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H index = 10

10 articole ISI publicate cu număr de citări pe fiecare articol >10 , Hirsch Index (H) = 10

Conform tabelelor de mai jos cu citările pe fiecare articol.
LB1-LB15

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 ŞI ARTICOLE ISI PUBLICATE (CITĂRI IN ARTICOLE ISI)

LB 1		**Articolul: Benea L.**, Bonora P.L., Borello A., Martelli S.; **Wear corrosion properties of nano-structured SiC-nickel composite coatings obtained by electroplating**; (2002) *Wear*, 249 (10-11), pp. 995-1003.	**TOTAL CITARI 2004-2011** **97**
2011	**Citat de 15 ori in 2011 in Reviste ISI:**		
	1.1	Borkar T., Harimkar S.P.; **Effect of electrodeposition conditions and reinforcement content on microstructure and tribological properties of nickel composite coatings**; *Surface & Coatings Technology*, Volume: 205, Issue: 17-18, Pages: 4124-4134, Published: May 25 2011	F.I=1.793 SRI=1.67
	1.2	Tian, L., Xu, J.; **Electrodeposition and characterization of Ni-Y_2O_3 Composite**; (2011) *Applied Surface Science* 257 (17), pp. 7615-7620	F.I=1.895 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) *Pure and Applied Chemistry* 83 (2), pp. 295-308.	F.I.=2.128 SRI=2.686
	1.4	Sadeghi, A., Khosroshahi, R., Sadeghian, Z.; **Morphological, mechanical, corrosion and hydrogen permeation characteristics of Ni-nano-TiO_2 composite coating compared to Ni electrodeposited on low carbon steel**; (2011) *Journal of Surface Investigation* 5 (1), pp. 186-192. ISSN: 1027-4510.	F.I.=1.415 SRI=0.08
	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) *Advanced Materials Research* 154-155, pp. 1375-1378.	I.F.=10.8 SRI=10.3
	1.6	Singh, D.K., Singh, V.B., **Electrodeposition of Ni-SiC composite from a non-aqueous bath**, (2011) *Journal of the Electrochemical Society* 158 (2), pp. D114-D118.	I.F.=2.483 SRI=2.175
	1.7	Jia-Hu Ouyang, Xue-Song Liang, Jie Wen, Zhan-Guo Liu, Zhen-Lin Yang. **Electrodeposition and tribological properties of self-lubricating Ni–$BaCr_2O_4$ composite coatings**. *Wear*, Volume 271, Issues 9-10, 29 July 2011, Pages 2037-2045.	I.F.=1.509 SRI=2.077
	1.8	Vathsala, K., Venkatesha, T.V.; Zn-ZrO2 nanocomposite coatings: **Elecrodeposition and evaluation of corrosion resistance**. (2011) *Applied Surface Science* 257 (21), pp. 8929-8936	F.I=1.895 SRI=1.379
	1.9	Bose, R., Kalaignan, G.P. Fortification of Ni-Y2O3 nanocomposite coatings prepared by pulse and direct current methods. 2011, *Ionics* 17 (6), pp. 495-501	I.F.=1.052 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.** *Advanced MaterialsResearch.* (2011) 314-316, pp. 236-239	I.F.=10.8
	1.11	P. Narasimman, Malathy Pushpavanam, V.M. Periasamy; **Synthesis, characterization and comparison of sediment electro-codeposited nickel-micro and nano SiC composites.** *Applied Surface Science* 258 (2011) 590– 598.	I.F.=1.895 SRI=1.379
	1.12	M. Ortolani, C. Zanella, C.L. Azanza Ricardo, P. Scardi. **Elastic grain interaction in electrodeposited nanocomposite Nickel matrix coatings**. *Surface & Coatings Technology.* (2011). doi: 10.1016/j.surfcoat.2011.10.056.	F.I=1.793 SRI=1.67
	1.13	Shoeib, M.A., **Electrodeposited zinc/nickel coatings- A review**. (2011) *Galvanotechnik* 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**. *Kovove Materialy*, 49 (5), pp. 355-359.	
	1.15	E. Garc´ıa-Lecina, I. Garc´ıa-Urrutia, J.A. D´ıez, J. Morgiel, P. Indyka. **A comparative study of the effect of mechanical and ultrasound agitation on the properties of electrodeposited Ni/Al2O3 nanocomposite coatings**. *Surface & Coatings Technology.* 2011. doi: 10.1016/j.surfcoat.2011.12.037.	F.I=1.793 SRI=1.67

	TOTAL 2011		**15**
2010	**Citat de 14 ori in 2010 in Reviste ISI:**		
	1.1.	ZHOU Zhao-feng, PAN Yong, LEI Wei-xin; **Ni nanocomposite films formed by Ni nanowires embedded in Ni matrix using electrodeposition**; *Trans. Nonferrous Met. Soc. China* 20 (2010) 637−642.	I.F.=0.676
	1.2	Minho Kim, Fangfang Sun, Jaebeom Lee, Yang Ki Hyun, Dongyun Lee; **Influence of ultrasonication on the mechanical properties of Cu/Al_2O_3 nanocomposite thin films during electrocodeposition**; *Surface & Coatings Technology* 205 (2010) 2362–2368.	F.I=1.793 SRI=1.67
	1.3.	M. Lekka, C. Zanella, A. Klorikowska; **Scaling-up of the electrodeposition process of nano-composite coating for corrosion and wear protection**; *Electrochimica Acta* 55 (2010) 7876–7883.	I.F.=3.325 SRI=1.56
	1.4	P. Baghery, M. Farzam, A.B. Mousavi, M. Hosseini; **Ni–TiO_2 nanocomposite coating with high resistance to corrosion and wear;** *Surface & Coatings Technology* 204 (2010) 3804–3810.	F.I=1.793 SRI=1.67
	1.5	Weiwei Chen, Yedong He, Wei Gao; **Electrodeposition of sol-enhanced nanostructured Ni-TiO_2 composite coatings;** *Surface & Coatings Technology* 204 (2010) 2487–2492.	F.I=1.793 SRI=1.67
	1.6	B. Ranjith, G. Paruthimal Kalaignan; **Ni–Co–TiO_2 nanocomposite coating prepared by pulse and pulse reversal methods using acetate bath**; *Applied Surface Science* 257 (2010) 42–47.	F.I=1.895 SRI=1.379
	1.7	H. FAN; **Electroplating of Compound Ni–SiC Coatings and Improvement of Wear Resistance**; *Key Engineering Materials* , 2010, 426-427, 399.	I.F.=0.497
	1.8	Wu, M.-H., Xue, J.-H., Lv, H.; **Effects of heat treatment on wear resistance of nano Ni-TiN composite layer;** *Gongneng Cailiao/Journal of Functional Materials* 41 (4), pp. 607-609, 2010.	I.F.=0.1
	1.9	Fan, H.; **Electroplating of compound Ni-SiC coatings and improvement of wear resistance.**; *Key Engineering Materials* 2010, 426-427, pp. 399-402.	I.F.=0.497
	1.10	Medina L.A.T., Calderón J.A.; **Evaluation of resistance to erosion-corrosion of nickel coatings modified with diamond nanoparticles**; *Revista Facultad de Ingenieria* 2010, (54), pp. 42-48.	I.F.=0.08
	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**. *Materials & Corrosion*. Article first published online: 16 AUG 2010, DOI: 10.1002/maco.200905611.	I.F.=0.527 SRI=1.5
	1.12	Rusu D.E., Cojocaru P., Magagnin L., Gheorghies C., Cârâc G.; **Study of Ni-TiO_2 nanocomposite coating prepared by electrochemical deposition**; *Journal of Optoelectronics and Advanced Materials* . 2010. 12 (12), pp. 2419-2422.	I.F.=0.433 SRI=0.33
	1.13	Zanella, C., Lekka, M., Bonora, P.L.; **Effect of ultrasound vibration during electrodeposition of Ni-SiC nanocomposite coatings.** *Surface Engineering* 2010, 26 (7), pp. 511-518.	I.F.=0.571 SRI=0.5
	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, *Electrochimica Acta* 55 (27), pp. 7876-7883.	I.F.=3.325 SRI=1.56
	TOTAL 2010		**14**
2009	**Citat de 12 ori in 2009 in Reviste ISI:**		
	1.1	Han B., Lu X.; **Effect of nano-sized CeF_3 on microstructure, mechanical, high temperature friction and corrosion behavior of Ni-W composite coatings**; *Surface and Coatings Technology* 203 (23), pp.3656-3660 (2009).	F.I=1.793 SRI=1.67
	1.2	Praveen B.M., VenkateshaT.V.; **Electrodeposition and properties of Zn-Ni-CNT composite coatings**; *Journal of Alloys and Compounds* 482 (1-2), pp.53-57 (2009).	I.F.=2.134 SRI=2.9
	1.3	Huang Z.-J., Xiong D.-S.; **Dependence of corrosion behavior of Ni-MoS_2/Al_2O_3 coatings in relation to the Al_2O_3 Rrtio in MoS_2/Al_2O_3 particles**; *Surface Review and Letters* 16 (3), pp. 455-462 (2009).	I.F.=0.357 SRI=0.22
	1.4	Spanou S., Pavlatou E.A.,Spyrellis N.; **Ni/nano-TiO_2 composite electrodeposits: Textural and structural modifications**; *Electrochimica Acta* 54 (9), pp. 2547-2555 (2009).	I.F.=3.325 SRI=1.56

	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**; *Electrochimica Acta* 54 (9), pp. 2556-2562 (2009).	**I.F.=3.325 SRI=1.56**
	1.6	Zamblau I., Varvara S., Bulea C., Muresana L.M.; **Corrosion Behavior of Composite Coatings Obtained by Electrolytic Codeposition of Copper with Al_2O_3 Nanoparticles**; *Chemical and Biochemical Engineering Quarterly* 23 (1), pp. 43-52 (2009).	**I.F.=1.787 SRI=0.438**
	1.7	Liang X.-S., Ouyang J.-H., Li Y.-F., Wang Y.-M.; **Electrodeposition and tribological properties of Ni-$SrSO_4$ composite coatings;** *Applied Surface Science* 255 (7), pp. 4316-4321 (2009).	**F.I=1.895 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**; *Materials Research Bulletin* 44 (1), pp. 151-159 (2009).	**I.F.=2.145 SRI=1.16**
	1.9	ZHANG Yan, PENG Xiao, WANG Fuhui; **Effect of Cr particle contents on microstructure of the electrodeposied Ni-Cr nanocomposite**; *Chinese Journal of Materials Research* (2009), 23(6), pp. 610-615.	**I.F.=0.230**
	1.10	XU Yunhua, CAO Kening, YANG Yuguo, ZHAO Yu, GONG Xiaojing; **Microhardness of Ni-Co alloy plated by high frequency pulse currents**; *Journal of Chinese Society for Corrosion and Protection* (2009), 29(2) pp. 141-144.	**I.F.=0.190**
	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;** *Journal of Physics: Conference Series*. 2009, Volume 187 Number 012083.	**I.F.=0.120**
	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**. *Surface Review and Letters*; 2009, Volume 16, Issue 03, 455-462**.**	**I.F.=0.357 SRI=0.22**
	TOTAL 2009		**12**
2008	**Citat de 9 ori in 2008 in Reviste ISI**		
	1.1	Kumar A., Agrawal V.P.; **Structural modelling and analysis of electroplating system: A graph theoretic system approach**; *International Journal of Surface Science and Engineering* 2 (6), pp. 520-540 (2008).	**I.F.=1.104 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**; *Metals and Materials International* 14 (5), pp. 599-605 (2008).	**I.F.= 1.195 SRI=1.629**
	1.3	Zheng H.-Y., An M.-Z.; **Electrodeposition of Zn-Ni-Al_2O_3 nanocomposite coatings under ultrasound conditions;** *Journal of Alloys and Compounds* 459 (1-2), pp. 548-552 (2008).	**.F.=2.134 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**; *Surface Engineering*. 24 (3), pp. 236-239 , (2008).	**F.I=0.571 SRI=0.5**
	1.5	Wang N., Cao X., Kong D., Chen W., Guo L., Chen C.; **Nickel chains assembled by hollow microspheres and their magnetic properties;** *Journal of Physical Chemistry C* 112 (17), pp. 6613-6619 (2008).	**I.F.=4.520 SRI=2.62**
	1.6	Han B., Lu X.; **Tribological and anti-corrosion properties of Ni-W-CeO_2 coatings against molten glass**; *Surface and Coatings Technology* 202 (14), pp. 3251-3256, (2008).	**F.I=1.793 SRI=1.67**
	1.7	Vaezi M.R., Sadrnezhaad S.K., Nikzad L.; **Electrodeposition of Ni-SiC nano-composite coatings and evaluation of wear and corrosion resistance and electroplating characteristics**; *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 315 (1-3), pp. 176-182 (2008).	**I.F.=2.130 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**; *Surface and Coatings Technology* 202 (10), pp. 1975-1979 (2008).	**F.I=1.793 SRI=1.67**
	1.9	Zheng H.-y., An M.-z., Lu J.-f.; **Surface characterization of the Zn-Ni-Al_2O_3 nanocomposite coating fabricated under ultrasound condition**; *Applied Surface Science* 254 (6), pp. 1644-1650 (2008).	**F.I=1.895 SRI=1.379**
	TOTAL 2008		**9**

2007	**Citat de 17 ori in 2007 in Reviste ISI**		
	1.1	Jiang B., Xu B., Dong S., Yi Y., Ding P.; **Contact fatigue behavior of nano-ZrO_2/Ni coating prepared by electro-brush**; *Surface and Coatings Technology* 202 (3), 2007, pp. 447-452.	F.I=1.793 SRI=1.67
	1.2	Sun X.J., Li J.G.; **Friction and wear properties of electrodeposited nickel-titania nanocomposite coatings;** *Tribology Letters* 28 (3), 2007, pp. 223-228.	F.I=1.574 SRI=2.25
	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**; *Surface and Coatings Technology* 202 (2), 2007, pp. 310-318.	F.I=1.793 SRI=1.67
	1.4	Wood R.J.K.; **Tribo-corrosion of coatings: A review**; *Journal of Physics D: Applied Physics* 40 (18), art. no. S10, 2007, pp. 5502-5521.	I.F.=2.109 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**; *Journal of Korean Institute of Metals and Materials* 45 (9), 2007, pp. 514-519.	I.F.=1.05
	1.6	Y. Zhou, H. Zhanga, B. Qiana; **Friction and wear properties of the co-deposited Ni–SiC nanocomposite coating**; *Applied Surface Science* 253 (20), 2007, pp. 8335-8339.	F.I=1.895 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**; *Journal of the Electrochemical Society* 154 (8), 2007, pp. D394-D399.	I.F.=2.483 SRI=2.175
	1.8	Chu G., Liu S.-Z.; **Preparation of Ni-Cu composite coating by composite electroplating**; *Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)* 38 (3), 2007, pp. 474-479.	I.F.=0.307
	1.9	Bin Wu, Bin-shi Xu, Bin Zhang, Yao-hui Lü; **Preparation and properties of Ni/nano-Al_2O_3 composite coatings by automatic brush plating**; *Surface and Coatings Technology* 201 (16-17), 2007, pp. 6933-6939.	F.I=1.793 SRI=1.67
	1.10	LIU Y. Y., YU J., HUANG H., XU B. H., LIU X. L., GAO Y.; **Synthesis and tribological behavior of electroless Ni-P-WC nanocomposite coatings**; *Surface and Coatings Technology* 201 (16-17), 2007, pp. 7246-7251.	F.I=1.793 SRI=1.67
	1.11	Felicia Bratu, Lidia Benea, Jean-Pierre Celis; **Tribocorrosion behaviour of Ni–SiC composite coatings under lubricated conditions;** *Surface and Coatings Technology* 201 (16-17), 2007, pp. 6940-6946.	F.I=1.793 SRI=1.67
	1.12	Wei-Long Liu, Shu-Hue Hsieh, Shen-Jenn Hwang, Ting-Kan Tsai, Wen-Jauh Chen; **Tribological properties of electroless Ni-P-SiC composite coatings in rolling/sliding contact under boundary lubrication**; *Journal of University of Science and Technology Beijing: Mineral Metallurgy Materials (Eng Ed)* 14 (2), 2007, pp. 167-172.	I.F.=0.416
	1.13	B. M. Praveen, T. V. Venkatesha, Y. A. Naik, K. Prashantha; **Corrosion Studies of Carbon Nanotubes-Zn Composite Coating;** *Surface and Coatings Technology* 201 (12), pp. 5836-5842.	F.I=1.793 SRI=1.67
	1.14	B. Yu, P. Woo, U. Er; **Corrosion behaviour of nanocrystalline copper foil in sodium hydroxide solution**; *Scripta Materialia* 56 (5), pp. 353-356.	I.F.=2.806 SRI=7.51
	1.15	Srivastava M, Grips VKW, Rajam KS; **Electrochemical deposition and tribological behaviour of Ni and Ni-Co metal matrix composites with SiC nano-particles**; *Applied Surface Science* 253 (8), pp. 3814-3824.	F.I=1.895 SRI=1.379
	1.16	Lee H.K., Lee H.Y., Jeon J.M.; **Codeposition of micro- and nano-sized SiC particles in the nickel matrix composite coatings obtained by electroplating**; *Surface and Coatings Technology* 201 (8), pp. 4711-4717.	F.I=1.793 SRI=1.67
	1.17	Zhao-xia NIU, Fa-he CAO, Wei WANG, Zhao ZHANG, Jian-qing ZHANG, Chu-nan CAO; **Electrodeposition of Ni-SiC nanocomposite film**; *Transactions of Nonferrous Metals Society of China (English Edition)* 17 (1), 2007, pp. 9-15.	I.F.=0.676
	TOTAL 2007		**17**
2006	**Citat de 11 ori in 2006 in Reviste ISI**		
	1.1	L.M. Changa, M.Z. An, H.F. Guo, S.Y. Shi; **Microstructure and properties of Ni–Co/nano-Al_2O_3 composite coatings by pulse reversal current electrodeposition**; *Applied Surface Science*, Volume 253, Issue 4, 15 December 2006, Pages 2132-2137.	F.I=1.895 SRI=1.379
	1.2	Huanyu ZHENG, Maozhong AN, Junfeng LU; **Corrosion behavior of Zn-Ni-Al_2O_3 composite coating;** *Rare Metals*, Volume 25, Issue 6, Supplement 2, December 2006, Pages 174-178.	I.F.=0.643 SRI=0.99

	1.3	Low C.T.J., Wills R.G.A., Walsh F.C.; **Electrodeposition of composite coatings containing nanoparticles in a metal deposit;** *Surface and Coatings Technology*, Volume 201, Issue 1-2, September 2006, Pages 371-383.	F.I=1.793 SRI=1.67
	1.4	T.Z. Zoua, J.P. Tua, S.C. Zhanga, L.M. Chena, Q. Wanga, L.L. Zhanga, D.N. He; **Friction and wear properties of electroless Ni-P- (IF-MoS_2) composite coatings in humid air and vacuum**; *Materials Science and Engineering: A*, Volume 426, Issues 1-2, 25 June 2006, Pages 162-168.	I.F.=2.090 SRI=1.46
	1.5	Shi L., Sun C.F., Gao P., Zhou F., Liu W.M.; **Electrodeposition and characterization of Ni-Co-carbon nanotubes composite coatings**; *Surface and Coatings Technology*, Volume 200, Issue 16-17, April 2006, Pages 4870-4875.	F.I=1.793 SRI=1.67
	1.6	S.J. Yan, W.H. Tian, L. Qi; **Preparation of tem thin foil containing powder particle by electrodeposition method**; *Acta Metallurgica Sinica (English letters)* 2006, 19(2), pp. 98-104.	I.F.=0.477
	1.7	E. A. Pavlatou, M. Stroumbouli, P. Gyftou, N. Spyrellis; **Hardening effect induced by incorporation of SiC particles in nickel electrodeposits;** *Journal of Applied Electrochemistry*, Vol. 36, No. 4. (April 2006), pp. 385-394.	I.F.=1.697 SRI=0.9
	1.8	Hou FY, Wang W, Guo HT; **Effect of the dispersibility of ZrO_2 nanoparticles in Ni-ZrO_2 electroplated nanocomposite coatings on the mechanical properties of nanocomposite coatings**; *Applied Surface Science*, 252(10), pp.3812-3817 (2006).	F.I=1.895 SRI=1.379
	1.9	Y.S. Dong, P.H. Lina, H.X. Wang; **Electroplating preparation of Ni–Al_2O_3 graded composite coatings using a rotating cathode;** *Surface and Coatings Technology*, Volume 200, Issue 11, 15 March 2006, Pages 3633-3636.	F.I=1.793 SRI=1.67
	1.10	Xue Yu-Jun, Li Ji-Shun, Ma Wei, Zhou Yan-Wei, Duan Ming-De; **Sliding wear behaviors of electrodeposited nickel composite coatings containing micrometer and nanometer La_2O_3 particles;** *Journal of Materials Science*, vol. 41, issue 6, pp. 1781-1784.	I.F.=1.859 SRI=1.00
	1.11	Th. Lampke, A. Leopold, D. Dietrich, G. Alisch and B. Wielage**; Correlation between structure and corrosion behaviour of nickel dispersion coatings containing ceramic particles of different sizes**. *Surface and Coatings Technology*; Volume 201, Issue 6, 4 December 2006, Pages 3510-3517.	F.I=1.793 SRI=1.67
		TOTAL 2006	**11**
2005	**Citat de 12 ori in 2005 in Reviste ISI**		
	1.1	J. Li, Y. Sun, X. Sun, J. Qiao; **Mechanical and corrosion-resistance performance of electrodeposited titania–nickel nanocomposite coatings**; *Surface and Coatings Technology*; Volume 192, Issues 2-3, 21 March 2005, Pages 331-335.	F.I=1.793 SRI=1.67
	1.2	Lingzhong Du, Binshi Xu, Shiyun Dong, Hua Yang, Yixiong Wu; **Preparation, microstructure and tribological properties of nano-Al_2O_3/Ni brush plated composite coatings;** *Surface and Coatings Technology*; Volume 192, Issues 2-3, 21 March 2005, Pages 311-316.	F.I=1.793 SRI=1.67
	1.3	Malfatti C.F., Zoppas Ferreira J., Santos C.B., Souza B.V., Fallavena E.P., Vaillant S., Bonino Jean-Pierre; **NiP/SiC composite coatings: the effects of particles on the electrochemical behaviour**; *Corrosion science* (Corros. sci.) ISSN 0010-938X. 2005, vol. 47, n°3(33 ref.), pp. 567-580.	I.F.=3.261 SRI=4.09
	1.4	L. Shi, C.F. Sun, F. Zhou, W.M. Liu; **Electrodeposited nickel–cobalt composite coating containing nano-sized Si_3N_4;** *Materials Science and Engineering A*; Volume 397, Issues 1-2, 25 April 2005, Pages 190-194.	I.F.=2.090 SRI=1.46
	1.5	Szczygieł B., Kołodziej M; **Corrosion resistance of Ni/Al_2O_3 coatings in NaCl solution**; *Transactions of the Institute of Metal Finishing;*, Volume 83, Number 4, August 2005 , pp. 181-187(7).	I.F.=0.676 SRI=0.83
	1.6	Toshiki Tsubota, Shunsuke Tanii, Toshihito Ishida, Masanori Nagata, Yasumichi Matsumoto; **Composite electroplating of Ni and surface-modified diamond particles with silane coupling regent**; *Diamond and Related Materials*; Volume 14, Issues 3-7, March-July 2005, Pages 608-612.	I.F.=1.906
	1.7	Chan KC, Wang GF, Wang CL, et al.; **Low temperature superplastic gas pressure forming of electrodeposited Ni/SiCp nanocomposites**; *Materials Science and Engineering A-Structural Materials Properties Microstructure and Processing*, Volume: 404, Issue: 1-2, Pages: 108-116, Published: Sep 15 2005	I.F.=2.090 SRI=1.46
	1.8	Gyftou, P., Stroumbouli, M., Pavlatou, E.A., Asimidis, P., Spyrellis, N. ; Tribological study of Ni matrix composite coatings containing nano and micro SiC particles.	I.F.=3.325

		Electrochimica Acta. 2005, 50 (23 SPEC. ISS.), pp. 4544-4550	
	1.9	Lekka, M., Kouloumbi, N., Gajo, M., Bonora, P.L.; Corrosion and wear resistant electrodeposited composite coatings. 2005, *Electrochimica Acta* 50 (23 SPEC. ISS.), pp. 4551-4556.	**I.F.=3.325 SRI=1.56**
	1.10	Szczygieł, B., Kołodziej, M.; Composite Ni/Al2O3 coatings and their corrosion resistance. 2005, *Electrochimica Acta.* 50 (20), pp. 4188-4195	**I.F.=3.325 SRI=1.56**
	1.11	Ari-Gur, P., Alogabr, K., Alamr, A., Alkhasawneh, H., Mirmiran, S.; Nanostructure and texture of ni and Ni/SiC nanocomposite Coatings. 2005, *Journal of Metastable and Nanocrystalline Materials*. 24-25, pp. 619-622.	**I.F.=**
	1.12	Du, L., Xu, B., Dong, S., Li, X., Yang, H., Tu, W., Zhu, Z.; Friction and wear characteristics of brush plating composite coating under sand-containing oil. 2005, *Journal of Materials Science and Technology* 21 (1), pp. 100-104.	**I.F.=0.759 SRI=1.08**
	TOTAL 2005		**12**
2004		**Citat de 7 ori in 2004 in Reviste ISI**	
	1.1	Kruger HG, Knote A, Schindler U, et al.; **Composite ceramic-metal coatings by means of combined electrophoretic deposition and galvanic methods**; *Journal of Materials Science*, Volume: 39, Issue: 3, Pages: 839-844, Published: Feb 1 2004.	**I.F.=1.859 SRI=1.0**
	1.2	Wang W, Hou FY, Guo HT; **Relationship between dispersibility of ZrO_2 nanoparticles in Ni-ZrO_2 electroplated nanocomposite coatings and mechanical properties of nanocomposite coatings**; Conference Information: 4th International Conference on Surface Engineering, Oct 29-31, 2004 Shenzhen, Peoples R China. *Transactions of Nonferrous Metals Society of China*, Volume: 14, Special Issue: 2, Pages: 186-189, Published: Oct 2004	**I.F.=0.676**
	1.3	Du, L., Xu, B., Dong, S., Yang, H., Tu, W.; **Study of tribological characteristics and wear mechanism of nano-particle strengthened nickel-based composite coatings under abrasive contaminant lubrication**. 2004, *Wear* 257 (9-10), pp. 1058-1063.	**I.F.=1.503 SRI=2.077**
	1.4	Wang, W., Hou, F.-Y., Guo, H.-T.; **Relationship between dispersibility of ZrO2 nanoparticles in Ni-ZrO2 electroplated nanocomposite coatings and mechanical properties of nanocomposite coatings**. *Transactions of Nonferrous Metals Society of China (English Edition)*. 2004, 14 (SUPPL. 2), pp. 186-189.	**I.F.=0.676**
	1.5	Tu, J.-P., Zou, T.-Z., Wang, L.-Y., Chen, W.-X., Xu, Z.-D., Liu, F., Zhang, X.-B.; **Friction and wear behavior of Ni-based carbon nanotubes composite coatings.** 2004, *Zhejiang Daxue Xuebao (Gongxue Ban)/Journal of Zhejiang University (Engineering Science)* 38 (7), pp. 931-934.	**I.F.=0.290**
	1.6	Hu, F., Chan, K.C.; **Electrocodeposition behavior of Ni-SiC composite under different shaped waveforms**. 2004, *Applied Surface Science* 233 (1-4), pp. 163-171.	**F.I=1.895 SRI=1.379**
	1.7	Kim, S.H., Erb, U., Aust, K.T., Gonzalez, F., Palumbo, G.; The corrosion behavior of nanocrystalline electrodeposits. 2004, *Plating and Surface Finishing* 91 (5), pp. 68-70.	**I.F=**
	TOTAL 2004		**7**
TOTAL CITĂRI 2011 – 2004 Article LB 1			**97**
LB 2	**Articolul:** 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) *Wear*, 261 (9), pp. 987-993.		**TOTAL CITARI 2008-2010** **23**
2011		**Citat de 6 ori in 2011 in Reviste ISI**	
	2.1	Figueiredo-Pina, C.G., Neves, A.A.M., Neves, B.M.B.D., **Corrosion-wear evaluation of a UHMWPE/Co-Cr couple in sliding contact under relatively low contact stress in physiological saline solution**, (2011) *Wear* 271 (5-6), pp. 665-670	**I.F.=1.509 SRI=2.077**
	2.2	Sivakumar, B., Kumar, S., Sankara Narayanan, T.S.N., **Fretting corrosion behaviour of Ti-6Al-4V alloy in artificial saliva containing varying concentrations of fluoride ions**, (2011) *Wear* 270 (3-4), pp. 317-324.	**I.F.=1.509 SRI=2.077**
	2.3	M.T. Mathew, T. Uth, N.J. Hallab, R. Pourzal, A. Fischer, M.A. Wimmer.; **Construction of a tribocorrosion test apparatus for the hip joint: Validation, test methodology and analysis**. *Wear*, Volume 271, Issues 9-10, 29 July 2011, Pages 2651-2659.	**I.F.=1.509 SRI=2.077**

	2.4	Sun, Y., Rana, V.; **Tribocorrosion behaviour of AISI 304 stainless steel in 0.5 M NaCl solution. 2011,** *Materials Chemistry and Physics* 129 (1-2), pp.138-147.	**I.F.=2.353 SRI=1.28**
	2.5	M. Pakshir, T. Bagheri and M.R. Kazemi. **In vitro evaluation of the electrochemical behaviour of stainless steel and Ni-Ti orthodontic archwires at different temperatures**. *Eur J Orthod*. (2011) doi: 10.1093/ejo/cjr055 First published online: July 19, 2011.	**I.F.=0.9 SRI=0.87**
	2.6	Neis P. D.; De Baets P.; Ost W.; et al. **Investigation of the dynamic response in a dry friction process using a rotating stick-slip tester.** *WEAR*. 2011, Volume: 271 Issue: 9-10 Special Issue: SI Pages: 2640-2650 DOI: 10.1016/j.wear.2010.11.022 Published: JUL 29 2011	**I.F.=1.509 SRI=2.077**
	TOTAL 2011		**6**
2010	**Citat de 10 ori in 2010 in Reviste ISI**		
	2.1	Satendra Kumar, T.S.N. Sankara Narayanan, S. Ganesh Sundara Raman, S.K. Seshadri; **Fretting corrosion behaviour of thermally oxidized CP-Ti in Ringer's solution**; *Corrosion Science* 52 (2010) 711–721	**I.F.=3.261 SRI=4.09**
	2.2	Satendra Kumar, T.S.N. Sankara Narayanan, S. Ganesh Sundara Raman, S.K. Seshadri; **Surface modification of CP-Ti to improve the fretting-corrosion resistance: Thermal oxidation vs. anodizing;** *Materials Science and Engineering C - Materials For Biological Applications.* 30 (2010) 921–927.	**I.F.=2.407 SRI=0.5**
	2.3	Satendra Kumar, T.S.N.Sankara Narayanan, S.Ganesh Sundara Raman, S.K.Seshadri; **Evaluation of fretting corrosion behaviour of CP-Ti for orthopaedic implant applications**; *Tribology International* 43 (2010) 1245–1252.	**I.F.=2.000 SRI=2.25**
	2.4	A. de Frutos, M.A. Arenas, G.G. Fuentes, R.J. Rodríguez, R. Martínez, J.C. Avelar-Batista, J.J. de Damborenea; **Tribocorrosion behaviour of duplex surface treated AISI 304 stainless steel**; *Surface & Coatings Technology* 204 (2010) 1623–1630.	**F.I=1.793 SRI=1.67**
	2.5	Satendra Kumar, B. Sivakumar, T.S.N. Sankara Narayanan, S. Ganesh Sundara Raman, S.K. Seshadri; **Fretting-corrosion mapping of CP-Ti in Ringer's solution**; *Wear* 268 (2010) 1537–1541.	**I.F.=1.509 SRI=2.077**
	2.6	Tekin K.C., Malayoglu U.; **Assessing the Tribocorrosion Performance of Three Different Nickel-Based Superalloys**; *Tribology Letters*, Volume: 37, Issue: 3, Pages: 563-572, Published: MAR 2010 .	**I.F.=1.574 SRI=2.02**
	2.7	Suarez C., Vilar T., Gil J., et al.; **In vitro evaluation of surface topographic changes and nickel release of lingual orthodontic archwires**; *Journal of Materials Science-Materials in Medicine*, Volume: 21, Issue: 2, Pages: 675-683, Published: FEB 2010.	**I.F.=2.325 SRI=0.93**
	2.8	Sivakumar B., Kumar S., Sankara Narayanan T.S.N.; **Fretting corrosion behaviour of Ti-6Al-4V alloy in artificial saliva containing varying concentrations of fluoride ions;** *Wear* 270 (3-4), pp. 317-324..	**I.F.=1.509 SRI=2.077**
	2.9	Cakmak E., Tekin K. C., Malayoglu U.; **Tribocorrosion of Stellite 706 and Tribaloy 400 superalloys**; *Tribology - Materials, Surfaces & Interfaces*, Volume 4, Number 1; pp. 8-14(7), DOI: 10.1179/175158409X459985; Publication date: 2010-03-01.	**F.I.=0.340**
	2.10	Y. Sun and Vipul Rana**; Tribocorrosion behaviour of AISI 304 stainless steel in 0.5 M NaCl solution.** *Materials Chemistry and Physics*. Volume 129, Issues 1-2, 15 September 2011, Pages 138-147	**I.F.=2.353 SRI=1.28**
	TOTAL 2010		**10**
2009	**Citat de 6 ori in 2009 in Reviste ISI**		
	2.1	Azzi M., Paquette M., Szpunar J.A., Klemberg-Sapieha J.E., Martinu L.; **Tribocorrosion behaviour of DLC-coated 316L stainless steel**; *Wear* 267 (5-8), pp. 860-866 (2009).	**I.F.=1.509 SRI=2.077**
	2.2	Henry P., Takadoum J.; **Friction and tribocorrosion of 316L stainless steel against UHMWPE or alumina in saline solution**; *Tribology - Materials, Surfaces and Interfaces* 3 (2), pp. 84-91 (2009).	**F.I.=0.340**
	2.3	Henry P., Takadoum J.,Berçot P.; **Tribocorrosion of 316L stainless steel and TA6V4 alloy in H_2SO_4 media;** *Corrosion Science* 51(6), pp.1308-1314 (2009).	**I.F.=3.261 SRI=4.09**
	2.4	Rapiejko C., Fouvry S.,Grosgogeat B., Wendler B.; **A representative ex-situ fretting wear investigation of orthodontic arch-wire/bracket contacts**; *Wear* 266 (7-8), pp.	**I.F.=1.509 SRI=2.077**

		850-858 (2009).	
	2.5	Diomidis N., Göçkan N., Ponthiaux P., Wenger F., Celis J.-P., **Assessment of the surface state behaviour of $Al_{71}Cu_{10}Fe_9Cr_{10}$ and Al_3Mg_2 complex metallic alloys in sliding contacts**, *Intermetallics*, Volume 17, Issue 11, November 2009, Pages 930-937.	F.I.=2.327 SRI=4.48
	2.6	Daems, J., Celis, J.-P., Willems, G.; **Morphological characterization of as-received and in vivo orthodontic stainless steel archwires**; (2009) *European Journal of Orthodontics* 31 (3), pp. 260-265.	I.F.=0.932 SRI=0.87
		TOTAL 2009	**6**
2008		**Citat de 1 ori in 2008 in Reviste ISI**	
	2.1	Mischler S., **Triboelectrochemical techniques and interpretation methods in tribocorrosion: A comparative evaluation,** *Tribology International* 41 (7), pp. 573-583 (2008)	I.F.=2.00 SRI=2.25
		TOTAL 2008	**1**
			0
TOTAL CITĂRI 2011 – 2006 Article LB 2			**22**
LB 3	**Articolul: Benea L.; Wenger F.; Ponthiaux P., Celis J. P.; Tribocorrosion behaviour of Ni-SiC nano-structured composite coatings obtained by electrodeposition; *Wear,* Volume: 266, Issue: 3-4, Pages: 398-405, Published: FEB 5, 2009.**		**TOTAL CITARI 2009-2010**
			25
2011	**Citat de 9 ori in 2011 in Reviste ISI**		
	3.1	Jamaati, R., Toroghinejad, M.R., Szpunar, J.A., Li, D.J.; **Tribocorrosion behaviour of Al/Al_2O_3 MMC produced by ARB process**; *Tribology - Materials, Surfaces and Interfaces* 5 (1), pp. 10-15 (2011).	F.I.=0.340
	3.2	Mirzamohammadi, S., Aliov, M.K., Aghdam, A.S.R., Velashjerdi, M., Naimi-Jamal, M.R.; **Tribological properties of tertiary Al_2O_3/CNT/ nanodiamond pulsed electrodeposited Ni-W nanocomposite**; *Materials Science and Technology* 27 (2), pp. 546-550 (2011).	I.F.=0.759 SRI=2.43
	3.3	Xue, Y.J., Shen, C., Li, J.S., Liu, Y.; **Oxidation and wear resistance of Ni-Y_2O_3-ZrO_2 nanocomposite coating prepared by ultrasonic electrodeposition**; *Key Engineering Materials* 455, pp. 427-430 (2011).	I.F.=0.497
	3.4	Singh, D.K., Singh, V.B.; **Electrodeposition of Ni-SiC composite from a nonaqueous Bath. 2011,** *Journal of the Electrochemical Society*, 2011, 158 (2), pp. D114-D118.	I.F.=2.325 SRI=2.175
	3.5	Mohajeri, S., Dolati, A., Rezagholibeiki, S. **Electrodeposition of Ni/WC nano composite in sulphate solution.** *Materials Chemistry andPhysics* (2011) 129 (3), pp. 746-750.	I.F.=2.353 SRI=1.28
	3.6	Gao, J., Suo, J.; **Preparation and characterization of the electrodeposited Cr-Al 2O3/SiC composite coating.** *Applied Surface Science* (2011) 257 (22), pp. 9643-9648.	F.I=1.895 SRI=1.379
	3.7	Mirzamohammadi, S., Kiarasi, R., Aliov, M.Kh., Sabur, A.R., Shahrabi, T.; **Relation study of different properties for tertiary pulsed electrodeposited Ni-based nanocomposite with Al2O3/Y2O3/CNT nanopowders.** *Powder Metallurgy and Metal Ceramics*. (2011) 50 (3-4), pp.173-181.	I.F.=0.288 SRI=0.44
	3.8	Bahadormanesh, B., Dolati, A., Ahmadi, M.R., **Electrodeposition and characterization of Ni-Co/SiC nanocomposite coatings.** *Journal of Alloys and Compounds*. 509 (39), pp. 9406-9412.	I.F.=2.134 SRI=2.9
	3.9	Roohollah Jamaati, Mohammad Reza Toroghinejad, Jerzy A. Szpunar and Duanjie Li. **Tribocorrosion Behavior of Aluminum/Alumina Composite Manufactured by Anodizing and ARB Processes**. *Journal of Materials Engineering and Performance*. Volume 20, Number 9, 1600-1605, DOI: 10.1007/s11665-011-9835-1.	I.F.=2.4 SRI=0.5
		TOTAL 2011	**9**
2010	**Citat de 12 ori in 2010 in Reviste ISI**		
	3.1	Mirzamohammadi S., Aliov M.K., Sabur A.R., et al.; **Study of Wear Resistance and**	I.F.=1.855

		Nanostructure of Tertiary Al_2O_3/Y_2O_3/CNT Pulsed Electrodeposited Ni-Based Nanocomposite; *Materials Science*, Volume: 46, Issue: 1, Pages: 76-86**,** Published: SEP 2010.	SRI=0.1
	3.2	Bahadormanesh B., Dolati A.; **The kinetics of Ni-Co/SiC composite coatings electrodeposition;** *Journal of Alloys and Compounds*, Volume: 504, Issue: 2, Pages: 514-518, Published: AUG 20 2010 .	I.F.=2.134 SRI=2.9
	3.3	Mirzamohammadi S., Kiarasi R., Aliov M.K., et al.; **Study of corrosion resistance and nanostructure for tertiary Al_2O_3/Y_2O_3/CNT pulsed electrodeposited Ni based nanocomposite;** *Transactions of the Institute of Metal Finishing*, Volume: 88, Issue: 2, Pages: 93-99, Published: MAR 2010.	I.F.=0.676 SRI=0.83
	3.4	de Frutos A., Arenas M.A., Fuentes G.G., et al.; **Tribocorrosion behaviour of duplex surface treated AISI 304 stainless steel**; *Surface & Coatings Technology*, Volume: 204, Issue: 9-10, Pages: 1623-1630, Published: JAN 25 2010 .	F.I=1.793 SRI=1.67
	3.5	Nur Azam Badarulzaman, Ahmad Azmin Mohamad, Sunara Puwadaria, Zainal Arifin Ahmad; **The evaluation of nickel deposit obtained via Watts electrolyte at ambient temperature**; *Journal of Coatings Technology and Research*, 2010, Volume 7, Number 6, Pages 815-820.	I.F.=1.056 SRI=0.8
	3.6	Xue Y.-J., Shen C., Li J.-S., Li H., Si D.-H.; **Corrosion resistance of Ni-Y_2O_3 composite coating prepared by electrodeposition under ultrasonic condition;** *Advanced Materials Research*, 2010, 97-101, pp. 1235-1238.	I.F.=10.8 SRI=10.3
	3.7	Belhamel K., Kheraz H., Ludwig R., Nguen T.K.D., Allsop N., AL-Juaid S.S.; **Electrodeposition and morphology analysis of nickel nanoparticles from sulphate bath**; *e-Journal of Surface Science and Nanotechnology* 8, 2010, pp. 227-232.	I.F.=0.64 SRI=0.33
	3.8	Roohollah Jamaati, Mohammad Reza Toroghinejad, Jerzy A. Szpunar and Duanjie Li; **Tribocorrosion Behavior of Aluminum/Alumina Composite Manufactured by Anodizing and ARB Processes**; *Journal of Materials Engineering and Performance*. DOI: 10.1007/s11665-011-9835-1Online First.	I.F.=0.633 SRI=0.5
	3.9	Jamaati, R., Toroghinejad, M.R., Szpunar, J.A., Li, D.J; **Tribocorrosion behaviour of Al/Al2O3 MMC produced by ARB process.** *Tribology - Materials, Surfaces and Interfaces* 2011, 5 (1), pp. 10-15.	I.F.=0.340
	3.10	Mirzamohammadi, S., Aliov, M.K., Aghdam, A.S.R., Velashjerdi, M., Naimi-Jamal, M.R.; **Tribological properties of tertiary Al2O3/CNT/ nanodiamond pulsed electrodeposited Ni-W nanocomposite.** *Materials Science and Technology* 2011, 27 (2), pp. 546-550.	I.F.=0.759 SRI=2.43
	3.11	Xue, Y.J., Shen, C., Li, J.S., Liu, Y.; **Oxidation and wear resistance of Ni-Y2O3-ZrO 2 nanocomposite coating prepared by ultrasonic electrodeposition.** *Key Engineering Materials* 455, pp. 427-430.	I.F.=0.497
	3.12	Jifeng Gao, Jinping Suo; **Preparation and Characterization of the Electrodeposited Cr-Al2O3/SiC Composite Coating**. *Applied Surface Science* (2010), doi:10.1016/j.apsusc.2011.06.090	F.I=1.895 SRI=1.379
	TOTAL 2010		**12**
2009	**Citat de 4 ORI in 2009 in Reviste ISI**		
	3.1	Hassani Sh., Raeissi K., Azzi M., Li D., Golozar M.A., Szpunar J.A.; **Improving the corrosion and tribocorrosion resistance of Ni-Co nanocrystalline coatings in NaOH solution**; *Corrosion Science* 51 (10), pp. 2371-2379 (2009).	I.F.=3.261 SRI=4.09
	3.2	Guzmán, J.E.H., Gómez Botero, M.A., Calderón, J.A.; **Electrochemical deposition of Ni-SiC composite coatings and evaluation of anticorrosive behavior.** *Revista Facultad de Ingenieria* (49), pp. 70-80.	I.F.=0.08
	3.3	LIU, X., LI, X., YU, A., HUANG, W.; **Preparation and tribological performance of electrodeposited Ni-TiB2-Dy2O3 composite coatings. 2009,** *Journal of Rare Earths* 27 (3), pp. 480-485.	I.F.=1.086 SRI=0.33
	3.4	García-Lecina, E., García-Urrutia, I., Díez, J.A., Salvo, M., Smeacetto, F., Gautier, G.; **Electrochemical preparation and characterization of Ni/SiC compositionally graded multilayered coatings.** *Electrochimica Acta* 54 (9), pp. 2556-2562.	I.F.=3.325 SRI=1.56
	TOTAL 2009		**4**
TOTAL CITĂRI LB 3: 2011 - 2009			**25**

LB 4	**Articolul:** Ciubotariu A., **Benea L**., Lakatos-Varsanyi M., Dragan V.; **Electrochemical impedance spectroscopy and corrosion behaviour of Al_2O_3-Ni nano composite coatings, (2008)** *Electrochimica Acta*, 53 (13), pp. 4557-4563.	TOTAL CITARI 2008-2010: **29**	
2011	**Citat de 13 ori in 2011 in Reviste ISI**		
	4.1	Sancakoglu O, Culha O, Toparli M, et al.; **Co-deposited Zn-submicron sized Al_2O_3 composite coatings: Production, characterization and micromechanical properties**; *Materials & Design*, Volume: 32, Issue: 7, Pages: 4054-4061, Published: 2011	I.F.=1.750 SRI=1.03
	4.2	Xu J, Zhuo CZ, Han DZ, et al.; **Effect of nano-Al_2O_3 on erosion-corrosion behaviour of composite alloying layer under two phase flow conditions**; *Corrosion Engineering Science and Technology*, Volume: 46, Issue: 3, Pages: 285-295, Published: May 2011	I.F.=0.495 SRI=1.31
	4.3	Dietrich D, Scharf I, Nickel D, et al.; **Ultrasound technique as a tool for high-rate incorporation of Al_2O_3 in NiCo layers**; *Journal of Solid State Electrochemistry*, Volume: 15, Issue: 5, Pages: 1041-1048, Published: May 2011	I.F.=2.234 SRI=0.85
	4.4	Wang P, Cheng YL, Zhang Z; **A study on the electrocodeposition processes and properties of Ni-SiC nanocomposite coatings**; *Journal of Coatings Technology and Research*, Volume: 8, Issue: 3, Pages: 409-417, Published: May 2011	I.F.=1.056 SRI=0.8
	4.5	Aruna ST, Selvi VE, Grips VKW, et al.; **Corrosion- and wear-resistant properties of Ni-Al_2O_3 composite coatings containing various forms of alumina**; *Journal of Applied Electrochemistry*, Volume: 41, Issue: 4, Pages: 461-468, Published: Apr 2011	F.I.=1.697 SRI=0.9
	4.6	Lajevardi SA, Shahrabi T, Hasannaeimi V; **Synthesis and mechanical properties of nickel-titania composite coatings**; *Materials and Corrosion-Werkstoffe Und Korrosion*, Volume: 62, Issue: 1, Pages: 29-34, Published: Jan 2011	I.F.=0.527 SRI=1.5
	4.7	Huang, Z., Xiong, D., Li, J., Liu, M.; **Friction and wear characteristics of electrodeposited Ni-Mos 2/Al_2O_3 composite coating;** (2011) *Advanced Materials Research* 189-193, pp. 173-176	I.F.=10.8 SRI=10.3
	4.8	D. E. Rusu, A. Ispas, A. Bund, C. Gheorghies and G. Cârâc; **Corrosion tests of nickel coatings prepared from a Watts-type bath. 2011,** *Journal of Coatings Technology and Research*. DOI: 10.1007/s11998-011-9343-0. Published on line 12 july 2011.	I.F.=1.056 SRI=0.8
	4.9	Lapinski, J., Pletcher, D., Walsh, F.C.; **The electrodeposition of nickel-graphite composite layers**. *Surface and Coatings Technology* (2011) 205 (21-22), pp. 5205-5209.	F.I=1.793 SRI=1.67
	4.10	Sharma Ankita and Ajay K. Singh. **Corrosion and wear resistance study of Ni-P and Ni-P-PTFE nanocomposite coatings**. *Central European Journal of Engineering* . Volume 1, Number 3, 234-243, DOI: 10.2478/s13531-011-0023-8.	SRI=0.75
	4.11	Mahmood Aliofkhazraei. **Size Effect in Mechanical Properties of Nanostructured Coatings. Nanocoatings**. *Technology & Engineering, Engineering Materials*, 2011, 149-184, DOI: 10.1007/978-3-642-17966-2_5.	
	4.12	Wang, P., Cheng, Y., Zhang, Z. **Corrosion behavior of the Ni-SiC nanocomposite coatings**. *Journal of the Chinese Society of Corrosion and Protection* (2011), 31 (4), pp. 371-376.	
	4.13	Chang, L.M., Liu, J.H., Zhang, R.J. **Corrosion behaviour of electrodeposited Ni/Al2O3 composite coating covered with a NaCl salt film at 800c**. *Materials and Corrosion* (2011) 62 (10), pp. 920-925.	I.F.=0.527 SRI=1.56
	4.14	Wang, P., Cheng, Y.-L., Zhang, Z. **A study on the electrocodeposition processes and properties of Ni-SiC nanocomposite coatings**. *Journal of Coatings Technology Research* (2011), 8 (3), pp. 409-417.	I.F.=1.056 SRI=0.74
	TOTAL 2011		**14**
2010	**Citat de 11 ori in 2010 in Reviste ISI**		
	4.1	Zhong X., Li Q., Hu J., Zhang S., Chen B., Xu S., Luo F.; **A novel approach to heal the sol-gel coating system on magnesium alloy for corrosion protection**; *Electrochimica Acta* 55 (7), pp. 2424-2429.	I.F.=3.325 SRI=1.56
	4.2	Samide A., Maxut A., Cioatera N., Preda M.; **Study on the corrosion resistance of Sn/Zr0.74Y 0.16Ti0.10O2-δ composite coatings electrodeposited on carbon steel in acidic medium**; *Revista de Chimie* 2010, 61 (5), pp. 439-442.	I.F.=0.261

	4.3	Wang Y., Tian W., Zhang T.,Yang Y.; **Electrochemical corrosion behavior of plasma sprayed Al_2O_3-13% TiO_2 coatings in aqueous hydrochloric acid solution**; *Materials and Corrosion* , 2010, 61 (7), pp. 611-617.	I.F.=0.527 SRI=1.5
	4.4	Chang B.-Y., Park S.-M.; **Electrochemical impedance spectroscopy;** *Annual Review of Analytical Chemistry*, 2010, 3 (1), pp. 207-229.	I.F.=10.404 SRI=10
	4.5	Baghery P., Farzam M., Mousavi A.B., Hosseini M.; **Ni-TiO_2 nanocomposite coating with high resistance to corrosion and Wear;** *Surface and Coatings Technology* 2010, 204 (23), pp. 3804-3810.	F.I=1.793 SRI=1.67
	4.6	Saha R.K., Khan T.I.; **Effect of applied current on the electrodeposited Ni-Al_2O_3 composite Coatings.** 2010**,** *Surface and Coatings Technology* 205 (3), pp. 890- 895.	F.I=1.793 SRI=1.67
	4.7	Du B., Wang B.; **Electrochemical corrosion behavior of rare earth modified Ni-P-PTFE composite coating**; *Xiyou Jinshu/Chinese Journal of Rare Metals*, 2010, 34 (6), pp. 860-864.	I.F=0.490
	4.8	Xu Q.-Y., He W.-J.; **Wear resistance of amorphous Ni-P-ZrO_2 composite coating**; *Cailiao Gongcheng/Journal of Materials Engineering*, 2010, (12), pp. 61-65.	I.F.=0.2
	4.9	Low C.T.J., Bello J.O., Wharton J.A., Wood R.J.K., Stokes K.R., Walsh F.C.; **Electrodeposition and tribological characterisation of nickel nanocomposite coatings reinforced with nanotubular titanates**; 2010, *Surface and Coatings Technology* 205 (7), pp. 1856- 1863.	F.I=1.793 SRI=1.67
	4.10	Aruna S.T., William Grips V.K., Rajam K.S.; **Synthesis and characterization of Ni-Al_2O_3 composite coatings containing different forms of alumina**; *Journal of Applied Electrochemistry 2010*, 40 (12), pp. 2161-2169	I.F.=1.697 SRI=0.9
	4.11	Ping Wang, Ying-liang Cheng and Zhao Zhang; **A study on the electrocodeposition processes and properties of Ni–SiC nanocomposite coating**; *Journal of Coatings Technology and Research*, Online First™, 3 December 2010, J. Coat. Technol. Res. DOI 10.1007/s11998-010-9310-1.	F.I=1.056 SRI=0.74
	TOTAL 2010		**11**
2009	**Citat de 3 ori in 2009 in Reviste ISI:**		
	4.1	Guzmán J.E.H., Gómez Botero M.A., Calderón J.A.; **Electrochemical deposition of Ni-SiC composite coatings and evaluation of anticorrosive behavior**; *Revista Facultad de Ingenieria* (49), pp. 70-80 (2009).	I.F.=0.08
	4.2	Huang Z.-J., Xiong D.-S.; **Dependence of corrosion behavior ofNi-MoS_2/Al_2O_3 coatings in relation to theAl2O3 Rrtio in MoS_2/Al_2O_3 particles**; *Surface Review and Letters* 16 (3), pp. 455-462 (2009).	I.F.=0.357 SRI=0.22
	4.3	Xu J., Zhuo C., Han D., Tao J., Liu L., Jiang S.; **Erosion-corrosion behavior of nano-particle-reinforced Ni matrix composite alloying layer by duplex surface treatment in aqueous slurry environment**; *Corrosion Science* 51 (5), pp. 1055-1068 (2009).	I.F.=3.261 SRI=4.09
	TOTAL 2009		**3**
2008	**Citat 1 data in 2008 in Reviste ISI**		
	4.1	Gurrappa I., Binder L., **Electrodeposition of nanostructured coatings and their characterization - A review**, *Science and Technology of Advanced Materials* 9 (4), art. no. 043001 (2008).	I.F.=3.226 SRI=1.19
	TOTAL 2008		**1**
TOTAL CITĂRI 2011 – 2008 Article LB 4			**29**
LB 5	Articolul: **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) *Solid State Ionics*, 151 (1-4), pp. 89-95.		**TOTAL CITARI 2004-2010** **54**
2011	**Citat de 11 ori in 2011 in Reviste ISI**		
	5.1	Sancakoglu, O., Culha, O., Toparli, M., Agaday, B., Celik, E.; **Co-deposited Zn-submicron sized Al_2O_3 composite coatings: Production, characterization and micromechanical properties**; *Materials and Design* 32 (7), pp. 4054-4061 (2011)	I.F.=1.750 SRI=1.03
	5.2	Huang, S., Hu, Y., Pan, W.; **Relationship between the structure and hydrophobic performance of Ni-TiO_2 nanocomposite coatings by electrodeposition**; *Surface and*	F.I=1.793 SRI=1.67

		Coatings Technology 205 (13-14), pp. 3872-3876 (2011).	
	5.3	Cai C., Zhu X.B., Zheng G.Q., et al.; **Electrodeposition and characterization of nano-structured Ni-SiC composite films**; *Surface & Coatings Technology*, Volume: 205, Issue: 11, Pages: 3448-3454, Published: Feb 25 2011.	F.I=1.793 SRI=1.67
	5.4	Khazrayie M.A., Aghdam A.S.R.; **Characterization of Ni-W/MWCNT nanocomposite layers formed by pulsed electrochemical deposition**; *Protection of Metals and Physical Chemistry of Surfaces*, Volume: 47, Issue: 1, Pages: 63-67, Published: Jan 2011.	I.F.=1.166 SRI=0
	5.5	Lapinski, J., Pletcher, D., Walsh, F.C.; **The electrodeposition of nickel-graphite composite Layers.** *Surface and Coatings Technology*, 2011, 205 (21-22), pp. 5205-5209.	F.I=1.793 SRI=1.67
	5.6	P. Narasimman, Malathy Pushpavanam, V.M. Periasamy ; **Synthesis, characterization and comparison of sediment electro-codeposited nickel-micro and nano SiC composites.** *Applied Surface Science* 258 (2011) 590– 598.	F.I=1.895 SRI=1.379
	5.7	ZHU Xu-bei1, CAI Chao2, 3, ZHENG Guo-qu1, ZHANG Zhao3, LI Jin-feng. **Electrodeposition and corrosion behavior of nanostructured Ni-TiN composite films**. *Trans. Nonferrous Met. Soc. China* 21 (2011) 2216−2224.	I.F.=0.676
	5.8	Chen, H., Li, W., Hou, Q., Liu, H., Zhu, L., **A general deposition method for ZnO porous films: Occlusion electrosynthesis**. *Electrochimica Acta* 56 (25), pp. 9459-9466.	F.I.=3.325 SRI=1.5
	5.9	Arghavanian, R., Parvini-Ahmadi, N., **The effect of co-electrodeposited ZrO2 particles on the microstructure and corrosion resistance of Ni coatings**. *Journal of Solid State Electrochemistry* 15 (10), pp. 2199-2204.	I.F.=2.483 SRI=0.85
	5.10	Zhong Wu, Lei Liu, Wenbin Hu. **Effect of α-Al2O3coatings on the interface of Ni/SiC composites prepared by electrodeposition.** *Surface and Coatings Technology, Available online 22 December 2011.* doi:10.1016/j.surfcoat.2011.12.016.	F.I=1.793 SRI=1.67
	5.11	Carpenter, C.R., Shipway, P.H., Zhu, Y. **The influence of CNT co-deposition on electrodeposit grain size and hardness**. *Surface and Coatings Technology*. 2011, 205 (21-22), pp. 5059-5063.	F.I=1.793 SRI=1.67
		TOTAL 2011	**11**
2010	**Citat de 7 ori in 2010 in Reviste ISI**		
	5.1	M. Aliofkhazraei, Sh. Ahangaranib and A. Sabour Rouhaghdama; **Effect of the duty cycle of pulsed current on nanocomposite layers formed by pulsed electrodeposition;** *Rare Metals* Vol. 29, No. 2, Apr 2010, p. 209. DOI: 10.1007/s12598-010-0036-0.	I.F.=0.643 SRI=1.74
	5.2	HU Wei, TAN Cheng-yu, CUI Hang , LIU Yu , ZHENG Zi-qiao; **Kinetics analysis of Ni-TiO_2 composite system during initial stages of electro-crystallization**; *J. Cent. South Univ. Technol.* (2010) 17: 460−466. DOI: 10.1007/s11771−010−0507−3.	I.F.=0.329
	5.3	Reza Arghavanian, Naghi Parvini-Ahmadi; **The effect of co-electrodeposited ZrO_2 particles on the microstructure and corrosion resistance of Ni coatings**; *Journal of Solid State Electrochemistry*, Online First™, 15 November 2010; J Solid State Electrochem. DOI 10.1007/s10008-010-1229.-z.	I.F.=2.483 SRI=0.85
	5.4	Tan C.Y., Cui H., Hu W., et al.; **Influence of Nano-Al_2O_3 Particles on Nickel Electrocrystallization at Initial Stag**; *Rare Metal Materials and Engineering*, Volume: 39, Issue: 1, Pages: 10-16, Published: JAN 2010.	F.I=0.139
	5.5	Medina L.A.T., Calderon J.A.; **Evaluation of resistance to erosion-corrosion of nickel coatings modified with diamond nanoparticles;** *Revista Facultad de Ingenieria-Universidad de Antioquia*, Issue: 54, Special Issue: Sp. Iss. SI, Pages: 42-48, Published: AUG 2010.	I.F.=0.08
	5.6	Frade T., Bouzon V., Gomes A., et al.; **Pulsed-reverse current electrodeposition of Zn and Zn-TiO_2 nanocomposite films**; *Surface & Coatings Technology*, Volume: 204, Issue: 21-22, Pages: 3592-3598, Published: AUG 15 2010.	F.I=1.793 SRI=1.67
	5.7	Xue Yu-Jun, Li Ji-Shun, Ma Wei, Duan Ming-De, Lan Ming-Ming; **Fabrication and wear resistance of Ni-CeO_2 nanocomposite coatings by electrodeposition under ultrasound condition;** *International Journal of Surface Science and Engineering*, Volume 4, Number 3, 14 May 2010, pp. 202-213(12).	F.I.=1.104 SRI=0.64
		TOTAL 2010	**7**
2009	**Citat de 6 ori in 2009 in Reviste ISI:**		

	5.1	Cai C., Yin J., Zhang Z., Yang J.; **The electrodeposition of nanostructured Ni-TiN composite films;** *Materials Science Forum* 620 622, pp. 727-730 (2009).	I.F.=0.278
	5.2	Ataee-Esfahani H., Vaezi M.R., Nikzad L., Yazdani B., Sadrnezhaad S.K.; **Influence of SiC nanoparticles and saccharin on the structure and properties of electrodeposited Ni-Fe/SiC nanocomposite coatings;** *Journal of Alloys and Compounds* 484 (1-2), pp. 540-544 (2009).	I.F.=2.134 SRI=2.9
	5.3	Guzmán J.E.H., Gómez Botero M.A., Calderón J.A.; **Electrochemical deposition of Ni-SiC composite coatings and evaluation of anticorrosive behavior**; *Revista Facultad de Ingenieria* (49), pp. 70-80 (2009).	I.F.=0.08
	5.4	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**; *Electrochimica Acta* 54 (9), pp. 2556-2562 (2009).	F.I.=3.325 SRI=1.5
	5.5	YANG X.-y., LI K.-j., PENG X., WANG F.-h.; **Beneficial effects of Co^{2+} on co-electrodeposited Ni-SiC nanocomposite coating**; *Transactions of Nonferrous Metals Society of China (English Edition)* 19 (1), pp. 119-124 (2009).	I.F.=0.497
	5.6	Thiemig D., Bund A.; **Influence of ethanol on the electrocodeposition of Ni/Al_2O_3 nanocomposite films**; *Applied Surface Science* 255 (7), pp. 4164-4170 (2009).	F.I=1.895 SRI=1.379
	TOTAL 2009		**6**
2008	**Citat de 9 ori in 2008 in Reviste ISI**		
	5.1	Gurrappa I., Binder L., **Electrodeposition of nanostructured coatings and their characterization - A review,** *Science and Technology of Advanced Materials* 9 (4), art. no. 043001 (2008).	I.F.=3.220
	5.2	Chen J., Liang F., Liu L., Jiang S., Chi B., Pu J., Li J., **Nano-structured (La, Sr)(Co, Fe)O_3 + YSZ composite cathodes for intermediate temperature solid oxide fuel cells Nano-structured (La, Sr)(Co, Fe)O_3 + YSZ composite cathodes for intermediate temperature solid oxide fuel cells,** *Journal of Power Sources* 183 (2), pp. 586-589 (2008).	I.F.=4.634 SRI=2.07
	5.3	Zheng H.-Y., An M.-Z., **Electrodeposition of Zn-Ni-Al_2O_3 nanocomposite coatings under ultrasound conditions,** *Journal of Alloys and Compounds* 459 (1-2), pp. 548-552 (2008).	I.F.=2.134
	5.4	Zhao X.-S., Tan C.-Y., Chen W.-J., Liu Y., Li J.-F., Zheng Z.-Q., **Nucleation kinetics analysis of Ni-SiC composite film during early electrocrystallization processes,** *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals* 18 (5), pp. 823-828 (2008).	I.F.=0.47
	5.5	Thiemig D., Bund A., **Characterization of electrodeposited Ni-TiO_2 nanocomposite coatings,** *Surface and Coatings Technology* 202 (13), pp. 2976-2984 (2008).	I.F.=1.793 SRI=1.67
	5.6	Zhou Y., Zhang H., **Friction and wear resistance of the as Co-deposited Ni-CeO_2 nanocomposite coating,** *Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering* 37 (3), pp. 448-451 (2008).	I.F.=0.24
	5.7	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,** *International Journal of Refractory Metals and Hard Materials* 26 (6), pp. 589-600, (2008).	I.F.=1.410
	5.8	Mischler S., **Triboelectrochemical techniques and interpretation methods in tribocorrosion: A comparative evaluation,** *Tribology International* 41 (7), pp. 573-583 (2008).	I.F.=2.00 SRI=2.25
	5.9	TAN, C.-y., LIU, Y.,ZHAO, X.-s., ZHENG, Z.-q.; **Nickel co-deposition with SiC particles at initial stage**; (2008) *Transactions of Nonferrous Metals Society of China (English Edition)* 18 (5), pp. 1128-1133	I.F.=0.497
	TOTAL 2008		**9**
2007	**Citat de 6 ori in 2007 in Reviste ISI**		
	5.1	Meenu Srivastava Sr., V.K. William Grips, Anjana Jain, K.S. Rajam; **Influence of SiC particle size on the structure and tribological properties of Ni–Co composites**; *Surface and Coatings Technology* 202 (2), 2007, pp. 310-318.	F.I=1.793 SRI=1.67
	5.2	Chan K. C., Wang C. L., Zhang K. F.; **Superplastic deformation behaviour of electrodeposited nanocrystalline nickel**; *Materials Science and Technology* 23 (6),	I.F.=0.828 SRI=2.43

		2007, pp. 677-682.	
	5.3	Jianhua Zhu, Lei Liu, Haijun Zhao, Bin Shen, Wenbin Hu; **Microstructure and performance of electroformed Cu/nano-SiC composite**; *Materials and Design* 28 (6), 2007, pp. 1958-1962.	**I.F.=1.750 SRI=1.03**
	5.4	Zhao-xia NIU, Fa-he CAO, Wei WANG, Zhao ZHANG, Jian-qing ZHANG, Chu-nan CAO; **Electrodeposition of Ni-SiC nanocomposite film;** *Transactions of Nonferrous Metals Society of China (English Edition)* 17 (1), 2007, pp. 9-15.	**I.F.=0.497**
	5.5	Carac G, Iticescu C, Benea L, et al.; **The effect of nano-Al_2O_3 dispersed phase in nickel matrix electrocodeposited**; *Revue Roumaine de Chimie*, Volume: 52, Issue: 11, Pages: 1057-1062, Published: Nov 2007.	**I.F=0.263**
	5.6	Chan KC, Wang CL, Wang GF, et al.; **Superplastic deformation behavior of electrodeposited nickel matrix nanocomposite**; Conference Information: 9th International Conference on Superplasticity in Advanced Materials, Jun 23-26, 2006 Chengdu, *Peoples R China, Superplasticity in Advanced Materials, Book Series: Materials Science Forum*, Volume: 551-552, Pages: 521-526, Published: 2007.	**I.F.=**
		TOTAL 2007	**6**
2006		**Citat de 3 ori in 2006 in Reviste ISI**	
	5.1	F. Hu, K.C. Chan; **Equivalent circuit modelling of Ni–SiC electrodeposition under ramp-up and ramp-down waveforms**; *Materials Chemistry and Physics*, Volume 99, Issues 2-3, 10 October 2006, Pages 424-430.	**I.F.=1.799 SRI=1.28**
	5.2	Zhu J., Liu L., Zhao H., Shen B., Hu W.; **Microstructure and property of electroformed nano-Al_2O_3/Cu composite**; *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica* 23 (4), pp. 65-71.	**I.F.=0.612**
	5.3	Liu Y.-J., Cui Z.-D., Zhu S.L., Liang C.-Y., Yang X.-J.; **Study on preparation and properties of Au/nano-SiC composite coatings**; *Gongneng Cailiao / Journal of Functional Materials* 37 (2), pp. 301-303.	**I.F.=0.119**
		TOTAL 2006	**3**
2005		**Citat de 5 ori in 2005 in Reviste ISI**	
	5.1	F. Hu, K.C. Chan; **Deposition behaviour and morphology of Ni–SiC electro-composites under triangular waveform**; *Applied Surface Science*, Volume 243, Issues 1-4, 30 April 2005, Pages 251-258.	**F.I=1.895 SRI=1.379**
	5.2	K.C. Chan, G.F. Wang, C.L. Wang, K.F. Zhang; **Low temperature superplastic gas pressure forming of electrodeposited Ni/SiCp nanocomposites;** *Materials Science and Engineering: A*, Volume 404, Issues 1-2, 15 September 2005, Pages 108-116.	**I.F.=2.319 SRI=1.46**
	5.3	Lekka M, Kouloumbi N, Gajo M, et al.; **Corrosion and wear resistant electrodeposited composite coatings**; Conference Information: Euro Interfinish 2003 Conference, OCT 23-24, 2003 Praglia, Italy; *Electrochimica Acta*, Volume: 50, Issue: 23, Pages: 4551-4556, Published: AUG 25 2005.	**I.F.=3.325 SRI=1.5**
	5.4	Wang, C., Zhang, K.; **Superplasticity of SiCp/Ni nanocomposite. 2005,** *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, 2005, 22 (4), pp. 68-74.	**I.F.=0.612**
	5.5	Xue, Y.-J., Zhu, D., Jin, G.-H., Zhao, F.; **Friction and wear properties of electrodeposited Ni-La2O3 nanocomposite coatings.** *Mocaxue Xuebao/Tribology* 2005, 25 (1), pp. 1-6.	**I.F.=0.556**
		TOTAL 2005	**5**
2004		**Citat de 7 ori in 2004 in Reviste ISI**	
	5.1	Trzaska M., Kowalewska M., Wyszynska A.; **Electrolytic composite nickel layers with a nano-sized Si_3N_4 dispers phase**; Conference Information: Symposium on Metal-Based Nanomaterials Thin Films and Surface Structures held E-MRS Fall Meeting, SEP 06-10, 2004 Warsaw, Poland, *Reviews on Advanced Materials Science*, Volume: 8, Issue: 2, Pages: 195-200, Published: DEC 2004	**I.F.=0.891 SRI=0.63**
	5.2	Wang CL, Zhang KF, Chan KC; **Superplastic gas pressure forming of electrodeposited Ni/SiC nanocomposites**; Conference Information: 1st International Conference on New Forming Technology, Sep 06-09, 2004 Harbin, *Peoples R China*, *Proceedings of the 1st International Conference on New Forming Technology*, Pages: 599-604, Published: 2004.	**I.F.=**
	5.3	Chan KC, Wang CL, Zhang KF; **Low temperature and high strain rate superplasticity of Ni-1 mass% SiC nanocomposite**; Conference Information: 8th	**I.F=0.86 SRI=1.83**

		International Conference on Superplasticity in Advanced Materials, MAR 28-30, 2003 St Catherines Coll, Oxford, England, *Materials Transactions*, Volume: 45, Issue: 8, Pages: 2558-2563, Published: Aug 2004.	
	5.4	Hu F, Chan KC; **Electrocodeposition behavior of Ni-SiC composite under different shaped Waveforms**; *Applied Surface Science*, Volume: 233, Issue: 1-4, Pages: 163-171, Published: Jun 30 2004	F.I=1.895 SRI=1.379
	5.5	Xue YJ, Zhu D, Zhao F; **Electrodeposition and mechanical properties of Ni-La_2O3 Nanocomposites;** *Journal of Materials Science*, Volume: 39, Issue: 12, Pages: 4063 -4066, Published: Jun 15 2004.	I.F.=0.829 SRI=1.0
	5.6	Wang, L.-P., Gao, Y., Xue, Q.-J., Liu, H.-W., Xu, T.; **Effect of nano-diamond particulates on the microstructure and wear-resistance of electrodeposited Ni-matrix coatings. 2004,** *Mocaxue Xuebao/Tribology* 2004, 24 (6), pp. 488-492.	I.F.=0.556
	5.7	Qu, N.S., Chan, K.C., Zhu, D.; **Pulse co-electrodeposition of nano Al2O3 whiskers nickel composite coating.** 2004**,** *Scripta Materialia* 50 (8), pp. 1131-1134.	I.F.=3.072 SRI=4.5
		TOTAL 2004	**7**
TOTAL CITĂRI 2011 – 2004 Article LB 5			**54**
LB 6	**Articolul: Benea L.**, Bonora P.L., Borello A., Martelli S., Wenger F., Ponthiaux P., Galland J., **Composite Electrodeposition to Obtain Nanostructured Coatings,** *Journal of the Electrochemical Society*, 148 (7), Volume: 148 Issue: 7 Pages: C461-C465 Published: JUL 2001.		**TOTAL CITARI 2003-2011** **66**
2011	**Citat de 11 ori in 2011 in Reviste ISI**		
	6.1	Hou K.H., Chen Y.C.; **Preparation and wear resistance of pulse electrodeposited Ni-W/Al_2O_3 composite coatings**; *Applied Surface Science*, Volume: 257, Issue: 15, Pages: 6340-6346, Published: May 15 2011	F.I=1.895 SRI=1.379
	6.2	Qin X.X., Liu J.J., Wang F., et al.; **Effect of multi-walled carbon nanotubes as second phase on the copper electrochemical reduction behavior for fabricating their nanostructured composite films**; *Journal of Electroanalytical Chemistry*, Volume: 651, Issue: 2, Pages: 233-236, Published: Feb 1 2011	I.F.=2.483 SRI=1.3
	6.3	Sivaraman, K.M., Ergeneman, O., Pané, S., Pellicer, E., Sort, J., Shou, K., Suriñach, S., (...), Nelson, B.J.; **Electrodeposition of cobalt-yttrium hydroxide/oxide nanocomposite films from particle-free aqueous baths containing chloride salts.** *Electrochimica Acta* 56 (14), pp. 5142-5150.	I.F.=3.325 SRI=1.5
	6.4	Bose, R., Kalaignan, G.P.; **Fortification of Ni-Y2O3 nanocomposite coatings prepared by pulse and direct current methods.** *Ionics*, 2011, 17 (6), pp. 495- 501. , DOI: 10.1007/s11581-011-0547-1.	F.I.=1.052 SRI=0.5
	6.5	Łosiewicz, B.;**Experimental design in the electrodeposition process of porous composite Ni-P + TiO2 coatings.** *Materials Chemistry and Physics* 128 (3), pp. 442-448.	I.F.=1.799 SRI=1.28
	6.6	Saha, R.K., Mohamed, S., Khan, T.I. ; **Effect of coating parameters on the electrodeposition of nickel containing nano-sized alumina particles.** *Ceramic Transactions* (2011) 225, pp. 41-50.	I.F.=0.203
	6.7	P. Narasimman, Malathy Pushpavanam, V.M. Periasamy ; **Synthesis, characterization and comparison of sediment electro-codeposited nickel-micro and nano SiC composites.** *Applied Surface Science* 258 (2011) 590– 598.	F.I=1.895 SRI=1.379
	6.8	ZHU Xu-bei1, CAI Chao2, 3, ZHENG Guo-qu1, ZHANG Zhao3, LI Jin-feng. **Electrodeposition and corrosion behavior of nanostructured Ni-TiN composite films**. *Trans. Nonferrous Met. Soc. China* 21 (2011) 2216−2224.	I.F.=0.497
	6.9	S. Sanjabi, A. Shirani. **The morphology and corrosion resistance of electrodeposited Co-TiO_2 nanocomposite coatings**. *Materials and Corrosion*. Article first published online: 7 DEC 2011. DOI: 10.1002/maco.201106087.	I.F.=0.8 SRI=1.5
	6.10	Narottam P. Bansal, Jitendra P. Singh, Jacques Lamon, Sung R. Choi. **Effect of Coating Parameters on the Electrodeposition of Nickel Containing Nano-Sized Alumina Particles**. *Processing and Properties of Advanced Ceramics and Composites III*, Volume 225. Published Online: 4 OCT 2011. DOI: 10.1002/9781118144442.ch4.	
	6.11	Çinici, H., Karacif, K., Kafkas, F., Çitak, R. **Effect of electrolytic nickel coating on fatigue life of iron based powder metal parts**. *Kovove Materialy* (2011) 49 (5) , pp.	

		355-359.	
		TOTAL 2011	**11**
2010	**Citat de 3 ori in 2010 in Reviste ISI**		
	6.1	Samide A., Maxut A., Cioatera N., et al.; **Study on the Corrosion Resistance of Sn/Zr0.74Y0.16Ti0.10O2-delta Composite Coatings Electrodeposited on Carbon Steel in Acidic Medium;** *Revista De Chimie*, Volume: 61, Issue: 5, Pages: 439-442, Published: May 2010.	I.F.=0.261
	6.2	Xia F.F., Liu C., Wang F., et al.; **Preparation and characterization of Nano Ni-TiN coatings deposited by ultrasonic electrodeposition**; *Journal of Alloys and Compounds*, Volume: 490, Issue: 1-2, Pages: 431-435, Published: Feb 4 2010.	I.F.=2.134 SRI=2.9
	6.3	Tan Chengyu, Cui Hang Hu Wei, Liu Yu, Zheng Ziqiao; **Influence of Nano-Al_2O_3 Particles on Nickel Electrocrystallization at Initial Stage;** *Rare Metal Materials and Engineering*, Volume 39, Issue 1, January 2010; 2010, 39(1): 00100016.	I.F.=0.139
		TOTAL 2010	**3**
2009	**Citat de 8 ori in 2009 in Reviste ISI**		
	6.1	Zhong Y., Dai P., Zhou X.; **Corrosion characteristic of pulsed electrodeposition nano SiC/Ni- Co composite coating**; *Acta Materiae Compositae Sinica* 26 (4), pp. 111-118 (2009).	I.F.=0.612
	6.2	Tulio P.C., Carlos I.A.; **Effect of SiC and Al_2O_3 particles on the electrodeposition of Zn, Co and ZnCo: II. Electrodeposition in the presence of SiC and Al_2O_3 and production of ZnCo-SiC and ZnCo-Al_2O_3 coatings**; *Journal of Applied Electrochemistry* 39 (8), pp. 1305-1311 (2009).	1.697 SRI=0.9
	6.3	Gajewska-Midzialek, A., Szeptycka, B., Nakonieczny,A.; **Nanocrystalline electrochemical composite coatings with nickel matrix and boron**; *Transactions of the Institute of Metal Finishing*, 87 (3), pp.141-144 (2009).	I.F.=1.64 SRI=0.8
	6.4	Shi L., Xu Y., Li K., Yao Z., Jiang Z.; **Corrosion resistance property of micro-arc oxidation coatings on Mg-Li alloy obtained in different systems**; *Chinese Journal of Materials Research* 23 (2), pp. 220-224 (2009).	I.F.=0.336
	6.5	Tulio P.C., Carlos I.A.; **Effects of SiC and Al_2O_3 particles on the electrodeposition of Zn,Co and ZnCo. I. Electrodeposition in the absence of SiC and Al_2O_3**; *Journal of Applied Electrochemistry* 39 (2), pp. 283-291 (2009).	I.F.=1.697
	6.6	YANG X.-y., LI K.-j., PENG X., WANG F.-h.; **Beneficial effects of Co^{2+} on co-electrodeposited Ni-SiC nanocomposite coating**; *Transactions of Nonferrous Metals Society of China (English Edition)* 19 (1), pp. 119-124 (2009).	I.F.=0.497
	6.7	Feng, Q., Li, T., Teng, H., Zhang, X., Zhang, Y., Liu, C., Jin, J.; **Investigation on the corrosion and oxidation resistance of Ni-Al2O3 nano-composite coatings prepared by sediment co-deposition. 2009,** *Metal Finishing* 107 (1), pp. 34-41.	I.F.=
	6.8	Tulio P.C., Carlos I.A.; **Effect of SiC and Al_2O_3 particles on the electrodeposition of Zn, Co and ZnCo: II. Electrodeposition in the presence of SiC and Al_2O_3 and production of ZnCo-SiC and ZnCo-Al2O3 coatings**; *Journal of Applied Electrochemistry*, Volume: 39, Issue: 8, Pages: 1305-1311, Published: Aug 2009.	I.F.=1.697 SRI=0.9
		TOTAL 2009	**8**
2008	**Citat de 8 ori in 2008 in Reviste ISI**		
	6.1	Fustes J., Gomes A., Da Silva Pereira M.I.; **Electrodeposition of Zn-TiO_2 nanocomposite films-effect of bath composition;** *Journal of Solid State Electrochemistry* 12 (11), pp. 1435-1443 (2008).	I.F.=2.234
	6.2	Xia F., Jia Z., Wu M., Wang F., Huo F.; **Process optimization of ultrasonic-electrodeposition of Ni-nano TiN composite coatings by artificial neural network;** *Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering* 37 (8), pp. 1479-1482 (2008).	I.F.=0.244
	6.3	Ma X., Yao S.-W., Zhang W.-G., Wang H.-Z.; **Structure of Fe-W-ZrO_2 nano-composite coatings by electrodeposition on carbon steel;** *Cailiao Rechuli Xuebao/Transactions of Materials and Heat Treatment* 29 (4), pp. 176-180 (2008).	I.F.=0.230
	6.4	Feng Q., Li T., Teng H., Zhang X., Zhang Y., Liu C., Jin J.; **Investigation on the corrosion and oxidation resistance of Ni-Al_2O_3 nano-composite coatings prepared**	F.I=1.793 SRI=1.67

		by sediment co-deposition; *Surface and Coatings Technology* 202 (17), pp. 4137-4144 (2008).	
	6.5	TAN, C.-y., LIU, Y., ZHAO, X.-s., ZHENG, Z.-q.; **Nickel co-deposition with SiC particles at initial stage.** 2008, *Transactions of Nonferrous Metals Society of China (English Edition)* 18 (5), pp. 1128-1133.	**I.F.=0.497**
	6.6	Zhao X.-S., Tan C.-Y., Chen W.-J., Liu Y., Li J.-F., Zheng Z.-Q.; **Nucleation kinetics analysis of Ni-SiC composite film during early electrocrystallization processes;** *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals* 18 (5), pp. 823-828 (2008).	**I.F.=0.515**
	6.7	Feng Q., Li T., Yue H., Qi K., Bai F., Jin J.; **Preparation and characterization of nickel nano-Al_2O_3 composite coatings by sediment co-deposition;** *Applied Surface Science* 254 (8), pp. 2262-2268 (2008).	**F.I=1.895 SRI=1.379**
	6.8	Szeptycka B, Gajewska-Midzialek A; **The influence of the solution composition including additives on the structure and composition of electrochemical Ni-B coatings**; Conference Information: Symposium on Chemical and Electrochemical Synthesis of Advanced Materials and Nanostructures on Solid Surfaces held E-MRS Fall Meeting, Sep 17-21, 2007 Warsaw, Poland, *Physica Status Solidi C - Current Topics In Solid State Physics*, Vol 5, No 11 2008, Book Series: Physica Status Solidi Ccurrent Topics in Solid State Physics, Volume: 5, Issue: 11, Pages: 3518-3521, Published: 2008.	**I.F.=0.60 SRI=1.02**
	TOTAL 2008		**8**
2007	**Citat de 6 ori in 2007 in Reviste ISI**		
	6.1	B. Szeptycka, A.Gajewska-MidziaIek; **The Influence of the Structure of the Nano-Composite Ni-PTFE Coatings on the Corrosion Properties**; *Reviews on Advanced Materials Science* 14 (2), 2007, pp. 135-140.	**I.F.=0.68 SRI=0.62**
	6.2	Shu Hua Li, Fuchi W.; **Corrosion Resistance of the Ceramic Coating Formed by Micro-Plasma Arc Oxidation on AZ91D Alloy**; *Key Engineering Materials* 336-338 III, 2007, pp. 2451-2453.	**I.F.=0.497**
	6.3	Zhao-xia NIU, Fa-he CAO, Wei WANG, Zhao ZHANG, Jian-qing ZHANG, Chu-nan CAO; **Electrodeposition of Ni-SiC nanocomposite film;** *Transactions of Nonferrous Metals Society of China (English Edition)* 17 (1), 2007, pp. 9-15.	**I.F.=0.676**
	6.4	Wu, M.-H., Xia, F.-F., Li, Z.; **Study on preparating technology of NANO Ni-TiN composite layer by ultrasonic-electrodepositing method. 2007,** *Proceedings of the International Conference on Integration and Commercialization of Micro and Nanosystems.* 2007 B, pp. 1185-1192.	**I.F.=0.4**
	6.5	Li, S., Wang, F., Zhang, H.; **The study of the corrosion resistance of the ceramic coating formed by micro-plasma arc oxidation on AZ91D magnesium alloy. 2007,** *Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering* 36 (SUPPL. 2), pp. 674- 676.	**I.F.=0.244**
	6.6	Qi, X.-H., Zhang, Y.-Q., Jing, R.-J.; **Current research status of hard corrosion-resistant nano-composite coatings.** 2007**,** *Corrosion and Protection* 28 (7), pp. 329-332.	**I.F.=0.340**
	TOTAL 2007		**6**
2006	**Citat de 11 ori in 2006 in Reviste ISI**		
	6.1	S.M.A. Shibli, R. Manu; **Development of zinc oxide-rich inner layers in hot-dip zinc coating for barrier protection;** *Surface and Coatings Technology*, Volume 201, Issue 6, 4 December 2006, Pages 2358-2363.	**F.I=1.793 SRI=1.67**
	6.2	Xia F., Wu M., Jia Z., Li Z.; **Ultrasonic-electrodeposited nano Ni-AlN composite layers and characterization**; *IET Conference Publications* (524), pp. 35-38.	**I.F.=1.255**
	6.3	HOU Kung-Hsu, HWU Wen-Hwa, KE Shih-Tsung, GER Ming-Der; **Ni-P-SiC composite produced by pulse and direct current plating**; *Materials Chemistry and Physics* 100 (1), pp. 54-59.	**I.F.=1.799 SRI=1.28**
	6.4	Sharma G., Yadava R.K., Sharma V.K.; **Characteristics of electrodeposited Ni-Co-SiC composite coating**; *Bulletin of Materials Science* 29 (5), pp. 491-496.	**I.F.=0.944 SRI0.59**
	6.5	C. T. J. Low, R. G. A. Wills, F. C. Walsh; **Electrodeposition of composite coatings containing nanoparticles in a metal deposit**; *Surface and Coatings Technology* (2006),	**F.I=1.793 SRI=1.67**

		Volume: 201, Issue: 1-2, Pages: 371-383.	
	6.6	PENG X., ZHANG Y., ZHAO J., WANG F.; **Electrochemical corrosion performance in 3.5% NaCl of the electrodeposited nanocrystalline Ni films with and without dispersions of Cr nanoparticles**; *Electrochimica Acta* 51 (23), p. 4922-4927.	**I.F.=3.325 SRI=1.5**
	6.7	Luo X., Zuo D., Wang M., Li S., Yang W., Chang H.; **Preparation and characterization of CeO_2/Zn nanocomposite powder by high-energy ball milling**; *Nanjing Hangkong Hangtian Daxue Xuebao / Journal of Nanjing University of Aeronautics and Astronautics* 38 (3), pp. 383-387.	**I.F=0.192**
	6.8	Tolumoye J. Tuaweri, G.D. Wilcox; **Behaviour of Zn-SiO_2 electrodeposition in the presence of N,N-dimethyldodecylamine**; *Surface and Coatings Technology*, Volume 200, Issues 20-21, 22 May 2006, Pages 5921-5930.	**F.I=1.793 SRI=1.67**
	6.9	C.S. Lin, C.Y. Lee, C.F. Chang, C.H. Chang; **Annealing behavior of electrodeposited Ni-TiO_2 composite coatings**; *Surface and Coatings Technology*, Volume 200, Issues 12-13, 31 March 2006, Pages 3690-3697.	**F.I=1.793 SRI=1.67**
	6.10	Fengyan Hou, Wei Wang, Hetong Guo; **Effect of the dispersibility of ZrO_2 nanoparticles in Ni–ZrO_2 electroplated nanocomposite coatings on the mechanical properties of nanocomposite coatings**; *Applied Surface Science*, Volume 252, Issue 10, 15 March 2006, Pages 3812-3817.	**F.I=1.895 SRI=1.379**
	6.11	Cho Yousuk, Choi Gyuseok, Kim Dojin; **A method to fabricate field emission tip arrays by electrocodeposition of single-wall carbon nanotubes and nickel**; *Electrochemical and Solid-State Letters*. 9 (3), pp. G107-G110.	**I.F.=2.304 SRI=1.50**
	TOTAL 2006		**11**
2005	**Citat de 4 ori in 2005 in Reviste ISI**		
	6.1	Szeptycka B., Gajewska A.; **Investigation of the electrochemical corrosion resistance of hybrid Ni-SiC-fluoropolymer composite coatings;** *Materials and Manufacturing Processes*, 20: P. 23–34, 2005.	**I.F=0.802 SRI=0.55**
	6.2	Sheng-Lung Kuo; **Effect of nickel ion concentration on Ni/Al_2O_3 composite coatings;** *Journal of the Chinese Institute of Engineers*, Vol. 28, No. 1, pp. 1-8 (2005).	**I.F.=0.219**
	6.3	Wang W., Hou F.Y., Wang H., et al.**; Fabrication and characterization of Ni ZrO(2) composite nano-coatings by pulse electrodeposition**; *Scripta Materialia*, Volume: 53, Issue: 5, Pages: 613-618, Published: Sep 2005	**I.F.=3.072 SRI=4.5**
	6.4	Wang, L., Gao, Y., Xue, Q., Liu, H., Xu, T.; **Effects of nano-diamond particles on the structure and tribological property of Ni-matrix nanocomposite coatings. 2005,** *Materials Science and Engineering A*, 390 (1- 2), pp. 313-318.	**I.F.=2.090 SRI=1.47**
	TOTAL 2005		**4**
2004		**Citat de 9 ori in 2004 in Reviste ISI**	
	6.1	Talbot J.B.; **Electrocodeposition of nanocomposite films**; *Plating and Surface Finishing*, Volume: 91, Issue: 10, Pages: 60-65, Published: Oct 2004.	**I.F.=0.122**
	6.2	Wang W., Hou F.Y., Guo H.T.; **Relationship between dispersibility of ZrO_2 nanoparticles in Ni-ZrO_2 electroplated nanocomposite coatings and mechanical properties of nanocomposite coatings**; Conference Information: 4th International Conference on Surface Engineering, Oct 29-31, 2004 Shenzhen, *Peoples R China*, *Transactions of Nonferrous Metals Society of China*, Volume: 14, Special Issue: 2, Pages: 186-189, Published: Oct 2004	**I.F.=0.676**
	6.3	Lin C.S., Huang K.C.; **Codeposition and microstructure of nickel-SiC composite coating electrodeposited from sulphamate bath**; *Journal of Applied Electrochemistry*, Volume: 34, Issue: 10, Pages: 1013-1019, Published: Oct 2004	**I.F.=1.697 SRI=0.9**
	6.4	Ger M.D.; **Electrochemical deposition of nickel/SiC composites in the presence of Surfactants**; *Materials Chemistry and Physics*, Volume: 87, Issue: 1, Pages: 67-74, Published: Sep 15 2004	**I.F.=1.799 SRI=1.29**
	6.5	Kuo S.L., Chen Y.C., Ger M.D., et al.; **Nano-particles dispersion effect on Ni/Al_2O_3 composite coatings**; *Materials Chemistry and Physics*, Volume: 86, Issue: 1, Pages: 5-10, Published: Jul 15 2004.	**I.F.=1.799 SRI=1.29**
	6.6	Wang F., Arai S., Endo M.; **Electrochemical preparation and characterization of nickel/Ultra-Dispersed PTFE composite films from aqueous solution**; *Materials Transactions*, Volume: 45, Issue: 4, Pages: 1311-1316, Published: Apr 2004	**I.F.=0.86 SRI=1.84**
	6.7	Wu G., Li N., Zhou D.R., et al.; **Electrodeposited Co-Ni-Al_2O_3 composite coatings**; *Surface & Coatings Technology*, Volume: 176, Issue: 2, Pages: 157-164, Published: Jan	**F.I=1.793 SRI=1.67**

		1 2004	
	6.8	Wang, L.-P., Gao, Y., Xue, Q.-J., Liu, H.-W., Xu, T.; **Effect of nano-diamond particulates on the microstructure and wear-resistance of electrodeposited Ni-matrix coatings. 2004,** *Mocaxue Xuebao/Tribology* 24 (6), pp. 488-492.	I.F.=0.556
	6.9	Li, D.-Y., Li, N., Du, M.- H., Wu, G., Liu, X.; **Codeposition of Al2O3 powders with nickel in a sulphamate bath.** 2004, *Cailiao Kexue yu Gongyi/Material Science and Technology* 2004, 12 (2), pp. 199-201.	I.F.=0.105
		TOTAL 2004	**9**
2003		**Citat de 4 ori in 2003 in Reviste ISI**	
	6.1	Burzynska L., Rudnik E., Blaz L., et al.; **The influence of current density and bath composition on the electrodeposition of nickel and nickel/silicon carbide composite**; *Transactions of the Institute of Metal Finishing*, Volume: 81, Pages: 193-198, Part: 6, Published: Nov 2003.	I.F.=1.64 SRI=0.83
	6.2	Qu N.S., Chan K.C., Zhu D.; **Processing of nickel-quasicrystal composite coating produced by pulse reverse current plating**; *Transactions of the Institute of Metal Finishing*, Volume: 81, Pages: 103-105 Part: 4, Published: jul 2003.	I.F.=1.64 SRI=0.83
	6.3	Kuo S.L., Chen X.L., Chen Y.C., et al.; **Physical and chemical dispersion effects on the preparation of Ni-Al_2O_3 composite coating**; *Journal of the Chinese Institute of Chemical Engineers*, Volume: 34, Issue: 4, Pages: 393-398, Published: Jul 2003	I.F.=0.573
	6.4	Muller C., Sarret M,. Benballa M.; **ZnNi/SiC composites obtained from an alkaline bath**; *Surface & Coatings Technology*, Volume: 162, Issue: 1, Pages: 49-53, Published: Jan 1 2003	F.I=1.793 SRI=1.67
		TOTAL 2003	**4**
2002		**Citat 1 data in 2002 in Reviste ISI**	
	6.1	Hou K.H., Ger M.D., Wang L.M., et al.; **The wear behaviour of electro-codeposited Ni-SiC composites**; *Wear*, Volume: 253, Issue: 9-10, Pages: 994-1003, Published: Nov 2002.	I.F.=1.509 SRI=2.077
		TOTAL 2002	**1**
TOTAL CITĂRI 2011 – 2002 Article LB 6			**66**
LB 7		**Articolul:** Bratu F., **Benea L.**, Celis J.-P.; **Tribocorrosion behaviour of Ni-SiC composite coatings under lubricated conditions**; (2007) *Surface and Coatings Technology*, 201 (16-17), pp. 6940-6946.	**TOTAL CITARI 2009-2011** **12**
2011		**Citat de 2 ori in 2011 in Reviste ISI**	
	7.1	Singh D.K., Singh V.B.; **Electrodeposition of Ni-SiC Composite from a Non-Aqueous Bath**; *Journal of the Electrochemical Society;* Volume: 158; Issue: 2; Pages: D114-D118, Published: 2011.	I.F.=2.483 SRI=2.175
	7.2	Jamaati, R., Toroghinejad, M.R., Szpunar, J.A., Li, D.J.; **Tribocorrosion behaviour of Al/Al_2O_3 MMC produced by ARB process;** *Tribology - Materials, Surfaces and Interfaces*. 5 (1), pp. 10-15 (2011)	I.F.=0.34
	7.3	E. Garc´ıa-Lecina, I. Garc´ıa-Urrutia, J.A. D´ıez, J. Morgiel, P. Indyka. **A comparative study of the effect of mechanical and ultrasound agitation on the properties of electrodeposited Ni/Al2O3 nanocomposite coatings**. *Surface & Coatings Technology*. 2011. doi: 10.1016/j.surfcoat.2011.12.037.	F.I=1.793 SRI=1.67
		TOTAL 2011	**3**
2010		**Citat de 5 ori in 2010 in Reviste ISI**	
	7.1	Ghosh S.K., Limaye P.K., Srivastava C., et al.; **Comparison of sliding wear behaviour of pulse electrodeposited Ni-Cu nanocrystalline alloys and Ni-Cu/Cu multilayers**; *Transactions of the Institute of Metal Finishing*, Volume: 88, Issue: 3, Pages: 158-162, Published: MAY 2010.	I.F.=1.64 SRI=0.83
	7.2	Dhananjay Kumar Singh and V. B. Singh. **Electrodeposition of Ni–SiC Composite from a Non-Aqueous Bath.** *J. Electrochem. Soc.*, Volume 158, Issue 2, pp. D114-D118 (2011). Published 21 December 2010).	I.F.=2.483 SRI=2.175

	7.3	**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; 16 AUG 2010. *Materials and Corrosion*, 62: n/a DOI: 10.1002/maco.200905611.	**I.F.=0.527**
	7.4	Roohollah Jamaati, Mohammad Reza Toroghinejad, Jerzy A. Szpunar and Duanjie Li; **Tribocorrosion Behavior of Aluminum/Alumina Composite Manufactured by Anodizing and ARB Processes**; *Journal of Materials Engineering and Performance*. DOI: 10.1007/s11665-011-9835-1Online First.	**I.F.=0.633 SRI=0.5**
	7.5	Liu, X., Luo, Y., Song, L., Sun, X**.; Preparation and performance of electrodeposited Ni-TiB2-Sm 2O3 composite coatings**; (2010) *Journal of Rare Earths* 28 (SUPPL. 1), pp. 97-101.	**I.F.=1.086 SRI=0.34**
	TOTAL 2010		**5**
2009	**Citat de 4 ori in 2009 in Reviste ISI**		
	7.1	Guzmán J.E.H., Gómez Botero M.A., Calderón J.A.; **Electrochemical deposition of Ni-SiC composite coatings and evaluation of anticorrosive behavior**; *Revista Facultad de Ingenieria* (49), pp. 70-80 (2009).	**I.F.=0.08**
	7.2	LIU X., LI X., YU A., HUANG W.; **Preparation and tribological performance of electrodeposited Ni- TiB_2-Dy_2O_3 composite coatings**; *Journal of Rare Earths* 27 (3), pp. 480-485 (2009).	**I.F.=1.086 SRI=0.34**
	7.3	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**; *Electrochimica Acta* 54 (9), pp. 2556-2562 (2009).	**I.F.=3.325**
	7.4	Henao Guzman, Johny Edwar, Gomez Botero, Maryory Astrid and Calderon, Jorge Andrés. **Electrochemical deposition of Ni-SiC composite coatings and evaluation of anticorrosive behavior**. *Rev.fac.ing.univ. Antioquia*, Jul./Sept. 2009, no.49, p.70-80. ISSN 0120-6230.	**I.F.=0.08**
	TOTAL 2009		**4**
TOTAL CITĂRI 2011 – 2009 Aticle LB 7			**12**
LB 8	**Articolul:** 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) *Surface Engineering*, 20 (5), pp. 353-359.		**TOTAL CITARI 2006-2011** **11**
2011	**Citat 1 data in 2011 in Reviste ISI**		
	8.1	Lewis M,J., Zhu J,H.; **A Process to Synthesize (Mn,Co)(3)O-4 Spinel Coatings for Protecting SOFC Interconnect Alloys**; *Electrochemical and Solid State Letters*, Volume: 14, Issue: 1, Pages: B9-B12, Published: 2011.	**I.F.=2.00**
	TOTAL 2011		**1**
2010	**Citat de 2 ori in 2010 in Reviste ISI**		
	8.1	Srivastava M., Balaraju J.N., Ravishankar B., et al.; **Improvement in the properties of nickel by nano-Cr_2O_3 incorporation**; *Surface & Coatings Technology*, Volume: 205, Issue: 1, Pages: 66-75, Published: SEP 25 2010.	**F.I=1.793 SRI=1.67**
	8.2	Srivastava M., Grips V.K.W., Rajam K.S.; **Electrodeposition of Ni-Co composites containing nano-CeO_2 and their structure, properties;** *Applied Surface Science*, Volume: 257, Issue: 3, Pages: 717-722, Published: NOV 15 2010.	**F.I=1.895 SRI=1.379**
	TOTAL 2010		**2**
2009	**Citat de 3 ori in 2009 in Reviste ISI**		
	8.1	Schneider O., Martens S., Argirusis Chr.; **Sonoelectrochemical deposition of functional composite layers**; *ECS Transactions* 16 (25), pp. 107-118 (2009).	**I.F.=1.130**
	8.2	Krishnaveni K., Narayanan T.S.N.S., Seshadri S.K.; **Corrosion resistance of electrodeposited Ni-B and Ni-B-Si_3N_4 composite coatings;** *Journal of Alloys and*	**I.F.=2.134 SRI=2.9**

		Compounds 480 (2), pp. 765- 770 (2009).	
	8.3	Krishnaveni K., Sankara Narayanan T.S.N., Seshadri S.K.; **Wear resistance of electrodeposited Ni-B and Ni-B-Si_3N_4 composite coatings**; *Journal of Materials Science* 44 (2), pp. 433-440 (2009).	**I.F.=0.829 SRI=0.88**
	TOTAL 2009		**3**
2008	**Citat de 3 ori in 2008 in Reviste ISI**		
	8.1	Krishnaveni K., Sankara Narayanan, T.S.N., Seshadri.S.K., **Electrodeposited Ni-B-Si_3N_4 composite coating : Preparation and evaluation of its caracteristic properties**, *Journal of Alloys and Compounds* 466 (1-2), pp. 412-420 (2008).	**I.F.=2.134 SRI=2.0**
	8.2	Argirusis Chr., Matić S., Schneider O., **An EQCM study of ultrasonically assisted electrodeposition of Co/CeO_2 and Ni/ CeO_2 composites for fuel cell applications**, *Physica Status Solidi (A) Applications and Materials* 205 (10), pp. 2400 – 2404 (2008).	**I.F.=1.472 SRI=1.02**
	8.3	Zhou Y., Zhang H., **Friction and wear resistance of the as Co-deposited Ni-CeO_2 nanocomposite coating,** *Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering* 37 (3), pp. 448-451 (2008).	**I.F.=0.244**
	TOTAL 2008		**3**
2006	**Citat de 2 ori in 2006 in Reviste ISI**		
	8.1	Xue Y.-J., Jia X.-Z., Zhou Y.-W, Ma W., Li J.-S.; **Tribological performance of Ni-CeO_2 composite coatings by electrodeposition;** *Surface and Coatings Technology*, Volume 200, Issue 20-21, May 2006, Pages 5677-5681.	**F.I=1.793 SRI=1.67**
	8.2	N.S. Qu, D. Zhu, K.C. Chan; **Fabrication of Ni–CeO_2 nanocomposite by electrodeposition**; *Scripta Materialia*, Volume 54, Issue 7, April 2006, Pages 1421-1425.	**I.F.=3.072 SRI=7.5**
	TOTAL 2006		**2**
TOTAL CITĂRI 2011 – 2006, Article LB 8			**11**
LB 9	**Articolul: Benea L; Effect of SiC size dimensions on the corrosion wear resistance of the electrodeposited composite coatings;** *Materials and Corrosion,-Werkstoffe und Korrosion*, Volume: 53, Issue: 1, Pages: 23-29 Published: JAN 2002.		**TOTAL CITARI 2005-2011** **23**
2011	**Citat de 8 ori in 2011 in Reviste ISI**		
	9.1	H. B. Lee; C. S. Lin; D. S. Wuu;C. Y. Lee; **Wear and Corrosion Investigation on the Electrodeposited Ni-P Coating.** *Tribology Transactions***;** Volume 54, Issue 4, 2011, Pages 497 – 504. **DOI:** 10.1080/10402004.2011.568711	**I.F.=0.669 SRI=0.74**
	9.2	Kozako, H.; Sakurai, J.; Mukai, N.; Ohnuma, Y.; Takahashii, T.; Hata, S.; **Corrosion resistance consolidation of a diaphragm type vacuum sensor.** *Micro Electro Mechanical Systems (MEMS)*, 2011 IEEE 24th International Conference on Issue Date**:** 23-27 Jan. 2011. On page(s): 400 – 403. 10.1109/MEMSYS.2011.5734446.	**I.F.=1.92 SRI=1.4**
	9.3	Fodor, L., Micle, V.; **Electrolytic deposition a perspective solution of Nanocomposites. 2011,** *Metalurgia International* 16 (5), pp. 51-55.	**I.F.=0.07**
	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, *Portugaliae Electrochimica Acta* 29 (1), pp. 23-37.	**I.F.=0.773**
	9.5	Lee, H.B., Wuu, D.S., Lee, C.Y., Lin, C.S., **Synergy between corrosion and wear of electrodeposited NiP coating in NaCl solution**. (2011) *Tribology International* 44 (12), pp. 1603-1609.	**I.F.=2.00 SRI=2.0**
	9.6	Bahadormanesh, B., Dolati, A., Ahmadi, M.R., **Electrodeposition and characterization of Ni-Co/SiC nanocomposite coatings**. (2011) *Journal of Alloys and Compounds* 509 (39), pp. 9406-9412.	**I.F.=2.134 SRI=2.0**
	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 Si_3N_4 electroless composite coatings**. *Surface and Interface Analysis*. Article first published online: 6 SEP 2011/ DOI: 10.1002/sia.3825.	**I.F.=3.03 SRI=0.75**

	8.8	Çinici, H., Karacif, K., Kafkas, F., Çitak, R. **Effect of electrolytic nickel coating on fatigue life of iron based powder metal parts**. *Kovove Materialy* (2011) 49 (5) , pp. 355-359.	
	TOTAL 2011		**8**
	Citat de 3 ori in 2010		
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**; *Tribology International* 43 (2010) 235–244.	**I.F.=2.00 SRI=2.07**
	9.2	Abouzar Sohrabi, Abolghasem Dolati, Mohammad Ghorbania, Aidin Monfared, Pieter Stroevec; **Nanomechanical properties of functionally graded composite coatings: Electrodeposited nickel dispersions containing silicon micro- and nanoparticles**; *Materials Chemistry and Physics* 121 (2010) 497–505.	**I.F.=1.799 SRI=1.88**
	9.3	Wu Jun-liter Xiaogang Ming Dong Chaofang ; **SiC particle size on wear resistance of nickel-based composite coating and corrosion resistance.** *China Nonferrous Metals*; 2010, No. 1; p 360.	**I.F.=0.82**
	TOTAL 2010		**3**
2009	**Citat de 2 ori in 2009 in Reviste ISI**		
	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**; *Journal of Alloys and Compounds*, Volume: 468, Issue: 1-2, Pages: 546-552, Published: JAN 22 2009.	**I.F.=2.134 SRI=2.0**
	9.2	Zhong, Y., Dai, P., Zhou, X.; **Corrosion characteristic of pulsed electrodeposition nano SiC/Ni-Co composite coating. 2009,** *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica* 26 (4), pp. 111-118.	**I.F.=0.612**
	TOTAL 2009		**2**
2008	**Citat 1 data in 2008 in Reviste ISI**		
	9.1	Wielage, B., Lampke, T., Zacher, M., Dietrich, D.; **Electroplated nickel composites with micron- To nano-sized particles. 2008,** *Key Engineering Materials* 384, pp. 283-309.	**I.F.=0.497**
	TOTAL 2008		**1**
2007	**Citat de 4 ori in 2007 in Reviste ISI**		
	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**; *Surface & Coatings Technology*, Volume: 202, Issue: 2, Pages: 310-318, Published: Nov 25 2007	**F.I=1.793 SRI=1.67**
	9.2	Aruna ST, Grips VKW, Selvi VE, et al; **Studies on electrodeposited nickel-yttria doped ceria composite coatings**; *Journal of Applied Electrochemistry*, Volume: 37, Issue: 9, Pages: 991-1000, Published: Sep 2007.	**I.F.=1.697 SRI=1.67**
	9.3	B. Sheptytska , J. Senatorial**; Effect Elekroosazhdennyh Nanostructured Composite Layers On The Surface Properties Of Steel Tribological Studies**; *Problems of mechanical engineering and automation*; ISSN 0234-6206; pages 118-125.	**I.F.=0.0**
	9.4	Wangkuai Ju Chen Miao Wu- **; Corrosion and tribological properties oNiCo / nano-SiO_2 nano composite;** *Northwest Normal University: Natural Science***;** No. 6,2007, p 360.	**I.F.=0.0**
	TOTAL 2007		**4**
2006	**Citat de 4 ori in 2006 in Reviste ISI**		
	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**; *Surface & Coatings Technology* , Volume: 201 Issue: 6, Pages: 3510-3517 Published: DEC 4 2006.	**F.I=1.793 SRI=1.67**
	9.2	Dong Y.S., Lin P.H., Wang H.; **Electroplating preparation of Ni-Al_2O_3 graded composite coatings using a rotating cathode**; *Surface & Coatings Technology*, Volume: 200, Issue: 11, Pages: 3633-3636,Published: Mar 15 2006.	**F.I=1.793 SRI=1.67**
	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**; *Applied Surface Science* ,Volume: 252, Issue: 10,Pages: 3591-3599, Published: Mar 15 2006**.**	**F.I=1.895 SRI=1.379**

	9.4	B. Szeptycka, J. Senatorski; **Tribological properties of the nanostructural electroplated composite coatings**. AITC-AIT 2006. *International Conference on Tribology*. 20-22 September 2006, Parma, Italy, 10 pages.	I.F.=1.690
		TOTAL 2006	**4**
2005	**Citat 1 data in 2005 in Reviste ISI**		
	9.1	Szeptycka B., Gajewska A.; **Investigation of the electrochemical corrosion resistance of hybrid Ni-SiC-fluoropolymer composite coatings;** *Materials and Manufacturing Processes*, Volume: 20, Issue: 1, Pages: 23-34, Published: 2005.	I.F.=0.802 SRI=1.5
		TOTAL 2005	**1**
		TOTAL CITĂRI 2011 – 2005, Article LB 9	**23**
LB 10	**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) *Wear*, 256 (9-10), pp. 948-953.		**TOTAL CITARI 2006-2010** **18**
2011	**Citat de 3 ori in 2011 in Reviste ISI**		
	10.1	Radziejewska, J.; **Influence of laser-mechanical treatment on surface topography, erosive wear and contact stiffness.** *Materials and Design* (2011) 32 (10), pp. 5073-5081.	I.F.=1.750 SRI=1.03
	10.2	Sun, Y., Rana, V. **Tribocorrosion behaviour of AISI 304 stainless steel in 0.5 M NaCl solution.** *Materials Chemistry and Physics* 129 (1-2), pp. 138-147.	I.F.=1.799 SRI=1.88
	10.3	E. Arslan, Y. Totik, I. Efeoglu. **The investigation of the tribocorrosion properties of DLC coatings deposited on Ti6Al4V alloys by CFUBMS**. *Progress in Organic Coatings*. doi:10.1016/j.porgcoat.2011.10.023.	I.F.=1.7 SRI=1.55
		TOTAL 2011	3
2010	**Citat de 3 ori in 2010 in Reviste ISI**		
	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**; *Wear*, Volume: 269, Issue: 1-2, Pages: 93-103, Published: May 20 2010.	I.F.=1.509 SRI=2.077
	10.2	Y. Sun, and Vipul Rana; **Tribocorrosion behaviour of AISI 304 stainless steel in 0.5 M NaCl solution**; *Materials Chemistry and Physics*. Volume 129, Issues 1-2, 15 September 2011, Pages 138-147	I.F.=1.799 SRI=1.88
	10.3	Cakmak E.; Tekin K.C.; Malayoglu U.; **Tribocorrosion of Stellite 706 and Tribaloy 400 superalloys**; *Tribology – Materials, Surfaces & Interfaces*, Volume 4, Number 1, March 2010, pp. 8-14(7).	I.F.=0.340
	10.4	Joanna Radziejewska; **Influence of laser-mechanical treatment on surface topography, erosive wear and contact stiffness**. *Materials and Design* (2011), doi: 10.1016/j.matdes.2011.06.035.	I.F.=1.750 SRI=1.03
		TOTAL 2010	**4**
2009	**Citat de 2 ori in 2009 in Reviste ISI**		
	10.1	Diomidis N., Göçkan; **Assessment of the surface state behaviour of Al71Cu10Fe9Cr10 and Al3Mg2 complex metallic alloys in sliding contacts;** *Intermetallics* 17 (11), pp. 930-937 (2009).	I.F.=2.327 SRI=4.48
	10.4	Diomidis, N., Celis, J.-P., Ponthiaux, P., Wenger, F.; **A methodology for the assessment of the tribocorrosion of passivating metallic materials**; *Lubrication Science* 21 (2), pp. 53-67 (2009).	I.F.=0.863
		TOTAL 2009	**2**
2008	**Citat de 3 ori in 2008 in Reviste ISI**		
	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,** *International Journal of Refractory Metals and Hard Materials* 26 (6), pp. 589-600 (2008).	I.F.=1.410 SRI=3.26
	10.2	Mischler S., **Triboelectrochemical techniques and interpretation methods in**	I.F.=2.00

		tribocorrosion: A comparative evaluation, *Tribology International* 41 (7), pp. 573-583 (2008).	SRI=2.25
	10.3	Krawiec H., Vignal V., Heintz O., Ponthiaux P., Wenger F., **Local electrochemical studies and surface analysis on worn surfaces,** *Journal of the Electrochemical Society* 155 (3), pp. C127-C130 (2008).	I.F.=2.483 SRI=2.175
		TOTAL 2008	**3**
2007	**Citat 1 data in 2007 in Reviste ISI**		
	10.1	Dos Santos C.B., Holeczek H., Romankiewicz K., Zoppas Ferreira J.; Modelling surface changes during tribocorrosion tests under potentiostatic or potentiodynamic control; *Galvanotechnik*, Vol.98 (2007), No.12, pp.2945-2951.	I.F.=0.210
		TOTAL 2007	**1**
2006	**Citat se 5 ori in 2006 in Reviste ISI**		
	10.1	D. Landolt; **Electrochemical and materials aspects of tribocorrosion systems**; *Journal of Physics D: Applied Physics* 2006, 39 (15), art. No. S01, pp. 3121-3127.	I.F.=2.109 RI=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**; *Wear* 261 (9), pp. 1024-1031 (2006).	I.F.=1.509 SRI=2.077
	10.3	Vignal V., Mary N., Ponthiaux P., Wenger F.; **Influence of friction on the local mechanical and electrochemical behaviour of duplex stainless steels**; *Wear* 261 (9), pp. 947-953 (2006)	I.F.=1.509 SRI=2.077
	10.4	Celis J.-P., Ponthiaux P., Wenger F.; **Tribo-corrosion of materials: Interplay between chemical, electrochemical, and mechanical reactivity of surfaces**; *Wear* 261 (9), pp. 939-946 (2006).	I.F.=1.509 SRI=2.077
	10.5	Déforge D., Huet F., Nogueira R.P., Ponthiaux P., Wenger F.; **Electrochemical noise analysis of tribocorrosion processes under steady-state friction regime**; *Corrosion.* 62 (6), pp. 514-521 (2006).	I.F.=0.952 SRI=2.05
		TOTAL 2006	**5**
		TOTAL CITĂRI 2010 – 2006 Article LB 10	**18**
LB 11	**Articolul: L. Benea**, O. Mitoseriu, J. Galland, F. Wenger, P. Ponthiaux; **Corrosion study of copper composite coating by impedance spectroscopy method**; *Mater. Corros.* 51 (2000) 491–495.		**TOTAL CITARI 2007-2010** **7**
2010	**Citat de 2 ori in 2011 in Reviste ISI**		
	11.1	Alain Robin, Júlio Cesar Pinheiro de Santana, Antonio Fernando Sartori; **Co-electrodeposition and characterization of Cu–Si3N4 composite coatings**. *Surface & Coatings Technology*, 205 (2011) 4596–4601.	F.I=1.793 SRI=1.67
	11.2		
		TOTAL 2011	**1**
	Citat de 3 ori in 2010 in Reviste ISI		
	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**; *Journal of Power Sources* 195 (2010) 2189–2195.	F.I=4.634 SRI=2.07
	11.2	Robin A., de Santana J.C.P., Sartori A.F.; **Characterization of copper-silicon nitride composite electrocoatings**; *Journal of Applied Electrochemistry*, Volume: 40, Issue: 3, Pages: 507-513, Published: MAR 2010.	I.F.=1.697 SRI=0.9
	11.3	Alain Robin, Jorge Luiz Rosa, Messias Borges Silva; **Electrodeposition and characterization of Cu–Nb composite coatings;** *Surface & Coatings Technology*, 205 (2010) 2152–2159.	F.I=1.793 SRI=1.67
		TOTAL 2010	**3**
2009	**Citat 1 data in 2009 in Reviste ISI**		
	11.1	Ramalingam S., Muralidharan V.S., Subramania A.; **Electrodeposition and**	I.F.=2.234 SRI=0.85

		characterization of Cu-TiO_2 nanocomposite coatings; *Journal of Solid State Electrochemistry*, Volume: 13, Issue: 11, Pages: 1777-1783, Published: Nov 2009.	
		TOTAL 2009	**1**
2007	**Citat 1 data in 2007 in Reviste ISI**		
	11.1	Muresan L., Gherman M., Zamblau I., et al.; **Corrosion behavior of electrochemically deposited Zn-TiO_2 nanocomposite coatings**; *Studia Universitatis Babes-Bolyai Chemia*, Volume: 52, Issue: 3, Pages: 97-104, Published: 2007.	**0**
		TOTAL 2007	**1**
2002	**Citat 1 data in 2002 in Reviste ISI**		
	11.1	Mitoseriu L., Mitoseriu O.; **Ni-P/SiC composite coatings obtained by chemical methods**; *Science And Engineering of Composite Materials*, Volume: 10, Issue: 1, Pages: 51-54, Published: 2002.	I.F.=0.174 SRI=0.167
		TOTAL 2002	**1**
		TOTAL CITĂRI 2010 - 2002 Article LB 11	**7**
LB 12	**Articolul:** Levcovici Dan T. , Munteanu Viorel , Levcovici Sanda M. , Mitoseriu Olga , **Benea Lidia** and Paraschiv Maria M.; **Laser Processing of MMC Layers on a Metal Base;** *Materials and Manufacturing Processes*, Volume: 14, Issue: 4, Pages: 475-487, Published: 1999.	**TOTAL CITARI 2000-2002**	**2**
2002	**Citat de 1 data in 2002 in Reviste ISI**		
	12.1	Levcovici D.T., Munteanu V., Paraschiv M.M., et al.; **Laser surface alloying of steel with tungsten and cobalt**; *Materials and Manufacturing Processes*, Volume: 17, Issue: 1, Pages: 23-36, Published: 2002	I.F.=0.802 SRI=1.5
		TOTAL 2002	
2000	**Citat de 1 data in 2000 in Reviste ISI**		
	12.1	Levcovici S.M., Levcovici D.T., Munteanu V., et al.; **Laser surface hardening of austenitic stainless steel**; *Journal of Materials Engineering and Performance*, Volume: 9, Issue: 5, Pages: 536-540, Published: Oct 2000	I.F.=0.633 SRI=0.5
		TOTAL 2000	
		TOTAL CITĂRI 2000 - 2002 Article LB 12	**0**
LB 13	**Articolul: Benea L.; Electrodeposition of zirconia particles in a copper matrix;** *Materials and Manufacturing Processes*, Volume: 14, Issue: 2, Pages: 231-242, Published: 1999.	**TOTAL CITARI 2009-2006**	**5**
2011	**Citat de 2 ori in 2011 in Reviste ISI**		
	13.1	Frade T., Gomes A., Pereira M.I.D., et al.; **Studies on the Stability of Zn and Zn-TiO_2 Nanocomposite Coatings Prepared by Pulse Reverse Current**; *Journal of the Electrochemical Society*, Volume: 158, Issue: 3, Pages: C63-C70, Published: 2011	I.F.=2.483 SRI=2.175
	13.2	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.** *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science* (2011) 42 (7), pp. 2085- 2093.	I.F.=1.712 SRI=4.5
		TOTAL 2011	**2**
2009	**Citat 1 data in 2009 in Reviste ISI**		
	13.1	Jung A., Natter H., Hempelmann R., et al.; **Nanocrystalline alumina dispersed in nanocrystalline nickel: enhanced mechanical properties**; *Journal of Materials Science*, Volume: 44, Issue: 11, Pages: 2725-2735, Published: JUN 2009.	I.F.=0.829 SRI=1.0
		TOTAL 2009	**1**

2006	Citat 1 data in 2006 in Reviste ISI		
	13.1	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**; *Bulletin of Electrochemistry*, 2006, vol. 22, no 4, pp. 189-192.	I.F.=0.206
	TOTAL 2006		1
2005	Citat 1 data in 2005 in Reviste ISI		
	13.1	Hu F., Chan K.C.; **Deposition behaviour and morphology of Ni-SiC electro-composites under triangular waveform;** *Applied Surface Science*, Volume: 243, Issue: 1-4, Pages: 251-258, Published: APR 30 2005.	F.I=1.895 SRI=1.379
	TOTAL 2005		1
TOTAL CITĂRI 2011 - 2005 Article LB 13			5

LB 14	Lidia Benea. Electrodeposition and tribocorrosion behaviour of ZrO_2–Ni composite coatings. *Journal of Applied Electrochemistry*, 39, **2009**, 1671–1681.	TOTAL CITARI 2011
		1

2011	Citat 1 data in 2011 in Reviste ISI		
	14.1	**A. Samide* and B. Tutunaru. Study of the Corrosion Resistance of Ni/CeO2 CompositeCoatings Electrodeposited on Carbon Steel in Hydrochloric Acid**. *Chem. Biochem. Eng. Q.* **25** (2) 203–208 (2011).	I.F.=0.483
TOTAL CITĂRI 2011 Article LB 14			1

LB15	Benea, Lidia / Ponthiaux, Pierre / Wenger, Francois, **Co-ZrO2 electrodeposited composite coatings exhibiting improved micro hardness and corrosion behavior in simulating body fluid solution**. *Surface and Coatings Technology*, 205 (23-24), p.5379-5386. doi:10.1016/j.surfcoat.2011.05.050.	TOTAL CITARI 2011
		1

2011	Citat 1 data in 2011 in Reviste ISI		
	15.1	Chemicals & Chemistry editors**. Coatings Technology; Study Results from L. Benea and Colleagues in the Area of Coatings Technology Published.** *Chemicals & Chemistry* (Sep 23, 2011), p. 2935. ISSN: 1944-1517. (ProQuest Central data base). http://search.proquest.com/docview/889212072?accountid=15533	I.F.=0.8
TOTAL CITĂRI 2011 Article LB 15			1

TOTAL CITARI PE 14 Articole ISI (LB 1-LB 15) 2011-2002	366
2006 -2010	253

Prof. Dr. Lidia BENEA **30-12-2011**