

CONTENTS

Chemistry

<i>Bogdana Bashta, Volodymyr Donchak, Marta Plonska-Brzezinska, Olena Astakhova and Michael Bratychak</i> Investigation of Functional Carboxy-Containing Oligomers by IR and NMR Spectroscopy	125
<i>Valentina Chernova, Angela Shurshina, Elena Kulish and Gennady Zaikov</i> Some Approaches to Viscometric Study of Chitosan in Acetic Acid Solution	135
<i>Ostap Ivashkiv, Pavel Kubica, Igor Polyuzhyn, Jacek Namiesnik, Olena Shyshchak and Michael Bratychak</i> RP- HPLC with Detection by Means of ESI-MS and UV for Identification of Chromatographic Peaks of Some Hydroxy Derivatives of Epoxy Resin	141
<i>Olga Staroverova, Svetlana Karpova, Alexey Iordanskii, Anatoliy Olkhov, Anatoliy Khvatov, Alexandru Mihai Grumezescu, Natalia Kildeeva, Marina Artsis and Gennady Zaikov</i> Comparative Dynamic Characteristics of Electrospun Ultrathin Fibers and Films Based on Poly(3-hydroxybutyrate)	151
<i>Ihor Tarnavchyk, Andriy Voronov, Volodymyr Donchak, Olga Budishevskaya, Olena Kudina, Olena Khomenko, Khrystyna Harhay, Volodymyr Samaryk and Stanislav Voronov</i> Synthesis and Self-assembly of Amphiphilic Oligoesters Based on Pyromellitic Acid	159
<i>Bohdan Dzinyak and Stepan Melnyk</i> Initiated by Organic Peroxides Cooligomerization of Unsaturated Hydrocarbons of C ₅ fraction - By-product of Ethylene Production	173
<i>Rajan Patel, Neeraj Dohare and Abbul Bashar Khan</i> Interfacial and Wetting Behavior of Cationic, Anionic and Nonionic Surfactants in the Absence and Presence of Lysozyme	179
<i>Volodymyr Skorokhoda, Nataliya Semenyuk, Iryna Dziaman and Oleg Suberlyak</i> Mineral Filled Porous Composites Based on Polyvinylpyrrolidone Copolymers with Bactericidal Properties	187

Chemical Technology

<i>Victor Yavorskiy and Andriy Helesh</i> Waste Gases Cleaning at the Production of Ferrum Oxide Pigment Using Horizontal Apparatus with Bucket-like Dispersers	193
<i>Abhijit Jadhav and Govindraj Mohanraj</i> Synthesis of Activated Carbon from <i>Cocos Nucifera</i> Leaves Agrowaste by Chemical Activation Method	201
<i>Liliya Frolova and Alexander Pivovarov</i> Obtaining of Brown Pigments from Concentrated Waste Water Containing Nickel	209
<i>Heri Kusuma, Ditta Putri, Intan Dewi and Mahfud Mahfud</i> Solvent-free Microwave Extraction as the Useful Tool for Extraction of Edible Essential Oils	213
<i>Oleksandra Voronych, Sergiy Kurta, Volodymyr Starchevskyy and Sofiya Fedorchenko</i> Technology of Recycling, Properties and Use of Polyvinylchloride-Coated Paper Waste	219
<i>Snatika Sarkar and Vijaya Ilango</i> Advancement in Applicability of Carbon Nanotubes in Progressive Fuel Cells	227
<i>Vira Sabadash, Jaroslaw Gumnitsky and Anna Hyvlyud</i> Mechanism of Phosphates Sorption by Zeolites Depending on Degree of their Substitution for Potassium Ions	235
<i>Oleg Budnik, Anatoliy Budnik, Valentin Sviderskiy, Kristina Berladir and Pavel Rudenko</i> Structural Conformation of Polytetrafluoroethylene Composite Matrix	241
<i>Yanuardi Raharjo, Atika Gardena Kartika and Usreg Sri Handajani</i> Analysis of Di-(2-ethylhexyl)phthalate in Plastic Bottles of Drinking Water with Cone-shaped Membrane-Liquid Phase Microextraction	247
<i>Myroslav Malovanyy, Volodymyr Nikiforov, Olena Kharlamova and Olexander Synelnikov</i> Production of Renewable Energy Resources via Complex Treatment of Cyanobacteria Biomass	251

Events

<i>Volodymyr Vostres</i> In Memory of Professor Edward Sucharda: Apropos of the 125 th Anniversary of Birth	I
---------------------------------------------------------------------------------------------------------------------------	---