

CHEMISTRY & CHEMICAL TECHNOLOGY

CONTENTS

Chemistry

- Guzide Ertokus, Asli Tugrul*
Spectrophotometric Determination of Acetylsalicylic Acid, Paracetamol and Ascorbic Acid by Chemometric Methods 279
- Natalia Slyvka, Yuri Gevaza, Lesya Saliyeva*
Electrophilic Intramolecular Cyclization of 1-(*N*-alkenyl)-6-methylpyrimidine-2,4-diones 285
- Emmy Yuanita, Harno Dwi Pranowo, Dwi Siswanta, Respati Tri Swasono, Mustofa, Abdul Karim Zulkarnain, Jufrizal Syahri, Jumina*
One-Pot Synthesis, Antioxidant Activity and Toxicity Evaluation of Some Hydroxyxanthenes 290
- Mohd Jumain Jalil, Siti Khatijah Jamaludin, Ahmad Rafizan Mohammad Daud*
Degradation Oxirane Ring Kinetics of Epoxidized Palm Kernel Oil-Based Crude Oleic Acid 296
- Maryna Stasevych, Viktor Zvarych, Semen Khomyak, Volodymyr Lunin, Nazarii Kopak, Volodymyr Novikov, Mykhailo Vovk*
Proton-Initiated Conversion of Dithiocarbamates of 9,10-Anthracenedione 300
- Orest Kuntiyi, Mariana Shepida, Lubov Sus, Galyna Zozulya, Serhiy Korniy*
Modification of Silicon Surface with Silver, Gold and Palladium Nanostructures via Galvanic Substitution in DMSO and DMF Solutions 305
- Arjumandbanu Abdulwahab Kittur, Gattumane Motappa Madhu, Sudhina Hulagurmash Rashmi, Sowmya Surapanhalli Rajanna, Naveenkumar Ashok Yaranal*
Polymeric Nanocomposites for Dehydration of Isopropyl Alcohol-Water Mixtures by Pervaporation 310
- Mariia Yakoviv, Nataliia Fihurka, Nataliya Nosova, Volodymyr Samaryk, Taras Vasylyshyn, Svitlana Hermanovych, Stanislav Voronov, Sergiy Varvarenko*
Researches of Amphiphilic Properties of Copolyesters with Chromophore Groups 318
- Oleg Kabat, Vladimir Sytar, Konstantin Sukhyy*
Antifrictional Polymer Composites Based on Aromatic Polyamide and Carbon Black 326
- Bella Prelina, Januardi Wardana, Ahya Isyatir R., Zakiyatus Syukriyah, Siti Wafiroh, Yanuardi Raharjo, Murobbiyatul Wathoniyyah, Alfa Akuista Widati, Mochamad Zakki Fahmi*
Innovation of Zeolite Modified Polyethersulfone Hollow Fibre Membrane for Haemodialysis of Creatinine 331

Chemical Technology

- Andriy Khokhlov, Volodymyr Strelko, Liudmyla Khokhlova*
Physico-Chemical Features of Bioactive Carbon Sorbents for Oil 337
- Andriy Galstyan, Genry Galstyan, Luibov Timoshyna*
Research of the Process of Liquid Phase Selective Oxidation of 4-Aminotoluene with Ozone 341
- Volodymyr Starchevskyy, Viktoriia Ribun, Sergii Kurta, Olga Khatsevich*
Properties and Composition of Absolutized Ethanol and its Effect on the Gasoline Octane Number 346
- Yuriy Prysiashnyi, Mariia Shved, Serhiy Pyshyev, Halyna Bilushchak, Anastasia Pyshieva*
Determination of Optimum Conditions Effect of Coal Oxidative Desulfurization to Produce Pulverized Coal 355
- Bohdan Korchak, Oleh Hrynyshyn, Taras Chervinskyy, Igor Polyuzhin*
Application of Vacuum Distillation for the Used Mineral Oils Recycling 365

<i>Mohamad Reza Khademolhosseini, Iman Mobasherpour, Davoud Ghahremani</i> Lead Adsorption by Nano-Hydroxyapatite Granules in a Fixed-Bed Column	372
<i>Michael Bratychak, Olena Astakhova, Yuriy Prysiashnyi, Mariia Shved, Olena Shyshchak, Jacek Namiesnik, Marta Plonska-Brzezinska</i> Obtaining of Coumarone-Indene Resins Based on Light Fraction of Coal Tar. 3. Coumarone-Indene Resins with Methacrylic Fragments	379
<i>Iryna Lutsyuk, Yaroslav Vakhula</i> Theoretical Aspects of Modification Mechanism for Sol-Gel Ceramic Oxide Powders of Technical Application	386
<i>Oksana Savvova, Gennadii Voronov, Vitalii Topchyj, Yuliya Smyrnova</i> Glass- Ceramic Materials on the Lithium Disilicate Basis: Achievements and Development Prospects	391
<i>Petro Topilnytskyj, Victoria Romanchuk, Tetiana Yarmola</i> Production of Corrosion Inhibitors for Oil Refining Equipment Using Natural Components	400
<i>Ferial Krid, Emna Zouaoui, Mohamed Salah Medjram</i> Aqueous Extracts of <i>Opuntia Ficus-Indica</i> as Green Corrosion Inhibitor of A283C Carbon Steel in 1N Sulfuric Acid Solution	405
<i>Viktoria Vorobyova, Olena Chygyrynets', Margarita Skiba, Inna Trus, Svitlana Frolenkova</i> Grape Pomace Extract as Green Vapor Phase Corrosion Inhibitor	410

Events

<i>Liudmyla Babyak, Olexandra Matsyak</i> Professor Vasyl Shevchuk – 90 th Anniversary	I
<i>Michael Bratychak,</i> Olena Shyshchak – 50 th Anniversary	III
Oleg Grynshyn IX th International Scientific- Technical Conference “Advance in Petroleum and Gas Industry and Petrochemistry” (APGIP- 9)	V