Table of Contents

Stabilization of Kappa Carrageenan Film by Crosslinking: Comparison of Glutaraldehyde and Potassium Sulphate as the Crosslinker	1
Sperisa Distantina, Rochmadi, Mohammad Fahrurrozi and Wiratni	
Three-Suffix Margules Model for Liquid-Liquid Phase Equilibrium in Phenolic Compound Extraction from Coal Tar	6
Dewi Selvia Fardhyanti, Megawati and Sri Wahyuni	
Simple Kinetic Model for Extraction of Glucomannan from Porang (<i>Amorphophallus muelleri</i> Blume)	11
Fadilah, Rochmadi, Siti Syamsiah and Haryadi	
The Exploratory Study on Sulfide Removal Ability of Sulfur-Oxidizing Bacteria in Biofilm on Salak Fruit Seeds	16
Retno A. S. Lestari, Wahyudi B. Sediawan, Siti Syamsiah and Sarto	
Experimental Investigation on Segregation of Binary Mixture of Solids by Continuous Liquid Fluidization	20
S. Narasimha Reddy and P. S. T. Sai	
A Study of Plasma-Assisted Rechargeable Antimicrobial Finishing for Cotton	25
C. W. Kan, C. E. Zhou, A. Luximon, K. W. Lau and K. S. Chen	
Extraction of Grapefruit Essential Oil from Grapefruit Peels	29
Adithya Subramanian, S. Ananthan, M. Vignesh, S. P. Selva Bharathi and M. Thirumarimurugan	
Basic Red 46 Removal from Aqueous Solutions by Using Sodium Hydroxide and Epichlorohydrin Modified Sugar Beet Pulp	34
Nurdan Bahar and Fikret Tümen	
Kinetic Study of Basic Violet 7 Sorption from Aqueous Solutions onto Sodium Hydroxide and Citric Acid Modified Sugar Beet Pulp	39
Nurdan Bahar and Fikret Tümen	
Effects of Wetting Agents and Approaching Anode on Lead Migration in Electrokinetic Soil Remediation	44
Yee-Sern Ng, Mohd Ali Hashim and Bhaskar Sen Gupta	
Removal of Reactive Dyes from Aqueous Solutions by Sugar Beet Pulp and Modified Products of Sugar Beet Pulp in Batch System	49
Nurdan Bahar	
Two-Stage Thermal Conversion of Indonesian Nyamplung Oil (<i>Calophyllum inophyllum</i>) to Improve the Selectivity of Light Organic Liquid Product	54
Heny Dewajani, Rochmadi, Suryo Purwono and Arief Budiman	
Removal of Reactive Dyes from Aqueous Solutions by Sugar Beet Pulp and Modified Products of	59

a D	. D 1	T' 1D	1 0 1
Sugar Be	et Pulp in	a Fixed Be	ed Column

Nurdan Bahar

Esterification of Indonesian Turpentine with Acetic Acid over Ion-Exchange Resin	64
Diana, Sutijan, Rochmadi and Arief Budiman	
Experimental Investigation on Pyrotechnic Igniter for Solid Rocket Motor	69
Paisan Apinhapat and Narupon Pittayaprasertkul	
Removal of Hexavalent Chromium from Groundwater by Continuous Electrocoagulation	74
Muftah H. El-Naas and Shaima S. Hamdan	
Natural Convection Heat Transfer from an Inclined Cylinder to Glycerol and Water	79
Samane Hamzekhani, Amir Akbari, Majedeh Maniavi Falahieh, Mohammad Rasoul Kamalizadeh and Mohammadreza Fardinpour	
Effect the Er:YAG Laser Treatment on Skin Tissue	84
Sana Mohammed Anayb Baleg, Noriah Bidin, Lau Pik Suan, Muhammad Fakarruddin Sidi Ahmad and Ganesan Krishnan	
Photocatalytic Activity and Hydrophilicity of Immobilized Nano- TiO_2 Thin Films Prepared with Surfactants	88
Eden G. Mariquit, Winarto Kurniawan, Masahiro Miyauchi and Hirofumi Hinode	
Author Index	93