

IV. ARTICOLE / STUDII IN EXTENSO PUBLICATE (R,V)

Ris - Reviste de specialitate de circulație internațională recunoscute (cotate / indexate ISI Thomson Reuters, sau indexate in alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selectie a revistelor pe baza unor criterii de performanta). *Se mentioneaza la fiecare lucrare includerea in Baza ISI [ultimul Factor Impact, ISSN] si/sau denumirea altei (altor) BDI.*

Articole cotate / indexate ISI Thomson Reuters

Ris 1. (BDI) V.Brânzoi, F.Brânzoi, Florentina Golgovici, E.Trîmbițașu, *The polarization of pure aluminium in neutral solution in presence and absence of different anions*, Bull.Sci. UPB, Series B, vol.61, no.3-4, pp. 55-66, ISSN 1454-2331, 1999.

Ris 2. (BDI) V.Brânzoi, F.Brânzoi, Florentina Golgovici, L.Pilan, E.Trîmbițașu, *Anodic dissolution of aluminium in NaOH solution of different concentration with and without surfactants*, Bull.Sci. UPB, Series B, vol.61, no.3-4, pp. 67-74, ISSN 1454-2331, 1999.

Ris 3. (ISI) V.Brânzoi, F.Brânzoi, M.V.Popa, Florentina Golgovici, *The influence of different aggressive anions on the electrochemical behaviour of aluminium in NaNO₃ aqueous solutions*, Materials and Corrosion, 51, p. 635-641, ISSN 0947-5117, IF₂₀₁₂ =1,208; 2000.

Ris 4. (BDI) V.Brânzoi, Florentina Golgovici, F.Brânzoi, *Anodic dissolution of pure aluminium in HCl solution with and without organic inhibitors*, Bull.Sci. UPB, Series B, vol.63, no.3, pp. 183-192, ISSN 1454-2331, 2001.

Ris 5. (BDI) F.Hojbotă, M.Reuș, Florentina Golgovici, Tatiana Pascu, V.Brânzoi, T.Vișan, *Electrochemical impedance spectroscopy of some lead materials used in Pb/acid batteries manufacturing*, Bull.Sci. UPB, Series B, vol.63, no.3, pp. 529-538, ISSN 1454-2331, 2001.

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Ris 8. (ISI) G.Durante, S.Vegni, P.Capobianco, Florentina Golgovici, *High temperature corrosion of metallic materials in molten carbonate fuel cells environments*, Journal of Power Sources, vol. 152, pg.204 – 209, ISSN: 03787753, IF₂₀₁₂ =4,675; 2005.

Ris 9. (ISI) V.Brânzoi, Florentina Golgovici, L.Pilan, F.Brânzoi, C.Anghel, *Polarisation behaviour of pure titanium in different media of chloride*, Revue Roumain de Chimie, 50 (11-12), 1013 – 1018, ISSN 0035-3930, IF₂₀₁₂ =0,331; 2005.

Ris 10. (ISI) V.Brânzoi, L.Pilan, F.Brânzoi, Florentina Golgovici, *Electrochemical Activity and Corrosion Protection Properties of Doped Polypyrrole Electrodeposited at Pure Aluminium Electrode*, Molecular Crystals and Liquid Crystals, Taylor & Francis Inc., vol.446, pp.305-318, Ed. Taylor and Francis, USA, ISSN 1542-1406, IF₂₀₁₂ =0,53; 2006.

Ris 11. (ISI) V.Brânzoi, Florentina Golgovici, F.Brânzoi, *Electrochemical Characterization of Passive Films on Pure Aluminium Electrodes in Different Experimental Conditions*, Rev. Roum.Chimie, 51 (9), 907-913, ISSN 0035-3930, IF₂₀₁₂ =0,331; 2006.

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Ris 15. (ISI) Florentina Golgovici, A.Cojocaru, C.Agapescu, Y.Jin, M.Nedelcu, W.Wang, T.Visan, *Electrodeposition of bismuth, tellurium and antimony from ionic liquids based choline chloride and urea for*

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Ris 18. (ISI) P.Prioteasa, Florentina Golgovici, G.Sbîrcea, L.Anicai, T.Visan, *Electrodeposition, structure and corrosion behaviour of Ni-Mo alloy obtained from aqueous solutions*, Revista de Chimie (Bucuresti), vol. 61, No. 11, p.1046-1053; ISSN 0034-7752, IF₂₀₁₂ = , 2010.

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Ris 26. (ISI) Florentina Golgovici, T.Visan, M. Buda - *The formation and characterization of bismuth selenide films on Pt electrode from choline chloride – malonic acid ionic liquid*, Chalcogenide Letters vol.10, no.6, p.197-207, ISSN 1584-8663, IF₂₀₁₂ = 0,934; 2013.

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Ris 29.(ISI) W.Wang, Y.Ji, H.Xu, H.Li, T.Visan, Florentina Golgovici , „*A high packing density micro-thermoelectric power generator based on film thermoelectric materials fabricated by electrodeposition technology*”, Surface and Coatings Technology, 231 p.583-589, ISSN 0257-8972, IF₂₀₁₂ = 1,941; 2013.

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Ris 32. (ISI) Florentina Golgovici, M.L.Mares, A.COJOCARU - *Electrodeposition of Cobalt and Cobalt-Antimony from Non-Aqueous Media Containing Ethylene Glycol*, Revista de Chimie, vol. 65, no.1, p.98-104, 2014, ISSN 0034-7752 , IF₂₀₁₂ = 0,538.

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- Ris 34. (ISI)** Florentina Golgovici, M.Prodana, A.Popescu - *Effect of Reprocessing Treatment on the Corrosion of Co-Cr Alloy in Acid Media*, Revista de Chimie, 66 (5), 660-667, ISSN: 0034-7752, 2015.
- Ris 35. (ISI)** Florentina Golgovici, Adriana-Simona Catrangu, Teodor Visan - *The Formation and Characterization of Copper Telluride Films from Choline Chloride - Urea Ionic Liquid*, International Journal of Electrochemical Science, vol. 11(2), 915-928, ISSN: 1452-3981, 2016.
- Ris 36. (ISI)** B.Gălățeanu, Florentina Golgovici, A.Hudita, M.Stan, S.Dinescu, M.Costache, I.Demetrescu, A.Popescu - *About electrochemical stability and biocompatibility of two types of CoCr commercial dental alloys*, Materials and Corrosion, vol. 67 (10), pg. 1096-1104, ISSN 0043-2822, 2016.
- Ris 37. (ISI)** Florentina Golgovici, A.S.Catrangu,A.B. Stoian, L. Anicai, T.Visan - *Preparation of Copper Telluride Films by Co-Reduction of Cu(I) and Te(IV) Ions in Choline Chloride: Ethylene Glycol Ionic Liquid*, Journal of Electronic Materials, vol 45 (7), 3629 - 3639, ISSN: 0361-5235, 2016.
- Ris 38. (ISI)** M. Prodana, A.B. Stoian, A.M. Negru, Florentina Golgovici, D. Bojin, M.Enachescu - *Characterization of Electrodeposited CoSb Nanowires Used as Anode Materials in Batteries*, Revista de Chimie, 67 (10), 2071-2074, ISSN: 0034-7752, 2016.
- Ris 39. (ISI)** Florentina Golgovici, G.R. Pandelea Dobrovicescu, M. Prodana - *Electrochemical Characterization of Co-Cr Alloys Used as Stents in Cardiovascular Applications*, Revista de Chimie, 67 (11), 2217-2224, ISSN: 0034-7752, 2016.
- Ris 40. (ISI)** D. Ionita, Florentina Golgovici, I. Demetrescu, M. Sajin, G.-R. Pandelea-Dobrovicescu - *Effect of human albumin on corrosion and biological behavior of CoCrMo*, Materials and Corrosion, vol. 68, pg. 876–882, ISSN 0043-2822, 2017.

Articole cotate / indexate Baze de Date Internationale - BDI specifice domeniului
Rno - Alte reviste de specialitate de circulație națională.

- Rno 1.** Florentina Golgovici, *Cyclability of laboratory Zn electrodes for secondary batteries applications*, PURE- Perspectives d'Utilisation Rationnelle de l'Energie, Bulletin Informatif, no. 3, pp. 179-182, 2001
- Rno 2.** V. Branzoi, Florentina Golgovici, F.Branzoi, L.Pilan, *Anticorrosive effect of some polymers synthesized in microwave field for industrial systems protection*, Coroziune si Protectie Anticoroziiva-Corrosion and Anticorrosive Protection,, Volumul III, Nr. 1, pp 26-33, ISSN 1842-0346, 2008
- Rno 3.** V.Branzoi, Florentina Golgovici, F.Branzoi, *Inhibiting Effect of Some Organic Compounds on Aluminium Corrosion in Hydrochloric Acid Solutions*, Coroziune și Protecție Anticoroziivă-Corrosion and Anticorrosive Protection, Vol. III, Nr. 2, pp. 20-27, ISSN 1842-0346, 2008