

Title: Riparian forests of Southwest Europe: are functional trait and species composition assemblages constrained by environment?

Author(s): Aguiar, Francisca C.; Cerdeira, Jorge Orestes; Martins, Maria Joao; et al.
Source: JOURNAL OF VEGETATION SCIENCE Volume: 24 Issue: 4 Pages: 628-638
DOI: 10.1111/jvs.12009



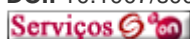
Title: Study of the one dimensional and transient bioheat transfer equation: Multi-layer solution development and applications

Author(s): Rodrigues, D. B.; Pereira, P. J. S.; Limao-Vieira, P.; et al.
Source: INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER
Volume: 62 Pages: 153-162
DOI: 10.1016/j.ijheatmasstransfer.2012.11.082



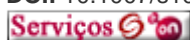
Title: Chromobacterium violaceum: Important Insights for Virulence and Biotechnological Potential by Exoproteomic Studies

Author(s): Ciprandi, Alessandra; da Silva, Wanderson Marques; Santos, Agenor Valadares; et al.
Source: CURRENT MICROBIOLOGY Volume: 67 Issue: 1 Pages: 100-106
DOI: 10.1007/s00284-013-0334-5



Title: Probabilistic constraints for nonlinear inverse problems

Author(s): Carvalho, Elsa; Cruz, Jorge; Barahona, Pedro
Source: CONSTRAINTS Volume: 18 Issue: 3 Pages: 344-376
DOI: 10.1007/s10601-012-9139-6



Title: Products, multiplicative Chern characters, and finite coefficients via noncommutative motives

Author(s): Tabuada, Goncalo
Source: JOURNAL OF PURE AND APPLIED ALGEBRA Volume: 217 Issue: 7 Pages: 1279-1293
DOI: 10.1016/j.jpaa.2012.10.009



Title: Weil cohomologies and derived dg categories

Author(s): Tabuada, Goncalo
Source: JOURNAL OF PURE AND APPLIED ALGEBRA
Volume: 217 Issue: 7 Pages: 1294-1302 **DOI:** 10.1016/j.jpaa.2012.10.008



Title: Redefining the Role of the beta-Lactamase Locus in Methicillin-Resistant Staphylococcus aureus: beta-Lactamase Regulators Disrupt the MecI-Mediated Strong Repression on mecA and Optimize the Phenotypic Expression of Resistance in Strains with Constitutive mecA Expression

Author(s): Arede, Pedro; Ministro, Joana; Oliveira, Duarte C.
Source: ANTIMICROBIAL AGENTS AND CHEMOTHERAPY Volume: 57 Issue: 7 Pages: 3037-3045
DOI: 10.1128/AAC.02621-12



ÚLTIMOS 6 MESES EMBARGADOS NA B-ON

Title: Relaxation of certain integral functionals depending on strain and chemical composition

Author(s): Ribeiro, Ana Margarida; Zappale, Elvira
Source: CHINESE ANNALS OF MATHEMATICS SERIES B Volume: 34 Issue: 4 Pages: 491-514
DOI: 10.1007/s11401-013-0784-x



Title: Genetic portrait of south Portugal population with InDel markers

Author(s): da Silva, Claudia Vieira; Matos, Sara; Costa, Heloisa Afonso; et al.

Source: FORENSIC SCIENCE INTERNATIONAL-GENETICS Volume: 7 Issue: 4 Pages: E101-E103

DOI: 10.1016/j.fsigen.2013.03.009



Title: Chemistry of 7,8-dihydroxy-2-(4-dimethylaminostyryl)-1-benzopyrylium. A photochromic system switching from yellow to green

Author(s): Moro, Artur; Diniz, Ana Marta; Petrov, Vesselin; et al.

Source: JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY Volume: 263 Pages: 17-23

DOI: 10.1016/j.jphotochem.2013.04.007



Title: In situ measured cross section geometry of old timber structures and its influence on structural safety

Author(s): Lourenco, Paulo B.; Sousa, Helder S.; Brites, Ricardo D.; et al.

Source: MATERIALS AND STRUCTURES Volume: 46 Issue: 7 Pages: 1193-1208

DOI: 10.1617/s11527-012-9964-5



Title: Preparation and characterization of cellulose nanocomposite hydrogels as functional electrolytes

Author(s): Ramos, A. M.; Pereira, S.; Cidade, M. T.; et al.

Source: SOLID STATE IONICS Volume: 242 Pages: 26-32

DOI: 10.1016/j.ssi.2013.03.028



Title: Structural Modification of TiO₂ Nanorod Films with an Influence on the Photovoltaic Efficiency of a Dye-Sensitized Solar Cell (DSSC)

Author(s): Meng, Lijian; Li, Can; dos Santos, M. P.

Source: JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS Volume: 23 Issue: 4 Pages: 787-792

DOI: 10.1007/s10904-013-9842-9



Title: An innovative, interdisciplinary, and multi-technique study of gilding and painting techniques in the decoration of the main altarpiece of Miranda do Douro Cathedral (XVII-XVIIIth centuries, Portugal)

Author(s): Anca Sandu, Irina Crina; Murta, Elsa; Veiga, Rita; et al.

Source: MICROSCOPY RESEARCH AND TECHNIQUE Volume: 76 Issue: 7 Pages: 733-743

DOI: 10.1002/jemt.22224



Title: Nonlinear numerical analysis of the debonding failure process of FRP-to-concrete interfaces

Author(s): Biscaia, Hugo C.; Chastre, Carlos; Silva, Manuel A. G.

Source: COMPOSITES PART B-ENGINEERING

Volume: 50 **Pages:** 210-223

DOI: 10.1016/j.compositesb.2013.02.013 **Published:** JUL 2013



Title: [Modellus: Interactive computational modelling to improve teaching of physics in the geosciences](#)

Author(s): Neves, Rui G. M.; Neves, Maria C.; Teodoro, Vitor Duarte

Source: COMPUTERS & GEOSCIENCES Volume: 56 Pages: 119-126

DOI: 10.1016/j.cageo.2013.03.010



Title: [Overlap conduction laser welding of aluminium to steel](#)

Author(s): Meco, S.; Pardal, G.; Ganguly, S.; et al.

Source: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY Volume: 67

Issue: 1-4 Special Issue: SI Pages: 647-654

DOI: 10.1007/s00170-012-4512-6



Title: [Cobalt and Zinc Compounds Bearing 1,10-Phenanthroline-5,6-dione or 1,3,5-Triaza-7-phosphaadamantane Derivatives - Synthesis, Characterization, Cytotoxicity, and Cell Selectivity Studies](#)

Author(s): Silva, Telma F. S.; Smolenski, Piotr; Martins, Luisa M. D. R. S.; et al.

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Volume: 2013 Issue: 21 Pages: 3651-3658

DOI: 10.1002/ejic.201300197



Title: [Neutral and Cationic N-Heterocyclic Carbene Zinc Adducts and the BnOH/Zn\(C6F5\)\(2\) Binary Mixture - Characterization and Use in the Ring-Opening Polymerization of beta-Butyrolactone, Lactide, and Trimethylene Carbonate](#)

Author(s): Schnee, Gilles; Fliedel, Christophe; Aviles, Teresa; et al.

Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Volume: 2013 Issue: 21 Pages: 3699-3709

DOI: 10.1002/ejic.201300292



Title: [Ab Initio Calculations and Measurements of Thermoelectric Properties of V2O5 Films](#)

Author(s): Chumakov, Yu; Xiong, S. -Y.; Santos, J. R.; et al.

Source: JOURNAL OF ELECTRONIC MATERIALS Volume: 42 Issue: 7 Pages: 1597-1603

DOI: 10.1007/s11664-012-2329-6



Title: [Analysis of surface stains on modern gold coins](#)

Author(s): Corregidor, V.; Alves, L. C.; Cruz, J.

Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS Volume: 306 Pages: 232-235

DOI: 10.1016/j.nimb.2012.11.039



Title: [Sputter depth profiling of Mo/B4C/Si and Mo/Si multilayer nanostructures: A round-robin characterization by different techniques](#)

Author(s): Ber, B.; Babor, P.; Brunkov, P. N.; et al.

Source: THIN SOLID FILMS Volume: 540 Pages: 96-105

DOI: 10.1016/j.tsf.2013.05.154



Title: [Wound healing potential of topical bacteriophage therapy on diabetic cutaneous wounds](#)

Author(s): Mendes, Joao J.; Leandro, Clara; Corte-Real, Sofia; et al.

Source: WOUND REPAIR AND REGENERATION Volume: 21 Issue: 4 Pages: 595-603

DOI: 10.1111/wrr.12056



Title: [Mechanisms of P-gp inhibition and effects on membrane fluidity of a new rifampicin derivative, 1,8-dibenzoyl-rifampicin](#)

Author(s): Vilas-Boasa, Vania; Silva, Renata; Nunes, Claudia; et al.

Source: TOXICOLOGY LETTERS Volume: 220 Issue: 3 Pages: 259-266

DOI: 10.1016/j.toxlet.2013.05.005



Title: [A meshfree method for elasticity problems with interfaces](#)

Author(s): Martins, Nuno F. M.; Rebelo, Magda

Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 219 Issue: 22 Pages: 10732-10745

DOI: 10.1016/j.amc.2013.04.050



Title: [A big data approach to the ultra-fast prediction of DFT-calculated bond energies](#)

Author(s): Qu, Xiaohui; Latino, Diogo A. R. S.; Aires-de-Sousa, Joao

Source: JOURNAL OF CHEMINFORMATICS Volume: 5 Article Number: 34

DOI: 10.1186/1758-2946-5-34



Title: [Nowcasting influenza epidemics using non-homogeneous hidden Markov models](#)

Author(s): Nunes, Baltazar; Natario, Isabel; Lucilia Carvalho, M.

Source: STATISTICS IN MEDICINE Volume: 32 Issue: 15 Pages: 2643-2660

DOI: 10.1002/sim.5670



Title: [Turn-on selective vitamin B6 derivative fluorescent probe for histidine detection in biological samples](#)

Author(s): Oliveira, Elisabete; Santos, Carla; Poeta, Patricia; et al.

Source: ANALYST Volume: 138 Issue: 13 Pages: 3642-3645

DOI: 10.1039/c3an00324h



Title: [N-site de-methylation in pyrimidine bases as studied by low energy electrons and ab initio calculations](#)

Author(s): Almeida, D.; Kinzel, D.; da Silva, F. Ferreira; et al.

Source: PHYSICAL CHEMISTRY CHEMICAL PHYSICS Volume: 15 Issue: 27 Pages: 11431-11440

DOI: 10.1039/c3cp50548k

