

LISTA DE LUCRĂRI

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ARTICOLE / STUDII IN EXTENSO PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE (V)

Vis- Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate, indexate ISI Thomson Reuters sau indexate în alte Baze de Date Internaționale - BDI specifice domeniului, care fac un proces de selecție a publicațiilor pe baza unor criterii de performanță.

Vis 1. (ISI) Luisa Pilan, M. Raicopol, M. Ionita, *Fabrication of polyaniline/carbon nanotubes composites using carbon nanotubes films obtained by electrophoretic deposition*, Key Engineering Materials, 507, p.113-117, WOS:000308567500019, ISSN: 1013-9826, 2012.

Vis 2. (ISI) Luisa Pilan, M. Raicopol, C. Damian, M. Ionita, *Electrochemical functionalization of single-walled carbon nanotubes films obtained by electrophoretic deposition*, Key Engineering Materials, 507, p.107-111, WOS:000308567500018, ISSN: 1013-9826, 2012.

Vis 3. (BDI) V. Brânzoi, Luisa Pilan, F. Brânzoi, *A Comparative Study on Electrochemical Properties of Nanocomposite Films Obtained by Co-Deposition of Conducting Polymers and Carbon Nanotubes*, ECS Transactions, 19(13), p.13-24, ISSN: 1938-5862, ISBN: 978-160768105-2, 2009.

Vis 4. (BDI) V. Brânzoi, F. Brânzoi, Luisa Pilan *Copper corrosion in sodium chloride solutions and effect of some organic electrosynthesized polymers*, EUROCORR-2004, Nice, France, Topic 14, paper 244, pp.1-10, 2004.

Vis 5. (BDI) V. Brânzoi, F. Brânzoi, Luisa Pilan, A. Pruna, *The corrosion inhibition of zinc in NH₄Cl aqueous solutions by N-alkyl quaternary ammonium bromides*, EUROCORR-2004, Nice, France, Topic 1, paper 258, p.1-11, 2004.

Vi - Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate.

Vi 1. M. Raicopol, A. Pruna, Luisa Pilan, *Supercapacitance of Single-Walled Carbon Nanotube-Polyaniline Composites*, Proceedings of 15th European Conference on Composite Materials 2012, Veneția, Italia.

Vi 2. V. Brânzoi, F. Brânzoi, Luisa Pilan, *Electrochemical Characterization of Composite Films of Conducting Polymers and Carbon Nanotubes*, RICCCCE XVI Proceedings, 2009.

Vi 3. V. Brânzoi, F. Brânzoi, Luisa Pilan, F. Golgovici, *Inhibition Effects of Some New Polymers on Corrosion of Carbon Steels from Industrial Cooling Water*, Eurocorr 2008 Proceedings.

- Vi 4.** V. Brânzoi, F. Brânzoi, Luisa Pilan, F. Golgovici, *Preparation of nickel nanoparticles on different substrates by a double-pulse method*, EUROCORR'2006 Maastricht, The Netherlands, Topic WP-07, p.1-13, 2006.
- Vi 5.** V. Brânzoi, A. Pruna, F. Branzoi, Luisa Pilan, *Electrosynthesized polyaniline – polypyrrole composite coatings on zinc substrate*, EUROCORR'2006, Maastricht I The Netherlands , Topic WP-14, pp.1-12, 2006.
- Vi 6.** V. Brânzoi, F. Branzoi, Luisa Pilan, A. Pruna, *Dissolution kinetics and the corrosion inhibition of pure zinc in Na₂SO₄ aqueous solutions by N-quaternary ammonium salts*, EUROCORR 2005, paper 248, pp.1-9, 2005.
- Vi 7.** V. Brânzoi, M. Ionita, Luisa Pilan, F. Branzoi, *The electrochemical behaviour of polyaniline-polypyrrole composite coatings obtained by electrosynthesis on platinum and titanium substrates*, RICCCE XIV, vol.2, pp.S10 29-S10 36, 2005.
- Vi 8.** V. Brânzoi, F. Branzoi, Luisa Pilan, A. Pruna, *Electrochemical activity and corrosion protection properties of doped polypyrrole electrodeposited on pure zinc electrode*, RICCCE XIV, vol.2, pp.S10 37-S10 47, 2005.
- Vi 9.** V. Brânzoi, F. Brânzoi, Luisa Pilan, D. Mateescu, *The effects of alloying elements on polarization behaviour of lead and its alloys in H₂SO₄ concentrated acid*, paper 153, Eurocorr 2003, Budapest, Hungary.
- Vi 10.** V. Brânzoi, F. Golgovici, F. Brânzoi, Luisa Pilan, *The formation and breakdown of the passive films on aluminium in some neutral solutions salts*, paper 178, Eurocorr 2003, Budapest, Hungary.
- Vi 11.** V. Brânzoi, F. Branzoi, Luisa Pilan, A. Sevcenco, *Kinetics of Corrosion and Corrosion Protection of Copper in Aqueous Concentrated Solutions of NaCl*, 13th Romanian International Conference on Chemistry and Chemical Engineering, Bucharest, Romania, September 2003.
- Vi 12.** V. Brânzoi, F. Branzoi, Luisa Pilan, M.V. Popa, *Study of the electrochemical redox behaviour of the lead and its alloys in sulphuric acid solutions*, 15th International Corrosion Congress-Frontiers in Corrosion Science and Technology, Granada, Spain, paper 392, 2002.
- Vi 13.** V. Brânzoi, F. Branzoi, Luisa Pilan, *Corrosion performance of polypyrrole and poly o-phenylene diamine coatings applied to some metals in HCl solutions*, 1st International Conference, Proceedings, Study and Control of Corrosion in the Perspective of Sustainable Development of Urban Distribution Grids, Constanta, ISBN:973-95041-3-2, pp.111-119, 2002.
- Vi 14.** V. Brânzoi, F. Branzoi, Luisa Pilan, F. Golgovici, *Kinetic of Aluminium Dissolution in Strong Alkaline Solution*, RICCCE 11, Bucharest, Proceedings, pp 36-42, 1999.
- Vi 15.** V. Brânzoi, F. Branzoi, M.V.Popa, Luisa Pilan, M. Baibarac, *Corrosion and Passive Behaviour of Aluminum in NaOH Solutions with and without Organic Inhibitors*, Proceedings EUROCORR'99 Solution of Corrosion Problems in Advanced Technologies – EFC Event no.227, Ed.G.Schmitt and M.Schutze & DECHEMA, Pub. Mitterweger & Partner, Heidelberg, Germany, p. 28, 1999.