CONTENTS

Chemistry

Hanane Fodil and Mahmoud Omari Synthesis, Structural and Physicochemical Characterization of BaFe _{1-x} Al _x O _{3-\delta} Oxides Deepali Kelkar and Ashish Chourasia Structural Thermal and Floridal Paparties of Departies of Departies and Delay (2.4 otherland dispath) and Palace (3.4 otherland dispath).	
	387
	205
Structural, Thermal and Electrical Properties of Doped Poly(3,4-ethylenedioxythiophene) Zoryan Pikh, Roman Nebesnyi, Volodymyr Ivasiv, Andrij Pich and Sofia Vynnytska	395
Oxidation of Unsaturated Aldehydes by Peracetic Acid	401
Suellem Cordeiro, Leticia Pereira, Marina de O. Simoes and Maria de Fatima Marques	401
Synthesis and Evaluation of New Bis(imino) Pyridine Based Catalysts for Ethylene Polymerization	413
Mykhailo Nagornyak, Natalia Figurka, Volodymyr Samaryk, Serhiy Varvarenko,	
Maria Ferens and Victoria Oleksa	
Modification of Polysaccharides by N-Derivatives of Glutamic Acid Using Steglich Reaction	423
Mykhaylo Yatsyshyn, Viktoriia Makogon, Oleksandr Reshetnyak, Pavlo Demchenko, Nataliya Dumanchuk	
and Yuriy Stadnyk	
Properties of the Hybrid Glauconite/Polyaniline Composites Synthesized	
in the Aqueous Citrate Acid Solutions	429
Chemical Technology	
onemical recrimology	
Ilma Cirne, Jaime Boaventura, Yuri Guedes and Elizabete Lucas	
Methods for Determination of Oil and Grease Contents in Wastewater from the Petroleum Industry	437
Aleksander Hejna, Paulina Kosmela, Milena Kopczynska, Jozef Haponiuk and Lukasz Piszczyk	
Microwave Assisted Liquefaction with Crude Glycerol as a Potential Method	115
of Brewer's SpentGrain Utilization Marrie de Oliveiro, Lenico Vicina, Luico Mirando, Panielo Mirando, and Luiz C. C. Marruso.	445
Marcia de Oliveira, Lenise Vieira, Luise Miranda, Daniele Miranda and Luiz C. C. Marques	
On the Influence of Micro- and Macro-Cristalline Paraffins on the Physical	451
and Rheological Properties of Crude Oil and Organic Solvents Roman Hosovskyi, Diana Kindzera and Volodymyr Atamanyuk	431
Diffusive Mass Transfer during Drying of Grinded Sunflower Stalks	459
Debora Almeida and Maria de Fatima Marques	403
Niobium Oxide as Catalyst for the Pyrolysis of Polypropylene and Polyethylene Plastic Waste	465
Mykhaylo Bratychak, Natalya Chopyk and Victoria Zemke	100
Effect of Hydroxyapatite on the Glue Line Strength of the Compositions Containing Polyvinylpirrolidone	473
Yulia Lukanina, Anatoliy Khvatov, Natalya Kolesnikova and Anatoliy Popov	
The Effect of Cooling Rate during Crystallization on the Melting Behavior of Polypropylenes	
of Different Chemical Structure	479
Anna lakovlieva, Oksana Vovk, Sergii Boichenko, Kazimierz Lejda and Hubert Kuszewski	
Physical-Chemical Properties of Jet Fuel Blends with Components Derived from Rapeseed Oil	485
Bemgba Nyakuma, Olagoke Oladokun, Yakubu Dodo, Syie Wong, Habibu Uthman and Muhamad Halim	
Fuel Characterization and Thermogravimetric Analysis of Melon (Citrullus Colocynthis L.) Seed Husk	493
Tatiana Gridneva, Alexander Kravchenko, Vadim Barsky and Natalia Gurevina	
Obtaining of High Purity Amorphous Silicon Dioxide from Rice Husk	499
Victor Yavorskiy, Yuriy Sukhatskiy, Zenoviy Znak and Roman Mnykh	
Investigations of Cavitation Processes in Different Types of Emitters Using Sonochemical Analysis	507
Tetiana Obushenko, Natalia Tolstopalova, Olga Kulesha and Igor Astrelin	-4-
Thermodynamic Studies of Bromphenol Blue Removal from Water Using Solvent Sublation	515