința bibliografică a publicației k care citează Cu SRI (Scor relativ de influență) ≥ 0.25	Sk (SRI)	$\sum_k S_k$	n_i	$\frac{1}{n_i} \sum_k S_k$
LB 11	Articolul: L. Benea, O. Mitoseriu, J. Galland, F. Wenger, P. Ponthiaux; Corrosion study of copper composite coating by impedance spectroscopy method; <i>Mater. Corros.</i> 51 (2000) 491–495.		6.7075	5	1.3515
2011	Citat de 1 dată în 2011 în Reviste ISI		1.5135		
11.1	Alain Robin, Júlio Cesar Pinheiro de Santana, Antonio Fernando Sartori; Co-electrodeposition and characterization of Cu–Si3N4 composite coatings . <i>Surface & Coatings Technology</i> , 205 (2011) 4596–4601.	SRI=1.5135			
	Citat de 3 ori în 2010 în Reviste ISI		4.344		
11.1	J. Melnik, X.Z. Fu, J.L. Luo, A.R. Sanger, K.T. Chuang, Q.M. Yang; Ceria and copper/ceria functional coatings for electrochemical applications: Materials preparation and characterization ; <i>Journal of Power Sources</i> 195 (2010) 2189–2195.	SRI=2.09970			
11.2	Robin A., de Santana J.C.P., Sartori A.F.; Characterization of copper-silicon nitride composite electrocoatings ; <i>Journal of Applied Electrochemistry</i> , Volume: 40, Issue: 3, Pages: 507-513, Published: MAR 2010.	SRI=0.73089			
11.3	Alain Robin, Jorge Luiz Rosa, Messias Borges Silva; Electrodeposition and characterization of Cu–Nb composite coatings ; <i>Surface & Coatings Technology</i> , 205 (2010) 2152–2159.	SRI=1.5135			

2009	Citat 1 data in 2009 in Reviste ISI			0.85	
	11.1	Ramalingam S., Muralidharan V.S., Subramania A.; Electrodeposition and characterization of Cu-TiO₂ nanocomposite coatings ; <i>Journal of Solid State Electrochemistry</i> , Volume: 13, Issue: 11, Pages: 1777-1783, Published: Nov 2009.	SRI=0.85		
2007	Citat 1 data in 2007 in Reviste ISI			0	
	11.1	Muresan L., Gherman M., Zamblau I., et al.; Corrosion behavior of electrochemically deposited Zn-TiO₂ nanocomposite coatings ; <i>Studia Universitatis Babes-Bolyai Chemia</i> , Volume: 52, Issue: 3, Pages: 97-104, Published: 2007.	0		
TOTAL CITĂRI 2010 - 2002 Article LB 11				7	

	Referința bibliografică a publicației k care citează Cu SRI (Scor relativ de influență) ≥ 0.25	Sk (SRI)	$\sum_k S_k$	n_i	$\frac{1}{n_i} \sum_k S_k$
LB 12	Benea L.; Electrodeposition of zirconia particles in a copper matrix; <i>Materials and Manufacturing Processes</i>, Volume: 14, Issue: 2, Pages: 231-242, Published: 1999.		9.40345	1	9.40345
2011	Citat de 2 ori in 2011 in Reviste ISI			6.83305	
	12.1	Frade T., Gomes A., Pereira M.I.D., et al.; Studies on the Stability of Zn and Zn-TiO₂ Nanocomposite Coatings Prepared by Pulse Reverse Current ; <i>Journal of the Electrochemical Society</i> , Volume: 158, Issue: 3, Pages: C63-C70, Published: 2011	SRI=2.02948		
	12.2	Udhayabanu, V., Ravi, K.R., Murugan, K., Sivaprahasam, D., Murty, B.S. Development of Ni-Al₂O₃ in-situ nanocomposite by reactive milling and spark plasma sintering . <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> (2011) 42 (7), pp. 2085- 2093.	SRI=4.80357		
2009	Citat 1 data in 2009 in Reviste ISI			1.19140	
	12.1	Jung A., Natter H., Hempelmann R., et al.; Nanocrystalline alumina dispersed in nanocrystalline nickel:	SRI=1.19140		

		enhanced mechanical properties; <i>Journal of Materials Science</i> , Volume: 44, Issue: 11, Pages: 2725-2735, Published: JUN 2009.		
2006	Citat 1 data in 2006 in Reviste ISI			0
	12.1	Zhang Z., Niu Z. X., Zhang J. Q., Cao C. N.; Electrodeposition of Ni-SiC nanocomposite coatings based on the surface charge determination of SiC nanoparticles ; <i>Bulletin of Electrochemistry</i> , 2006, vol. 22, no 4, pp. 189-192.	0	
2005	Citat 1 data in 2005 in Reviste ISI			1.379
	12.1	Hu F., Chan K.C.; Deposition behaviour and morphology of Ni-SiC electro-composites under triangular waveform ; <i>Applied Surface Science</i> , Volume: 243, Issue: 1-4, Pages: 251-258, Published: APR 30 2005.	SRI=1.379	
TOTAL CITĂRI 2011 - 2005 Article LB 12				5

	Referința bibliografică a publicației k care citează Cu SRI (Scor relativ de influență). ≥ 0.25	Sk (SRI)	$\sum_k S_k$	n_i	$\frac{1}{n_i} \sum_k S_k$
LB 13	Lidia Benea. Electrodeposition and tribocorrosion behaviour of ZrO₂-Ni composite coatings. <i>Journal of Applied Electrochemistry</i> , 39, 2009, 1671-1681.		3.5678	1	3.5678
2011	Citat de 2 ori in 2011 in Reviste ISI			3.5678	
	13.1	A. Samide* and B. Tutunaru. Study of the Corrosion Resistance of Ni/CeO₂ Composite Coatings Electrodeposited on Carbon Steel in Hydrochloric Acid. <i>Chem. Biochem. Eng. Q.</i> 25 (2) 203-208 (2011).	SRI= 3.18090		
	13.2	Bełowska-Lehman, E., Góral, A., Indyka, P. Electrodeposition and characterization of Ni/Al 20 3 nanocomposite coatings. <i>Archives of Metallurgy and Materials</i> 56 (4), pp. 919-931.	SRI=0.38690		
TOTAL CITĂRI 2011 Article LB 13				2	

SUMAR INDICATOR C: $C = \frac{1}{n_i} \sum_k S_k$ (LB1 - LB13)

Nr crt	Cod	Autori / Titlu	$\frac{1}{n_i} \sum_k S_k$
1	LB1	Benea L. , Bonora P.L., Borello A., Martelli S.; Wear corrosion properties of nano-structured SiC-nickel composite coatings obtained by electroplating ; (2001) <i>Wear</i> , 249 (10-11), pp. 995-1003 (2001).	25.45
2	LB2	Berradja A., Bratu F., Benea L. , Willems G., Celis J.-P.; Effect of sliding wear on tribocorrosion behaviour of stainless steels in a Ringer's solution , (2006) <i>Wear</i> , 261 (9), pp. 987-993.	8.44096
3	LB3	Benea L. ; Wenger F.; Ponthiaux P., Celis J. P.; Tribocorrosion behaviour of Ni-SiC nano-structured composite coatings obtained by electrodeposition ; <i>Wear</i> , Volume: 266, Issue: 3-4, Pages: 398-405, Published: FEB 5, 2009.	6.9055
4	LB4	Ciubotariu A., Benea L. , Lakatos-Varsanyi M., Dragan V.; Electrochemical impedance spectroscopy and corrosion behaviour of Al₂O₃-Ni nano composite coatings , (2008) <i>Electrochimica Acta</i> , 53 (13), pp. 4557-4563.	6.397157
5	LB5	Benea L. , Bonora P.L., Borello A., Martelli S., Wenger F., Ponthiaux P., Galland J., Preparation and investigation of nanostructured SiC-nickel layers by electrodeposition , (2002) <i>Solid State Ionics</i> , 151 (1-4), pp. 89-95.	7.9109
6	LB6	Benea L. , Bonora P.L., Borello A., Martelli S., Wenger F., Ponthiaux P., Galland J., Composite Electrodeposition to Obtain Nanostructured Coatings , <i>Journal of the Electrochemical Society</i> , 148 (7), Volume: 148 Issue: 7 Pages: C461-C465, JUL 2001.	7.6053
7	LB7	Bratu F., Benea L. , Celis J.-P.; Tribocorrosion behaviour of Ni-SiC composite coatings under lubricated conditions ; (2007) <i>Surface and Coatings Technology</i> , 201 (16-17), pp. 6940-6946.	3.62267
8	LB8	Carac G., Benea L. , Iticescu C., Lampke T., Steinhauser S., Wielage B.; Codeposition of cerium oxide with nickel and cobalt: Correlation between microstructure and microhardness , (2004) <i>Surface Engineering</i> , 20 (5), pp. 353-359.	3.500
9	LB9	Benea L. , P.L. Bonora, A. Borello, S. Martelli. Effect of SiC size dimensions on the corrosion wear resistance of the electrodeposited composite coatings ; <i>Materials and Corrosion,-Werkstoffe und Korrosion</i> , Volume: 53, Issue: 1, Pages: 23-29 Published: JAN 2002.	5.34324
10	LB10	Benea L. , Ponthiaux P., Wenger F., Galland J., Hertz D., Malo J.Y.; Tribocorrosion of stellite 6 in sulphuric acid medium: Electrochemical behaviour and wear , (2004) <i>Wear</i> , 256 (9-10), pp. 948-953.	4.9479
11	LB11	L. Benea , O. Mitoseriu, J. Galland, F. Wenger, P. Ponthiaux; Corrosion study of copper composite coating by impedance spectroscopy method ; <i>Mater. Corros.</i> 51 (2000) 491-495.	1.3515
12	LB12	Benea L. ; Electrodeposition of zirconia particles in a copper matrix ; <i>Materials and Manufacturing Processes</i> , Volume: 14, Issue: 2, Pages: 231-242, Published: 1999.	9.40345
13	LB13	Lidia Benea . Electrodeposition and tribocorrosion behaviour of ZrO₂-Ni composite coatings . <i>Journal of Applied Electrochemistry</i> , 39, 2009, 1671-1681.	3.5678
TOTAL			C=94.4464

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