



JOURNAL of the MEXICAN
CHEMICAL
SOCIETY

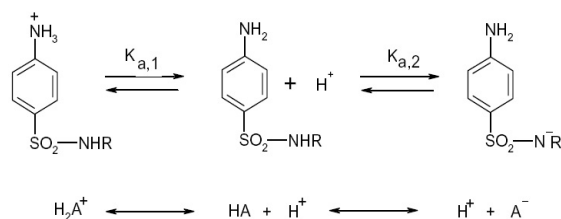
(J. Mex. Chem. Soc.)

Table of Contents

Articles

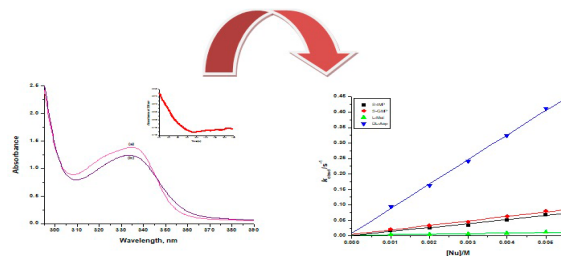
Prediction of Thermodynamic and Structural Properties of Sulfamerazine and Sulfamethazine in Water Using DFT and ab Initio Methods

Neda Hazhir, Farhoush Kiani, Hasan Tahermansouri, Azade Ghorbani-Hasan Saraei, Fardad Koohyar*.



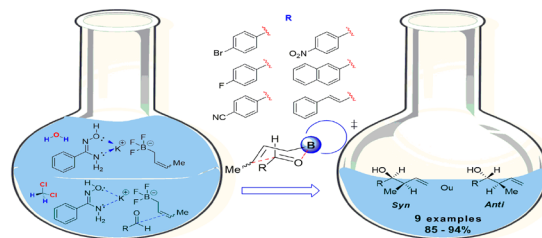
Kinetics, DFT Study and Antibacterial Activity of Zinc(II) and Copper(II) Terpyridine Complexes

Enisa Selimović, Svetlana Jeremić, Braho Ličina, Tanja Soldatović*.



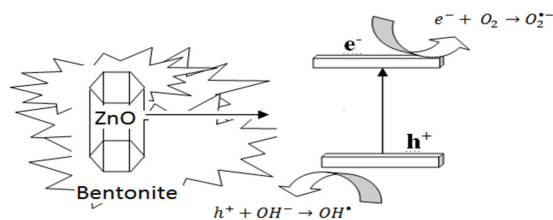
Benzamidoxime-Mediated Crotylation of Aldehydes using Potassium (Z) and (E)-Crotyltrifluoroborates

Claudia Lais Araujo Almeida, Jonh Anderson Macedo Santos, Cosme Silva Santos, Francirenildo Andrade Santos, Dmisticles de Andrade Vicente, André P. Liesen*, Juliano Carlo Rufino Freitas*.



Comparing Photocatalytic Activity of ZnO and Nanospherical ZnO/Bentonite Catalyst: Preparation, Structural Characterization and their Photocatalytic Performances using Oxytetracycline Antibiotic in Aqueous Solution

Ali İmran VAİZOĞULLAR.

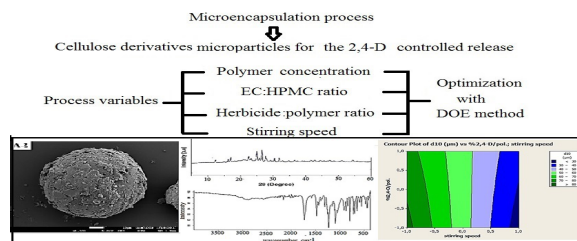


* The asterisk indicates the name of the author to whom inquiries about the paper should be addressed.

Table of Contents

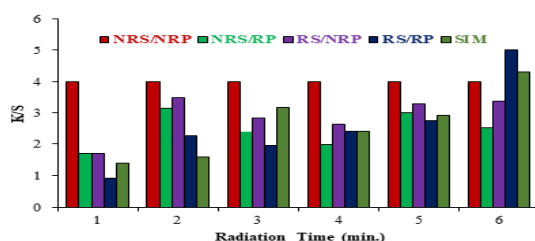
Preparation and Optimization of Agrochemical 2,4-D Controlled Release Microparticles using Designs of Experiments

Fatima Zohra BELMOKHTAR, Zineb ELBAHRI*,
Mohamed ELBAHRI.



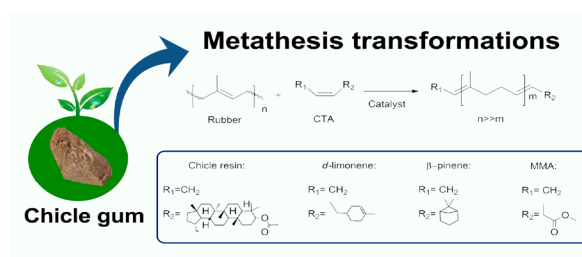
Sustainable Dyeing of Microwave Treated Polyester Fabric using Disperse Yellow 211 Dye

Shahid Adeel, Samreen Gul Khan*, Sania Shahid,
Muhammad Saeed, Shumaila Kiran, Muhammad Zuber,
Muhammad Suleman, Nasim Akhtar.



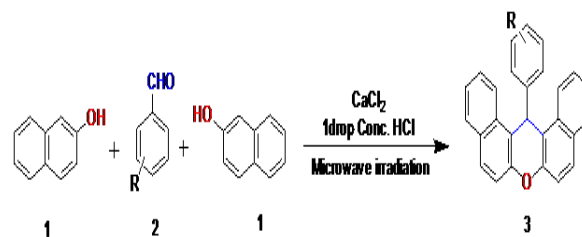
Chicle Gum from sapodilla (*Manilkara zapota*) as a Renewable Resource for Metathesis Transformations

Sonia Reyes-Gómez*, Raúl Montiel, Mikhail A. Tlenkopatchev*.



Calcium Chloride/HCl an Efficient Co-Catalytic System for Synthesis Xanthene under Microwave Condition

Pramod Kulkarni



One-pot, three-component Synthesis of pyrrolo[2,3-d]pyrimidine Derivatives

Ramin Javahershenas, Jabbar Khalafy*

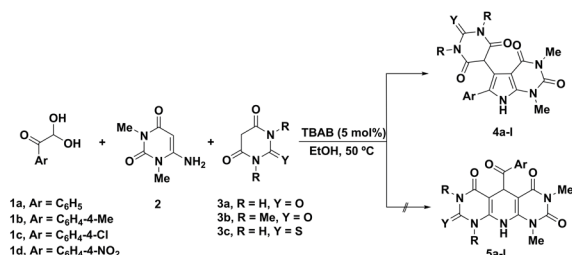
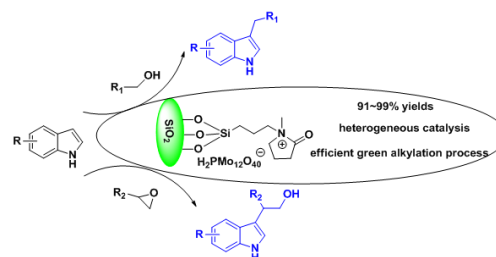


Table of Contents

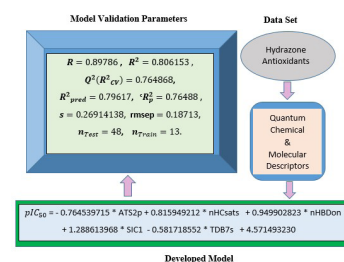
Supported Ionic Liquid H₂PMo₁₂O₄₀-NMPIL@SiO₂ as an Efficient Catalyst for Alkylation of Indoles with Epoxides or Alcohols under Mild Conditions

Jin Tan, Dong Fang, Yu Lin Hu*



Free Radical Scavenging Activity Evaluation of Hydrazones by Quantitative Structure Activity Relationship

Ikechukwu Ogadimma Alisi*, Adamu Uzairu, Stephen Eyije Abechi, Sulaiman Ola Idris.



Use *in vitro* of Gold Nanoparticles Functionalized with Folic Acid as a Photothermal Agent on Treatment of HeLa Cells

Linda Bertel Garay*, Stelia Carolina Méndez Sánchez, Fernando Martínez Ortega*.

