

JOURNAL of the MEXICAN
CHEMICAL
SOCIETY



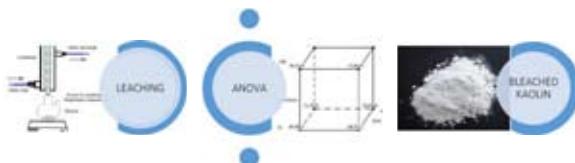
(J. Mex. Chem. Soc.)

T a b l e o f C o n t e n t s

Articles

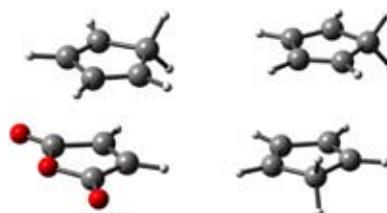
- 261-266 Statistical Treatment of Bleaching Kaolin by Iron Removal**

Román Ángel Hernández Hernández,* Felipe Legorreta García, Leticia Esperanza Hernández Cruz, and Antonia Martínez Luévanos



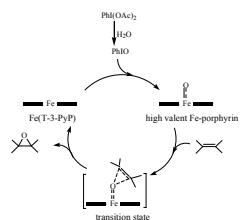
- 267-275 The Role of Supramolecular Intermediates in the Potential Energy Surface of the Diels-Alder Reaction**

Karla Ramírez-Gualito,* Néstor López-Mora, Hugo A. Jiménez-Vázquez,* Joaquín Tamariz, and Gabriel Cuevas*



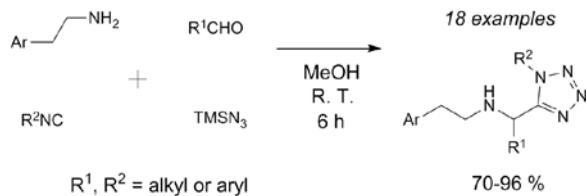
- 276-282 Zeolite Encapsulated Fe-porphyrin for Catalytic Oxidation with Iodobenzene Diacetate (Phi(OAc)₂)**

Gholamreza Karimipour,* Maryam Rezaei, and Davoud Ashouri



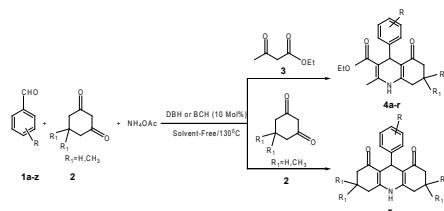
- 283-289 Efficient Synthesis of 1,5-disubstituted-1*H*-tetrazoles by an Ugi-azide Process**

Luis Edilberto Cárdenas-Galindo, Alejandro Islas-Jácome, Carlos Jesús Cortes-García, Laurent El Kaim,* and Rocío Gámez-Montañó*



- 290-297 One-Pot Synthesis of 1,8-Dioxodehydroacridines and Polyhydroquinoline using 1,3-Di (bromo or chloro)-5,5-Dimethylhydantoin as a Novel and Green Catalyst under Solvent-Free Conditions**

Behrooz Maleki,* Reza Tayebee, Mina Kermanian, and Samaneh Sedigh Ashrafi

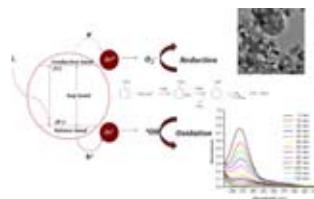


*The asterisk indicates the name of the author to whom inquiries about the paper should be addressed

Table of Contents

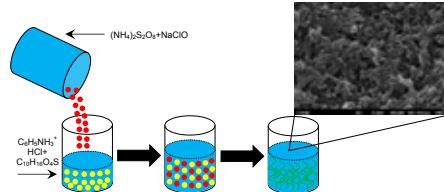
- 298-305 Photocatalytic Degradation of Nitrobenzene Using Nanocrystalline TiO₂ Photocatalyst Doped with Zn Ions**

Edgar Alonso Reynoso-Soto, Sergio Pérez-Sicairos, Ana Patricia Reyes-Cruzaley, Christian Leonardo Castro-Riquelme, Rosa María Félix-Navarro, Francisco Paraguay-Delgado, Gabriel Alonso-Núñez, Shui Wai Lin-Ho*



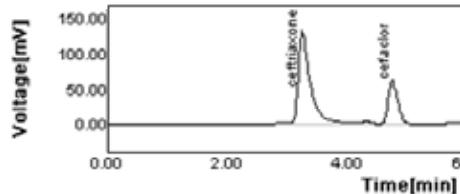
- 306-313 Submicrometric Fibrillar Structures of Codoped Polyaniline Obtained by Co-oxidation Using the NaClO/Ammonium Peroxydisulfate System: Synthesis and Characterization**

Jorge Enrique Osorio-Fuente, Carlos Gómez-Yáñez, María de los Ángeles Hernández-Pérez, and Mónica de la Luz Corea-Téllez*



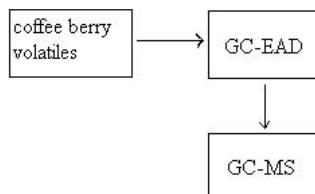
- 314-320 Development and Validation of HPLC Method for Simultaneous Determination of Ceftriaxone and Cefaclor in Commercial Formulations and Biological Samples**

Jasmin Shah, M. Rasul Jan, Sultan Shah, and M. Naeem Khan*



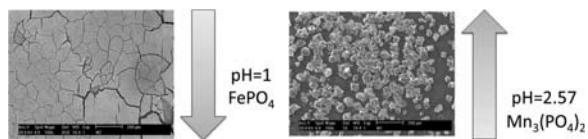
- 321-327 Chemical Analysis of Coffee Berry Volatiles That Elicit an Antennal Response From the Coffee Berry Borer *Hypothenemus hampei***

*Elias Neptali Cruz Roblero, and Edi A. Malo**



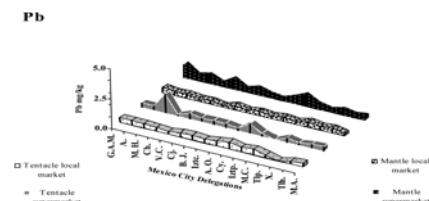
- 328-336 Understanding the Nature of the Manganese Hot Dip Phosphatizing Process of Steel**

Gabriela Alvarado-Macías, Juan Carlos Fuentes-Acetuno, Armando Salinas-Rodríguez, and Francisco Javier Rodríguez-Varela*



- 337-344 Trace Elements Determination by ICP-QMS in Octopus Edible Samples from Mexico City Markets**

L.V.R. Saldívar-Osorio, M.T.J. Rodríguez-Salazar, M. L. Soubran-Zamora, C.E. Márquez-Herrera, M.E. Castilla-Madrigal, M.G. Espejel-Mayo, M.A. Z. Arruda, and F. Barbosa-Jr.*



- 345-348 MSolvent-free Synthesis of 5H-dibenzo[*b,i*]xanthene-tetraones and Aryl-14H-dibenzo[*a,j*]xanthenes Using Ferric Chloride Hexahydrate as Catalyst**

Di Liu, Shixue Zhou, Jun Gao, Lin Li, and Dongmei Xu*

