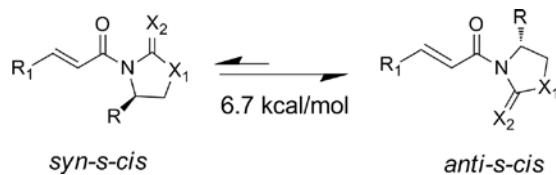




Table of Contents

Articles

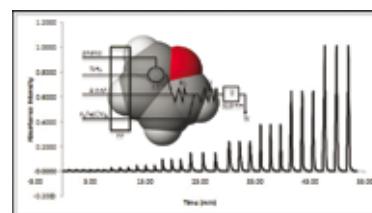
- 89-94** NMR and Theoretical Studies on the Conformational Preferences of Some Non-metal Coordinated N-Enoyl Systems Attached to Common Chiral Auxilaries
*Rosmarbel Morales-Nava, Alejandro Ramírez-Solís, and Mario Fernández-Zertuche**



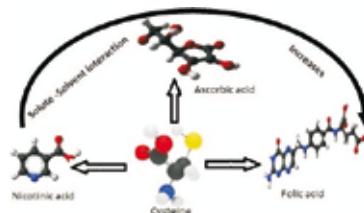
- 95-98** The Effect of NaOH and KOH on the Characterization of Mesoporous AlOOH Nanostructures in the Hydrothermal Route
Nahid Haghnazari, Mozaffar Abdollahifar, and Farahnaz Jahani*



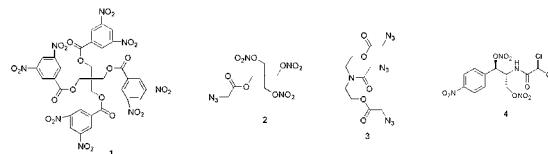
- 99-105** Plackett-Burman Factorial Design for the Optimization of a Spectrophotometric Flow Injection Method for Phenol Determination in Tap and Bottled Water Using 4-Aminoantipyrine
*E. G. Carrillo-Cedillo, M. P. Haro-Vázquez, G. C. Díaz Trujillo, and M. P. Cañizares-Macías**



- 106-112** Exploration of Diverse Interactions of Some Vitamins in Aqueous Mixtures of Cysteine
Mahendra Nath Roy, and Palash Chakraborti*



- 113-118** New Energetic Materials Derived from Pentaerythritol, Diethanolamine, and Chloramphenicol
*Miguel Ángel Romero**

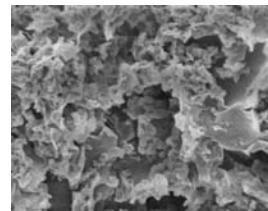


*The asterisk indicates the name of the author to whom inquiries about the paper should be addressed

Table of Contents

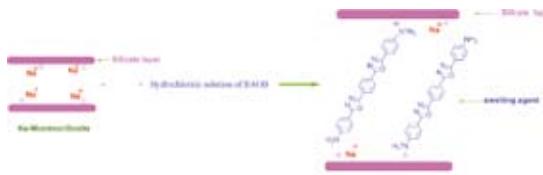
- 119-125 Polyethylene-Waste Tire Dust Composites Via *In Situ* Polymerization**

*Yadira Karina Reyes Acosta, Rosa Idalia Narro Céspedes, María Guadalupe Neira Velázquez, José Díaz Elizondo, Francisco Enríquez-Medrano, Luis Alejandro Valencia López, María Elena Ramos Aguiñaga, Hened Saade Caballero, and Ramón Díaz de León**



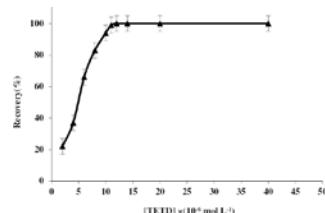
- 126-136 Novel Organo Soluble Polyimides and Polyimide Nanocomposites Based on 1,4-bis((4-aminophenyl)-1,3,4-oxadiazolyl)benzene, BAOB, via BAOB-modified Organoclay**

Yagoub Mansoori, and Kamran Darvishi



- 137-141 Determination of Trace Amount of Lead in Industrial and Municipal Effluent Water Samples Based on Dispersive Liquid-Liquid Extraction**

*Hamid Shirkanloo, Kaveh Sedighi, and Hassan Zavvar Mousavi**



- 142-151 Synthesis, Chemical Structure Elucidation and Biological Studies on the Effect of Some Vital Metal Ions on Lisinopril**

M. Zaky, Mohamed Y. El-Sayed, and Samy M. El-Megharbel



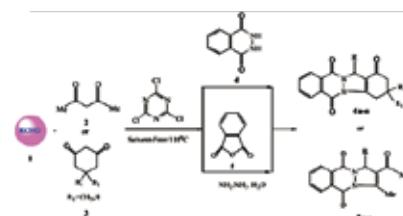
- 152-158 A Green Approach to the Production of 2-pyridone Derivatives Promoted by Infrared Irradiation**

*Fernando Hernández, Fabiola De la Cruz, Julio López, Eduardo Peña, Francisco Delgado, Yolanda Alcaraz, Juvencio Robles, Minerva Martínez-Alfaro, and Miguel A. Vázquez**



- 159-167 “In Situ” Generated “HCl”: A Highly Efficient Catalyst for One-Pot Synthesis of 1*H*-Indazolo[1,2-b]phthalazine-1,6,11-triones and 1*H*-pyrazolo[1,2-b]phthalazine-5,10-diones under Solvent-Free Conditions**

Behrooz Maleki, and Samaneh Sedigh Ashrafi*



- 168-172 One-pot Synthesis of Benzo[c]acridine Derivatives Using SBA-Pr-SO₃H as Nano Catalyst**

*Ghodsi Mohammadi Ziarani, * Somayeh Mousavi, Mahshid Rahimifard, and Alireza Badiei*

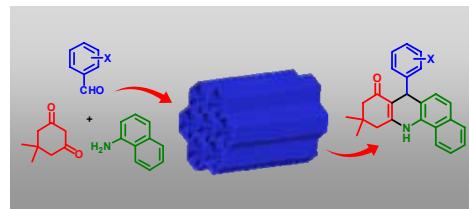
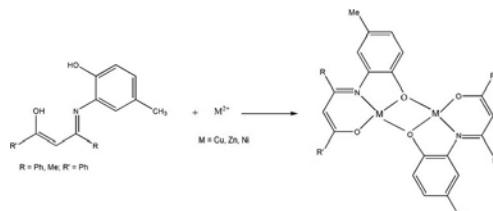
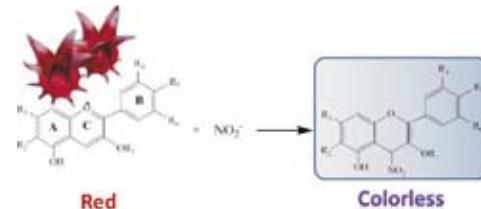


Table of Contents

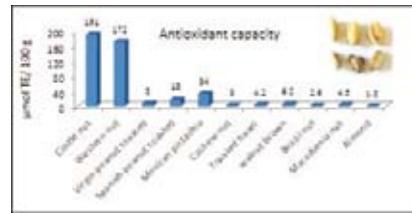
- 173-179** Synthesis, Spectroscopic Characterization, Thermal Analysis and Antibacterial Activity of Ni(II), Cu(II) and Zn(II) Complexes with Schiff bases Derived from β -Diketones
*Razieh Ahmadzadeh, Mohammad Azarkish, and Tahereh Sedaghat**



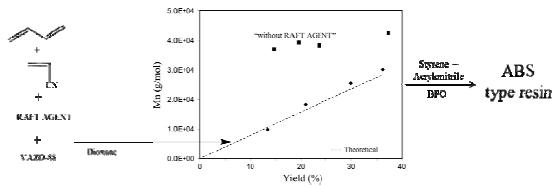
- 180-184** Determination of Nitrites in Commercial Sausages by Anthocyanins Degradation. Experimental Design and Optimization
*Carlos Andrés Galán-Vidal, Araceli Castañeda-Ovando, * Ma. Elena Páez-Hernández, and Elizabeth Contreras-López*



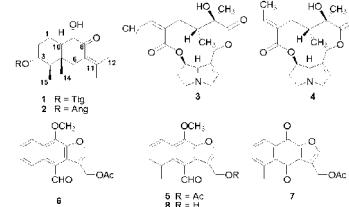
- 185-193** Comparison Between Antioxidant Activities of Phenolic Extracts from Mexican Peanuts, Peanuts Skins, Nuts and Pistachios
*Patricia Rosales-Martínez, Sofía Arellano-Cárdenas, Lidia Dorantes-Álvarez, Felipe García-Ochoa, and Ma del Socorro López-Cortez**



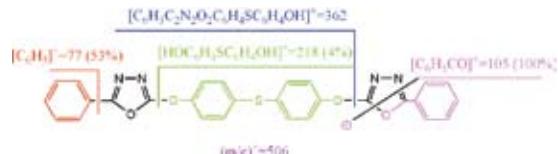
- 194-201** Synthesis and Characterization of NBR's by RAFT Technique and their use as Rubber Precursor in ABS Type Resins
*Francisco Javier Enríquez-Medrano, Florentino Soriano-Corral, Pablo Acuña-Vázquez, Edgar N. Cabrera-Álvarez, Hened Saade-Caballero, Adalí Castañeda-Facio, Luis Valencia López, and Ramón Díaz de León-Gómez**



- 202-204** Eremophilanes and Pyrrolizidine Alkaloids of Senecioneae Species
*Ana L. Pérez-Castorena, * Amira Arciniegas, José Luis Villaseñor, and Alfonso Romo de Vivar*



- 205-210** New Polynuclear Nonfused Bis(1,3,4-Oxadiazole) Systems
Yagoub Mansoori, and Raana Sarvari



- 211-217** Role of Iron(III)-salen Chloride as Oxidizing Agent with Thiodiglycolic Acid: The Effect of Axial Ligands
*Perumal Subramaniam, * Thangadurai Vanitha, Thiruttimuthu Kodispatti, and Chandra Raj Shanmuga Sundari*

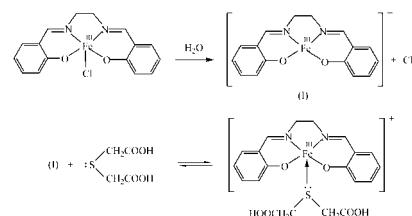
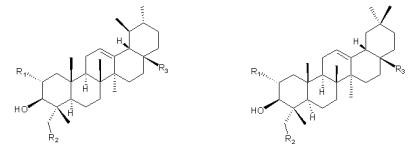


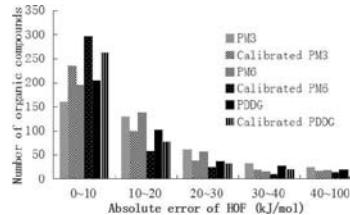
Table of Contents

- 218-222 Triterpenes and other Metabolites from *Tibouchina urvilleana***
Ana-Lidia Pérez-Castorena

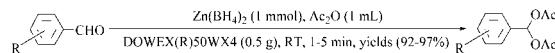


- 3 R₁=H R₂=H R₃=CH₃
5 R₁=H R₂=H R₃=CO₂H
9 R₁=OH R₂=OH R₃=CO₂H
11 R₁=OH R₂=OH R₃=CO₂Glu
- 4 R₁=H R₂=H R₃=CH₃
6 R₁=H R₂=H R₃=CO₂H
10 R₁=OH R₂=OH R₃=CO₂H
12 R₁=OH R₂=OH R₃=CO₂Glu

- 223-229 A Comparison of the Accuracy of Semi-empirical PM3, PDDG and PM6 methods in Predicting Heats of Formation for Organic Compounds**
Yang-Yang Wu, Feng-Qi Zhao, and Xue-Hai Ju*



- 230-234 Zn(BH₄)₂/Ac₂O/DOWEX(R)50WX4: A Novel System for Acylation of Aldehydes**
Davood Setamidideh



- 235-238 Song and Mason Equation of State for Refrigerants**
Farkhondeh Mozaffari

