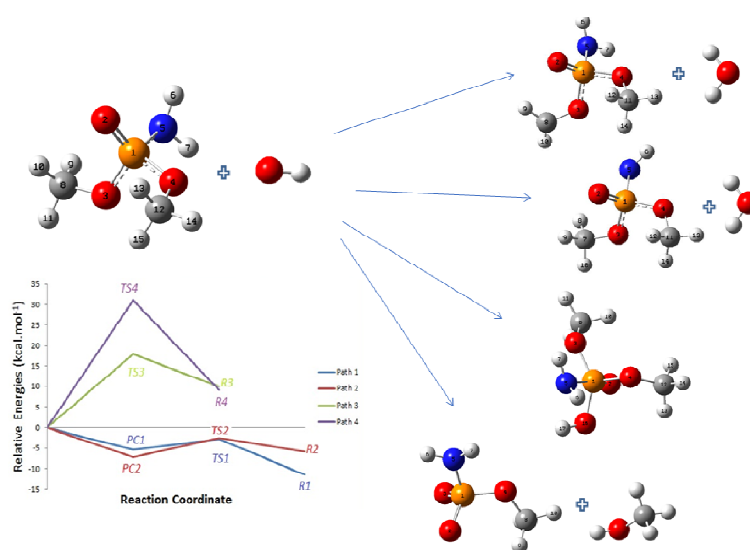


CONTENTS

Theoretical investigation on the kinetics of dimethyl phosphoramidate with hydroxyl radicals

Şeyda Aydogdu and Arzu Hatipoglu

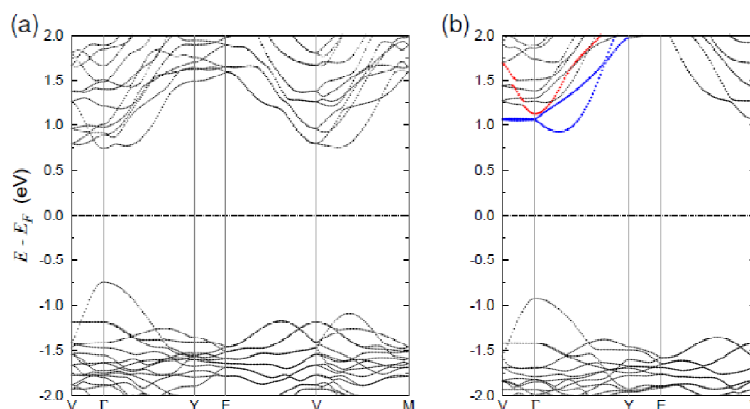
pp. 1117-1122



Structural and electronic properties of layered semiconductor chalcogenide crystals: TIGaSe₂, TIGaS₂ and TIInS₂

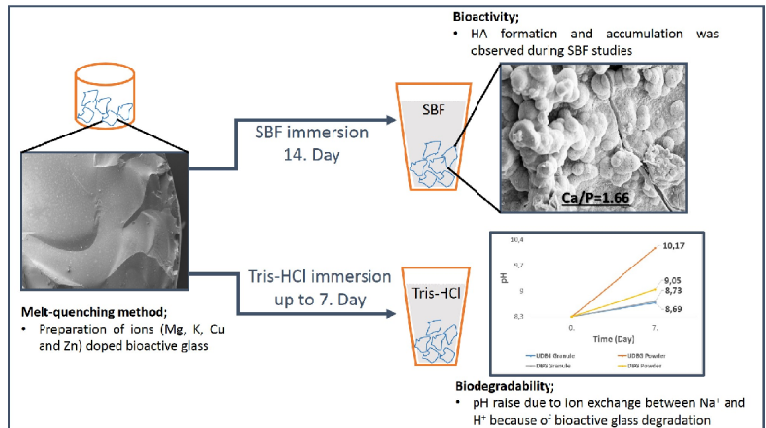
Burak Gurkan and Savas Berber

pp. 1123-1130



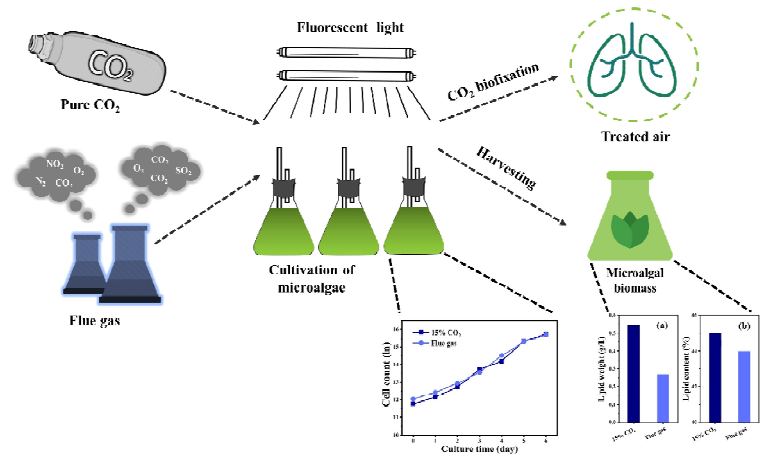
Investigation of Mg, K, Cu, Zn doped S53P4 bioactive glass *in vitro* studies; bioactivity and biodegradability features

Cem Batuhan Cevlik, Ali Can Ozarslan, Burcu Karakuzu İvizler, Yeliz Basaran Elalmis and Sevil Yücel
pp. 1131-1136



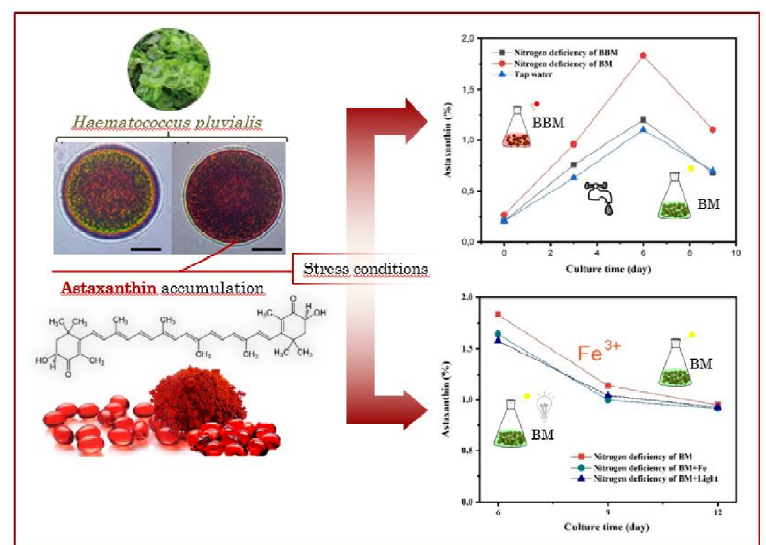
Utilization of the simulated flue gas on the cultivation of *Chlorella protothecoides*

Cem Özel, Muharrem Erdem Boğoçlu, Ceren Keçeciler, Ecem Kaplan and Sevil Yücel
pp. 1137-1142



The accumulation of astaxanthin from *Haematococcus pluvialis* in different stress factors

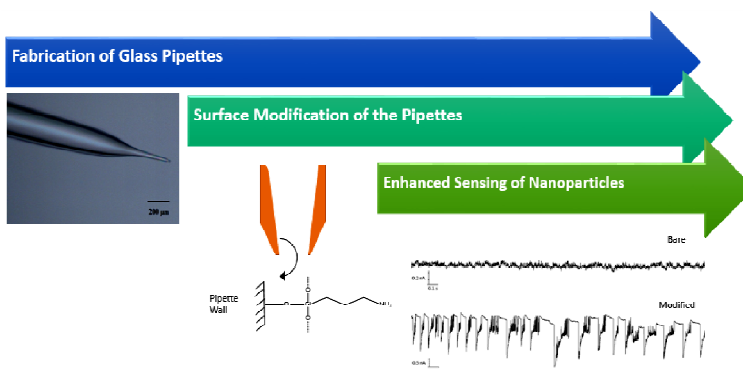
Muharrem Boğoçlu, Ceren Keçeciler, Ceren Çokcan, Cem Özel, Bilge Sema Tekerek and Sevil Yücel
pp. 1143-1148



Fabrication, modification and sensing behaviour of quartz micro/nanopipettes

Dila Kaya, Kaan Kececi and Durdane Yilmaz

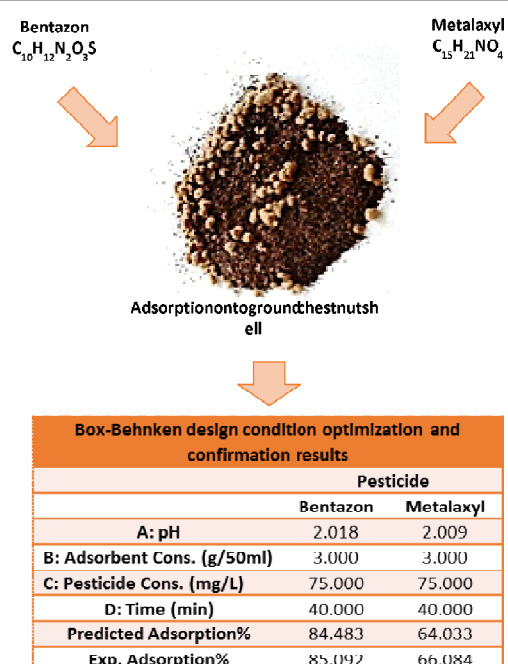
pp. 1149-1154



Removal of Bentazon and Metalaxyl pesticides from aqueous solutions by using chestnut shells: Process optimization by experimental design, adsorption kinetics and isotherm analysis

Barış Diler and Dilek Kılıç Apar

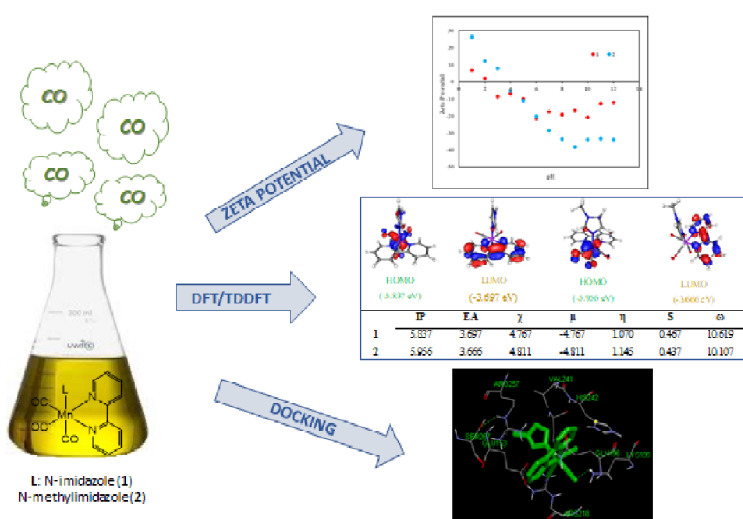
pp. 1155-1161



Physicochemical properties, molecular docking and global reactivity descriptors of manganese carbonyl complexes with imidazole ligands

Gaye Gungor, Dolunay Sakar Dasdan, Elvan Üstün and Neslihan Şahin

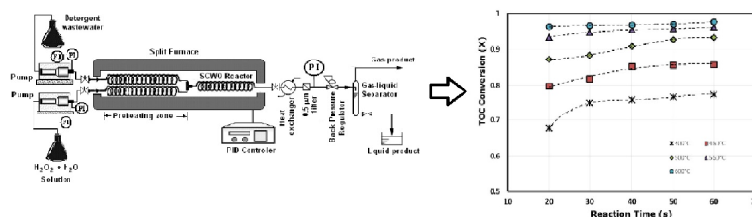
pp. 1163-1168



The treatment of detergent industry wastewaters by supercritical water oxidation

Ekin Kıpçak, Sema Şentürk and Mesut Akgün

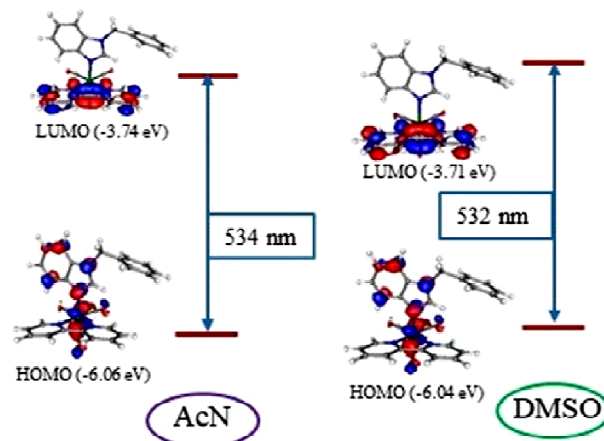
pp. 1169-1173



Molecular docking and electronic transition analysis of novel [Re(bbim)(bpy)(CO)₃]OTf complex as a CO-releasing molecule

Elvan Üstün, Mutlu Sönmez Çelebi, Neslihan Şahin, Serpil Demir Düşünceli and İsmail Özdemir

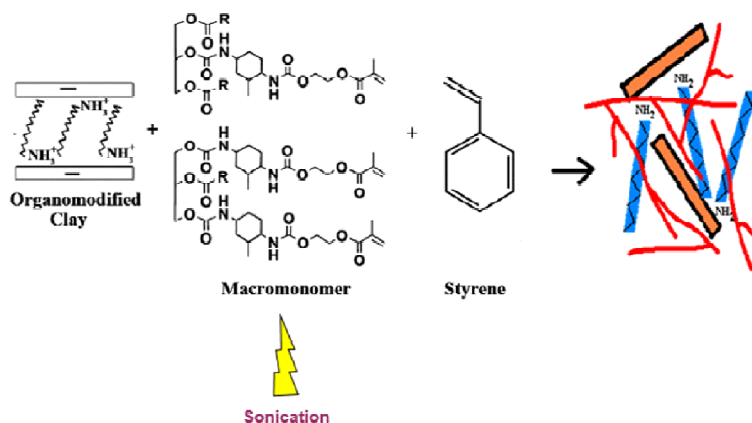
pp. 1175-1179



Effect of sonication on the synthesis of exfoliated polymer clay nanocomposites

A. T. Erciyes, Y. Bayram and E. Akyol

pp. 1181-1187

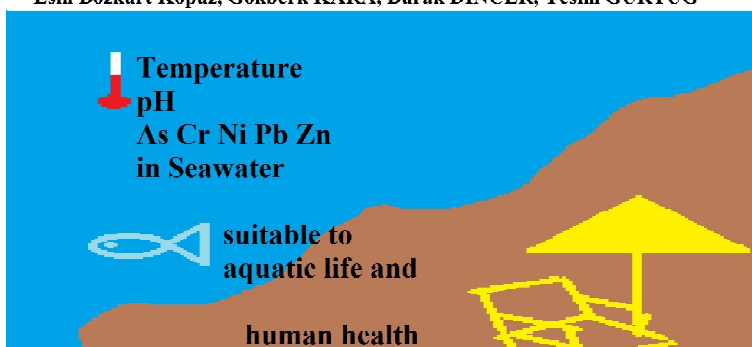


Water quality in Istanbul, Marmara Sea

Esin Bozkurt Kopuz, Gokberk Kara, Burak Dincer and Yesim Gurtug

pp. 1189-1193

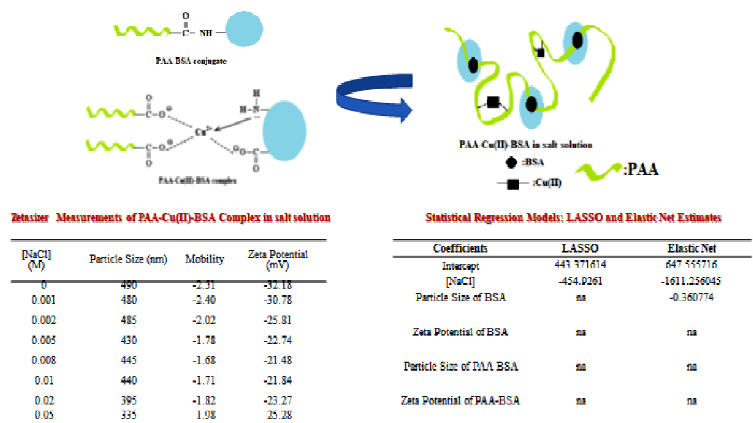
Water quality in Istanbul, Marmara Sea
Esin Bozkurt Kopuz, Gokberk KARA, Burak DINCER, Yesim GURTUG



Modeling particle size of polyacrylic acid-copper(II)-bovine serum albumin ternary complex in salt solution

Dolunay Sakar Dasdan, Mesut Karahan, Fatma Noyan Tekeli and Gulhayat Golbaşı Simşek

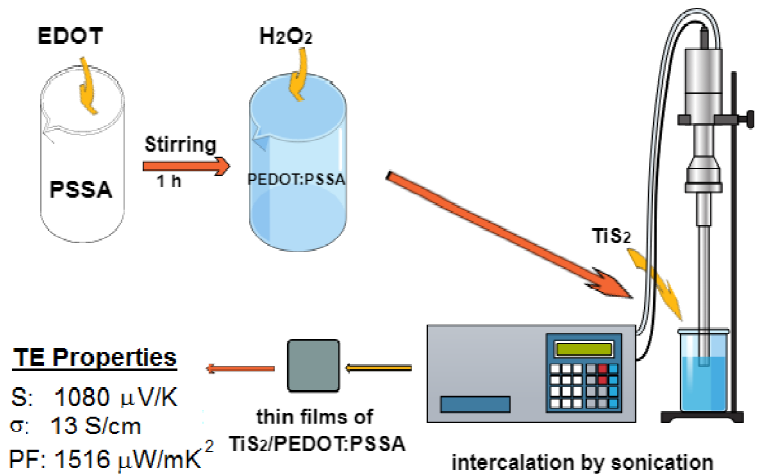
pp. 1195-1198



A novel n-type hybrid composite with a large Seebeck coefficient around room temperature based on poly(3,4-ethylene dioxydiophene) and titanium disulfide

Naseer Subhi Ahmed and Ferdane Karaman

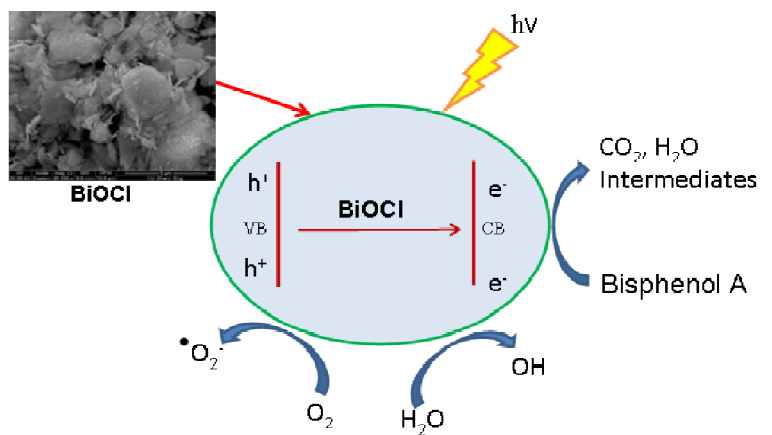
pp. 1199-1204



Preparation and characterization of bismuth oxychloride nanoparticles for the development of photocatalytic performance

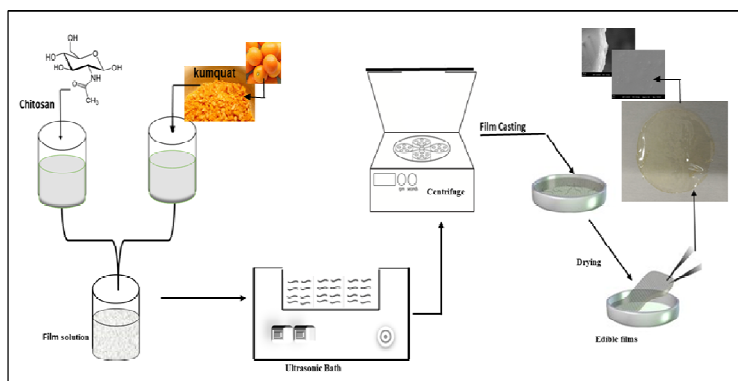
Bilal İbrahim Dan-İya and G. Selda Pozan Soylu

pp. 1205-1209



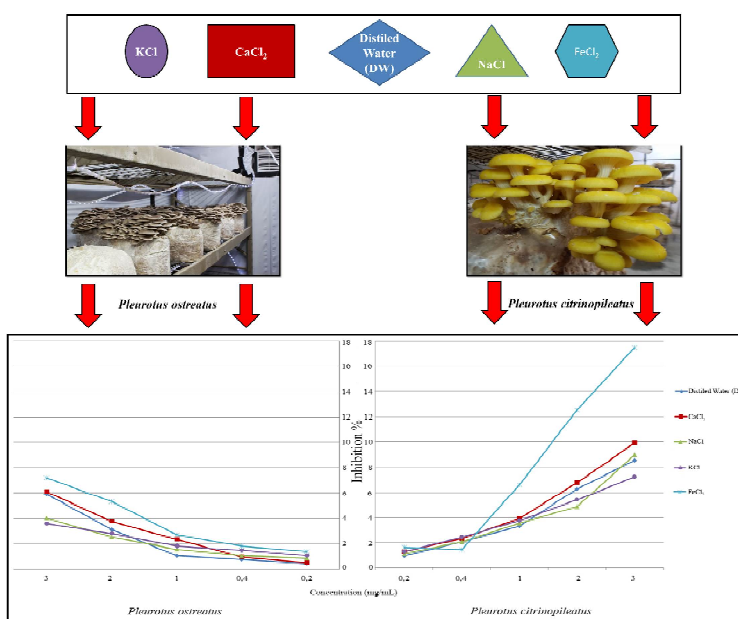
Development of chitosan-based edible biocomposite films incorporated with Kumquat peels extract as food packaging

Fatmagül Şahin, İlnur Küçük and İbrahim Doymaz
pp. 1211-1216



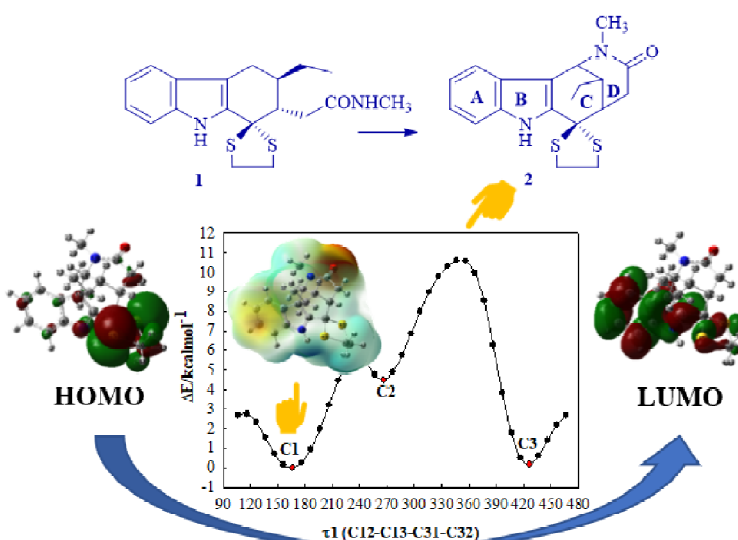
Investigation of changes in antioxidant activity of some *Pleurotus* species by using composts including different metal salts

Mertcan Karadeniz, Temel kan Bakır and Sabri Ünal
pp. 1217-1220



An efficient method for the azocino[4,3-b]indole framework of strychnos alkaloids: DFT investigations on the electronic and spectroscopic properties

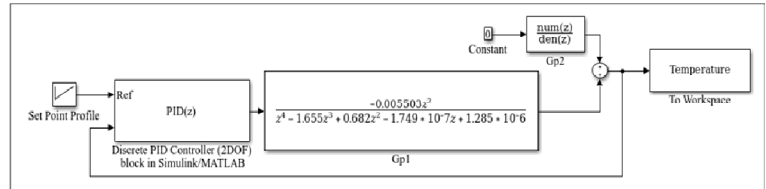
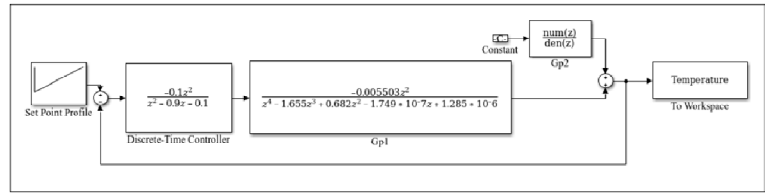
Nesimi Uludağ, Goncağül Serdaroğlu and Naki Çolak
pp. 1221-1226



Discrete-time controllers for temperature control of a polystyrene polymerization reactor

H. Hapoglu, G. Özkan and S. Altuntaş

pp. 1227-1232

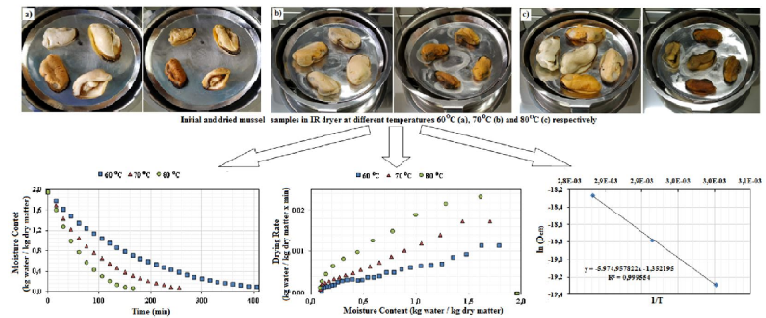


Discrete-time controllers for temperature control of a polystyrene polymerization reactor

Temperature controlled infrared drying kinetics of mussels

Sema Sevim, Emek Derun, Nurcan Tugrul, İbrahim Doymaz and Azmi Seyhun Kipcak

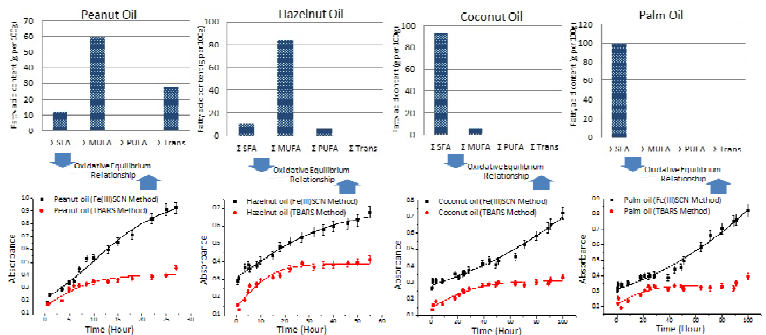
pp. 1233-1238



The influence of chemical composition on peroxidation kinetics of palm and nut oils

Temel kan Bakır

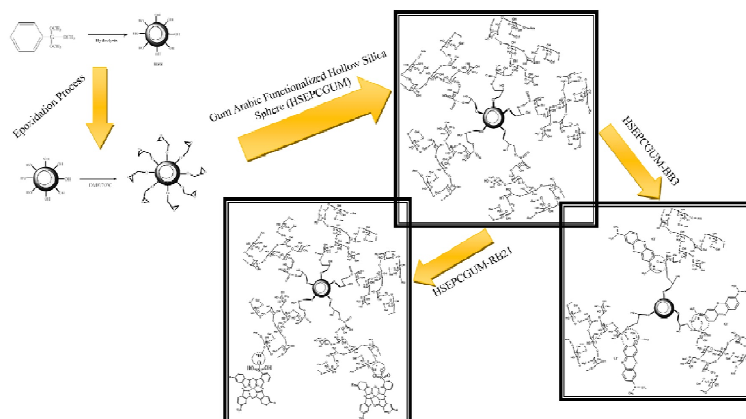
pp. 1239-1244



Binary biomaterials (inorganic material/natural resin): Synthesis, characterization and performance for adsorption of dyes

Hakan Duran, Sedef Sismanoglu and Tuba Sismanoglu

pp. 1245-1251



Modelling of oxydibzenesulfonyl hydrazide (OBSH) in gas-phase

Bahar Eren and Yelda Yalcin Gurkan

pp. 1253-1258

