

International Journal of Chemical Engineering and Applications

CONTENTS

Volume 7, Number 3, June 2016

• Chemical Kinetics

Effect of ZnO and NiO Modified HZSM-5 Catalyst for Ethanol Conversion to Hydrocarbons.....151

Thamer Adnan Abdullah and Hasan Akhtar Zaidi

Comparison Study of Heptylbenzene and Hexylbenzene Decomposition under Supercritical Water.....156

Pradip C. Mandal, Sujjan Chowdhury, and Mitsuru Sasaki

The Impact of Heat Transfer on Glucose Generation and Degradation with Instant Heating Technologies....161

Harun Sarip, Mohd Azemi Mohd Noor, and Karim Allaf

Kinetics Investigation of Cr(VI) Removal by Modified Perlite with Fe₂O₃ and MnO₂ Nanomaterials.....165

Serpil Edebali

• Physical Chemistry

Silver Electrodeposited Carbon Nanofiber-Epoxy Electrode for Fluoxetine Detection.....169

M. Ardelean, F. Manea, and R. Pode

Synthesis of Micron-sized Gold Nanoplates at Low Precursor Concentration Using Ionic Liquid as Novel Subphase Solvent.....173

Han Jia and Hongtao Zhou

Effect of Activated Carbon Source from Date Stone on Its Physico-Chemical Properties.....178

Mohamed Erhayem, Ragwan Mohamed, Osama Ghmeid, Abobaker Eljelane, and Mohammed Elhmmali

• Analytical Chemistry

Investigation of Cyclodextrin Inclusion Compounds Using FT-IR, SEM and X-Ray Diffraction.....182

S. Zidane, A. Maiza, H. Boulegblem, W. Herizi, and S. Dahmani

Urea Permeability of Citric Acid Crosslinked Chitosan-Poly (Vinyl Alcohol) Blend Membranes.....186

R. A. Lusiana, S. Isdadiyanto, and Khabibi

Evaluation of Fatty Acid Profile of Trabzon Butter.....190

Tulay Ozcan, Arzu Akpınar-Bayizit, Lutfiye Yılmaz-Ersan, Kader Cetin, and Berrak Delikanli

Synthesis, Spectroscopic and Quantum Chemical Studies of a Novel Cis-dioxomolybdenum(vi) Thiosemicarbazone Complex.....195

Berat İlhan Ceylan, Ayberk Yılmaz, Olcay Bölükbaşı, and Bahri Ülküseven

• Biochemistry

Anti-inflammatory Property of the Formulated Topical Gel from the Crude Leaf Extracts of Sampaguitta (*Jasminum sambac L.* Family: Oleaceae).....199

Yvonne Mae C. Belango, Arlene F. Cruz, Rhoda B. Miguel, Chad Rilyn L. Rotairo, and Riel Anthony T. Oli

Preformulation and Evaluation of Antibacterial and Anti-inflammatory Activities of <i>Saccharum spontaneum</i> Linne Root Extract Cream.....	204
<i>A. M. R. Lapuz, R. D. A. Arabiran, T. M. Sembrano, J. R. Albaniel, J. C. Paet, and H. A. Maini</i>	
• Chemical Synthesis	
A Novel Method for the Deprotection of N-Boc-D-Glucosamine-Ac by Irradiation via Microwave.....	209
<i>H. Bouleghlem, N. E. Aouf, and S. Zidane</i>	
Microwave Assisted Solvent Free Synthesis of Disulfides with Tributylammonium Halochromates(VI), $(C_4H_9)_3NH^+[CrO_3X]^-$, (X=F, Cl)	213
<i>Mohammad Kazem Mohammadi and Parya Nasehi</i>	