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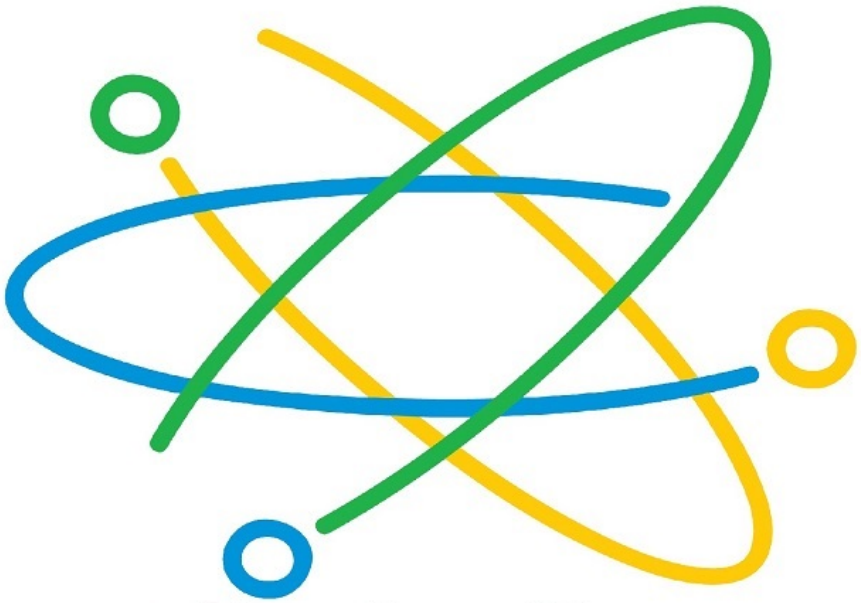

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Analytical & Food Chemistry

J. Braz. Chem. Soc. **2018**, *29(5)*, 1032-1040

Flow Analysis: Looking Back and Forward

Fábio R. P. Rocha

http://dx.doi.org/10.21577/0103-5053.20180018

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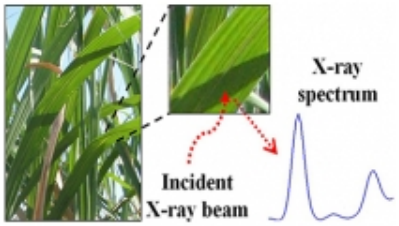
J. Braz. Chem. Soc. **2018**, *29(5)*, 1086-1093



In situ Determination of K, Ca, S and Si in Fresh Sugar Cane Leaves by Handheld Energy Dispersive X-Ray Fluorescence Spectrometry

Marcelo B. B. Guerra; Andressa Adame; Eduardo de Almeida; Marcos A. S. Brasil; Carlos E. G. R. Schaefer; Francisco J. Krug

http://dx.doi.org/10.21577/0103-5053.20170229

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J. Braz. Chem. Soc. **2018**, *29(5)*, 1140-1148

Determination of Target Pesticide Residues in Tropical Fruits Employing Matrix Solid-Phase Dispersion (MSPD) Extraction Followed by High Resolution Gas Chromatography

Silvia S. Freitas; Felipe A. T. Serafim; Fernando M. Lanças

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Chemical Synthesis

J. Braz. Chem. Soc. **2018**, *29(5)*, 1041-1075

Computer-Guided Total Synthesis of Natural Products. Recent Examples and Future Perspectives

Franco Della-Felice; Ronaldo A. Pilli; Ariel M. Sarotti

http://dx.doi.org/10.21577/0103-5053.20180027

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Chemistry Education

Quim. Nova **2018**, *41(2)*, 227-235

RELAÇÕES PEDAGÓGICAS EM AULAS DE CIÊNCIAS DA EDUCAÇÃO SUPERIOR

Ana Luiza de Quadros; Ariane Suelen Freitas Silva; Eduardo Fleury Mortimer

http://dx.doi.org/10.21577/0100-4042.20170178

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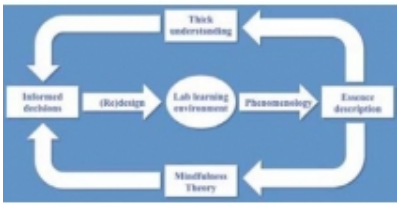

PHENOMENOLOGICAL APPROACHES TO STUDY LEARNING IN THE TERTIARY LEVEL CHEMISTRY LABORATORY

Santiago Sandi-Urena

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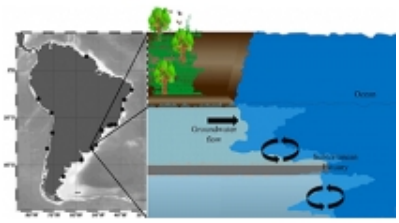
Energy, Water and Environmental Sciences

J. Braz. Chem. Soc. **2018**, *29(5)*, 916-924



Advances of Submarine Groundwater Discharge Studies in South America

Mariele Paiva; Felipe H. Niencheski

http://dx.doi.org/10.21577/0103-5053.20170220

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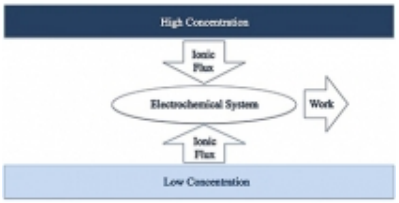
J. Braz. Chem. Soc. **2018**, *29(5)*, 934-947



Electrochemical Systems for Renewable Energy Conversion from Salinity and Proton Gradients

William G. Morais; Gilberto Lima; Wellington J. A. S. Gomes; Fritz Huguenin

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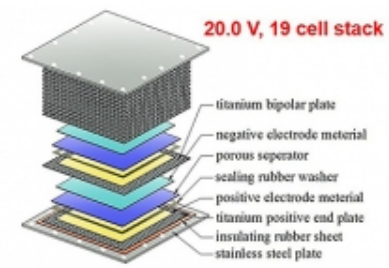

Fundamental Consideration for Electrochemical Engineering of Supercapattery

Bamidele Akinwolemiwa; George Z. Chen

http://dx.doi.org/10.21577/0103-5053.20180010

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Grafting of Quinones on Carbons as Active Electrode Materials in Electrochemical Capacitors

Thierry Brousse; Charles Cougnon; Daniel Bélanger

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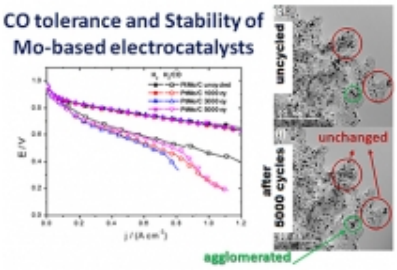

CO Tolerance and Stability of Proton Exchange Membrane Fuel Cells with Nafion® and Aquivion® Membranes and Mo‑Based Anode Electrocatalysts

Renato C. Iezzi; Rapher D. M. Santos; Gabriel C. da Silva; Valdecir A. Paganin; Edson A. Ticianelli

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Green Chemistry and Biotechnology

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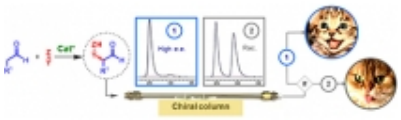

Determination of Enantioselectivities by Means of Chiral Stationary Phase HPLC in Order to Identify Effective Proline-Derived Organocatalysts

Jorge Vargas-Caporali; Eusebio Juaristi

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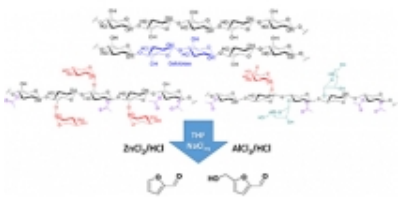
J. Braz. Chem. Soc. **2018**, *29(5)*, 1115-1122



Production of Furan Compounds from Sugarcane Bagasse Using a Catalytic System Containing ZnCl2/HCl or AlCl3/HCl in a Biphasic System

Gustavo R. Gomes; Daniel S. Rampon; Luiz P. Ramos

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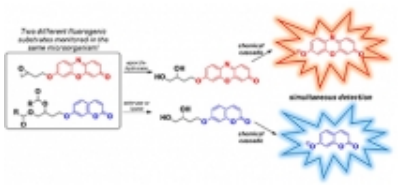
J. Braz. Chem. Soc. **2018**, *29(5)*, 1149-1156



Simultaneous Multienzymatic Screening with Fluorogenic Probes

Maria L. S. O. Lima; Michel R. B. Chaves; Renato M. C. do Nascimento; Caroline C. S. Gonçalves; Anita J. Marsaioli

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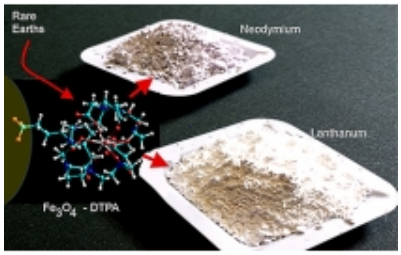
Inorganic and Structural Chemistry

J. Braz. Chem. Soc. **2018**, *29(5)*, 948-959



Green Processing of Strategic Elements Based on Magnetic Nanohydrometallurgy

Ulisses Condomitti; Sabrina N. Almeida; Alceu T. Silveira Jr.; Fernando M. de Melo; Henrique E. Toma

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Macromolecules and Materials

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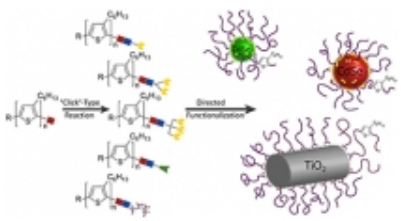

Functionalization of P3HT with Various Mono- and Multidentate Anchor Groups

Florian Menk; Ana Fokina; Bernd Oschmann; Tobias A. Bauer; Yannick Nyquist; Lydia Braun; Jonathan Kiehl; Rudolf Zentel

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Medicinal Chemistry and Chemical Biology

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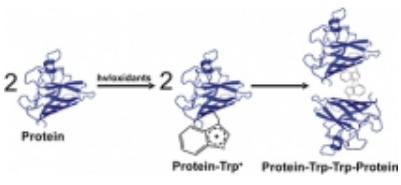

Ditryptophan Cross-Links as Novel Products of Protein Oxidation

Verônica Paviani; Gabriel T. Galdino; Janaina N. dos Prazeres; Raphael F. Queiroz; Ohara Augusto

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Development of Web and Mobile Applications for Chemical Toxicity Prediction

Vinicius M. Alves; Rodolpho C. Braga; Eugene Muratov; Carolina H. Andrade

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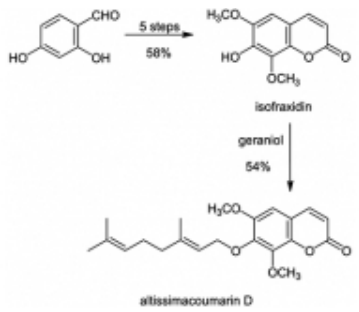

Total Synthesis of Altissimacoumarin D, a Small Molecule Sirtuin1 Activator

Anna C. Silva; Hanae Benelkebir; Rosangela S. C. Lopes; Claudio C. Lopes; A. Ganesan

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Nano Science and Technology

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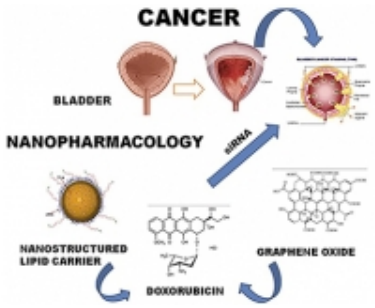

Nanopharmaceuticals and Their Applications in Bladder Cancer Therapy: a Mini Review

Nelson Durán; Wagner J. Fávaro

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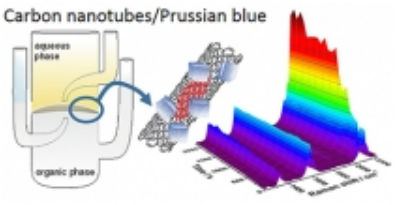

Electrodeposition of Prussian Blue/Carbon Nanotube Composites at a Liquid‑Liquid Interface

Samantha Husmann; Samuel G. Booth; Aldo J. G. Zarbin; Robert A. W. Dryfe

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Natural Products and Biodiversity

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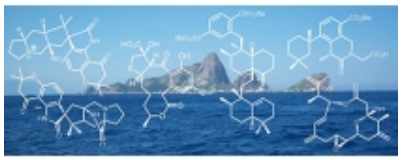

Natural Products from Marine Invertebrates and Microorganisms in Brazil between 2004 and 2017: Still the Challenges, More Rewards

Laura P. Ióca; Karen J. Nicacio; Roberto G. S. Berlinck

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An Environmentally Friendly Procedure to Obtain Flavonoids From Brazilian Citrus Waste

Barbara S. Bellete; Luize Z. Ramin; Deyvid Porto; Alany I. Ribeiro; Moacir R. Forim; Vânia G. Zuin; João B. Fernandes; Maria Fátima G. F. Silva

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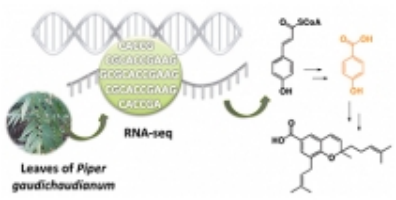

Biosynthetic Insights into *p*-Hydroxybenzoic Acid-Derived Benzopyrans in *Piper gaudichaudianum*

Andrea N. L. Batista; João M. Batista Jr.; Tatiana M. Souza‑Moreira; Sandro R. Valentini; Massuo J. Kato; Cleslei F. Zanelli; Maysa Furlan

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Mass Spectrometry Analysis of Protonated Marine Natural Product Seriniquinone

Rodrigo M. da Silva; Thais Guaratini; Paula C. Jimenez; William Fenical; Letícia V. Costa-Lotufo; Ricardo Vessecchi; Norberto P. Lopes

http://dx.doi.org/10.21577/0103-5053.20180037