

**Title:** [Pointed homotopy and pointed lax homotopy of 2-crossed module maps](#)

**Author(s):** Gohla, Bjoern; Martins, Joao Faria

**Source:** ADVANCES IN MATHEMATICS Volume: 248 Pages: 986-1049

**DOI:** 10.1016/j.aim.2013.08.020



**Title:** [Evaluation of solubility and partition properties of ampicillin-based ionic liquids](#)

**Author(s):** Florindo, Catarina; Araujo, Joao M. M.; Alves, Filipa; et al.

**Source:** INTERNATIONAL JOURNAL OF PHARMACEUTICS Volume: 456 Issue: 2 Pages: 553-559

**DOI:** 10.1016/j.ijpharm.2013.08.010



**Title:** [Luminescent elastomeric Janus particles](#)

**Author(s):** Faita, F. L.; Trindade, A. C.; Godinho, M. H.; et al.

**Source:** JOURNAL OF COLLOID AND INTERFACE SCIENCE Volume: 410 Pages: 124-130

**DOI:** 10.1016/j.jcis.2013.07.073

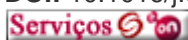


**Title:** [Computing multi-species chemical equilibrium with an algorithm based on the reaction extents](#)

**Author(s):** Paz-Garcia, Juan Manuel; Johannesson, Bjorn; Ottosen, Lisbeth M.; et al.

**Source:** COMPUTERS & CHEMICAL ENGINEERING Volume: 58 Pages: 135-143

**DOI:** 10.1016/j.compchemeng.2013.06.013



**Title:** [Current transport mechanism at metal-semiconductor nanoscale interfaces based on ultrahigh density arrays of p-type NiO nano-pillars](#)

**Author(s):** Nandy, Suman; Goncalves, Goncalo; Pinto, Joana Vaz; et al.

**Source:** Nanoscale Volume: 5 Issue: 23 Pages: 11699-709

**DOI:** 10.1039/c3nr03803c



**Title:** [A computational study on the stereoselective organocatalytic epoxidation of alpha,beta-unsaturated aldehydes with hydrogen peroxide](#)

**Author(s):** Duarte, Filipe J. S.; Gil Santos, A.

**Source:** ORGANIC & BIOMOLECULAR CHEMISTRY Volume: 11 Issue: 41 Pages: 7179-7191

**DOI:** 10.1039/c3ob41475b



**Title:** [Interactions of Bacterial Cell Division Protein FtsZ with C8-Substituted Guanine Nucleotide Inhibitors. A Combined NMR, Biochemical and Molecular Modeling Perspective](#)

**Author(s):** Marcelo, Filipa; Huecas, Sonia; Ruiz-Avila, Laura B.; et al.

**Source:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 135 Issue: 44 Pages: 16418-16428



**Title:** [Measurement of the top quark charge in pp collisions at root s=7 TeV with the ATLAS detector](#)

**Author(s):** Aad, G.; Abajyan, T.; Abbott, B.; et al. Group Author(s): ATLAS Collaboration

**Source:** JOURNAL OF HIGH ENERGY PHYSICS Issue: 11 Pages: 31-31



**Title:** [Synthesis of gold nanoparticles in sol-gel glass porogens containing \[bmim\]\[BF4\] ionic liquid](#)

**Author(s):** Ruivo, A.; Ventura, M. G.; Gomes da Silva, M. D. R.; et al.

**Source:** JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY Volume: 68 Issue: 2 Pages: 234-244



**Title:** [Ion-induced fragmentation of imidazolium ionic liquids: TOF-SIMS study](#)

**Author(s):** Bundaleski, Nenad; Caporali, Stefano; Chenakin, Sergey P.; et al.

**Source:** INTERNATIONAL JOURNAL OF MASS SPECTROMETRY Volume: 353 Pages: 19-25

**DOI:** 10.1016/j.ijms.2013.05.029



**Title:** [A recommender system for the TV on the web: integrating unrated reviews and movie ratings](#)

**Author(s):** Peleja, Filipa; Dias, Pedro; Martins, Flavio; et al.

**Source:** MULTIMEDIA SYSTEMS Volume: 19 Issue: 6 Special Issue: SI Pages: 543-558

**DOI:** 10.1007/s00530-013-0310-8



**Title:** [Mechanistic insights into the cytotoxicity and genotoxicity induced by glycidamide in human mammary cells](#)

**Author(s):** Bandarra, Susana; Fernandes, Ana S.; Magro, Ines; et al.

**Source:** MUTAGENESIS Volume: 28 Issue: 6 Pages: 721-729

**DOI:** 10.1093/mutage/get052



**ÚLTIMOS 12 MESES EMBARGADOS NA B-ON**

**Title:** [Pro-Active Service Ecosystem Framework](#)

**Author(s):** Cardoso, Tiago; Camarinha-Matos, Luis M.

**Source:** INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUFACTURING Volume: 26 Issue: 11 Special Issue: SI Pages: 1021-1041

**DOI:** 10.1080/0951192X.2012.684713



**ÚLTIMOS 18 MESES EMBARGADOS NA B-ON**

**Title:** [Rainbow vertex k-connection in graphs](#)

**Author(s):** Liu, Henry; Mestre, Angela; Sousa, Teresa

**Source:** DISCRETE APPLIED MATHEMATICS Volume: 161 Issue: 16-17 Pages: 2549-2555

**DOI:** 10.1016/j.dam.2013.04.025



**Title:** [GBT-based assessment of the buckling behaviour of cold-formed steel purlins restrained by sheeting](#)

**Author(s):** Basaglia, Cilmar; Camotim, Dinar; Goncalves, Rodrigo; et al.

**Source:** THIN-WALLED STRUCTURES Volume: 72 Pages: 217-229

**DOI:** 10.1016/j.tws.2013.06.005



**Title:** [Impact of composition and morphology on the optical properties of Si-NC/P3HT thin films processed from solution](#)

**Author(s):** Rodrigues, F. D.; Cunha, M.; Hilliou, L.; et al.

**Source:** APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 113 Issue: 2 Pages: 439-446

**DOI:** 10.1007/s00339-012-7540-z



**Title:** [NCO-, a Key Fragment Upon Dissociative Electron Attachment and Electron Transfer to Pyrimidine Bases: Site Selectivity for a Slow Decay Process](#)

**Author(s):** da Silva, Filipe Ferreira; Matias, Carolina; Almeida, Diogo; et al.

**Source:** JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY Volume: 24 Issue: 11 Pages: 1787-1797

**DOI:** 10.1007/s13361-013-0715-9



**ÚLTIMOS 36 MESES EMBARGADOS NA B-ON**

**Title:** [Effect of dark/light periods on the polyhydroxyalkanoate production of a photosynthetic mixed culture.](#)

**Author(s):** Fradinho, J C; Oehmen, A; Reis, M A M

**Source:** BIORESOURCE TECHNOLOGY Volume: 148 Pages: 474-479

**DOI:** 10.1016/j.biortech.2013.09.010



**Title:** [Removal of lead \(Pb<sup>2+</sup>\) from aqueous medium by using chars from co-pyrolysis](#)

**Author(s):** Bernardo, Maria; Mendes, Sandra; Lapa, Nuno; et al.

**Source:** JOURNAL OF COLLOID AND INTERFACE SCIENCE Volume: 409 Pages: 158-165

**DOI:** 10.1016/j.jcis.2013.07.050



**Title:** [Hybrid mesoporous silica grafted with photoisomerizable 2-hydroxychalcones](#)

**Author(s):** Gago, Sandra; Fonseca, Isabel M.; Parola, A. Jorge

**Source:** MICROPOROUS AND MESOPOROUS MATERIALS Volume: 180 Pages: 40-47

**DOI:** 10.1016/j.micromeso.2013.06.001

