CONTENTS

Chemistry	
Olesia Shmychkova, Amina Magamedova, Dmitriy Girenko, Tatiana Luk'yanenko and Alexander Velichenko Influence of Bi ³⁺ Ions on Kinetics of Lead Dioxide Electrodeposition from Methanesulfonate Electrolytes	365
Dariya Semenyshyn, Iryna Typilo, Roman Gladyshevskii and Volodymyr Starchevskyy Regularities in the Crystal Structures of Heterocationic Octacyanometallates(IV) Molybdenum and Tungsten	369
Dmytro Freik and Liliya Turovska	307
Point Defects and Physico-Chemical Properties of Crystals in Pb-Bi-Te System	375
Stefan Harkov, Dmytro Havrylyuk and Roman Lesyk	
Synthesis of 3S- Substituted Triazino[5,6-b]indoles and 4-Thiazolidinone-triazino[5,6-b]indole Hybrids with Antitumor Activity	381
Lesya Lozynska and Oleksandr Tymoshuk	
Specrophotometric Investigation of Palladium(II) Ions Interaction with 5-Hydroxyimino-4-imino-1,3-thiazolidin-2-one	391
Olena Klenina, Iryna Drapak, Taras Chaban, Volodymyr Ogurtsov, Igor Chaban and Iryna Golos	371
QSAR Studies of Some Thiazolo[4,5-b]pyridines as Novel Antioxidant Agents: Enhancement	
of Activity by Some Molecular Structure Parameters	397
Dong-Won Oh, Yong-Seop Park, Woo-Bung Lee, Mi-Sook Park, Kyoung-Haw Jung and Jae-Kyeung Park	
Synthesis and Characterization of Fluorene-Imidazole Copolymers	405
Bogdana Bashta, Piotr Bruzdziak, Olena Astakhova, Olena Shyshchak and Michael Bratychak	
Synthesis and Properties of Carboxy- Containing Peroxy Oligomer	413
Irina Savchenko, Aleksandra Berezhnytska, Yaroslav Fedorov, Nataliya Rusakova,	
Vladimir Syromyatnikov and Sergey Smola	
Structural Organization of Polymer Metal Complexes with Water or Phenanthroline	423
and their Influence on Luminescence Properties Galyna Grabchuk, Nadiya Derevyanko and Alexander Ishchenko	423
Features of Methylmethacrylate Thermopolymerization in the Presence of Intraionic Dyes Mykhaylo Bratychak and Natalia Chopyk	429
Synthesis and Application of Epoxy-Oligoesteric Mixtures of ED-20 Epoxy Resin Peroxide	
Derivative During Crosslinking	435
Mykhaylo Yatsyshyn, Oleksandr Reshetnyak, Nataliya Dumanchuk, Yuriy Kulyk,	
Nataliya Fartushok and Yuriy Stadnyk	
Hybrid Mineral-Polymeric Composite Materials on the Basis of the Polyaniline and Glauconite-Silica	441
Chemical Technology	
Oleksandr Kashcheyev, Irene Glikina and Marat Glikin	
Behavior of Y Type Zeolite Catalyst under Aerosol Nanocatalysis Conditions	445
Fernanda Dias, Roberta de Souza and Elizabete Lucas	
Starch Fatty Esters for Potential Use in Petroleum Industry	451
Irina Belostotskaja, Elena Burlakova, Vyacheslav Misin, Grigory Nikiforov, Natalia Khrapova and Valentina Shtol'ko	
Dependence of Phenol Toxicity on Kind and Position of Substitutes	457
Iryna Barna, Yaroslav Gumnytskyi and Volodymyr Atamanyuk	141
Intradiffusion Mass Transfer during Drying of Slag Gravel Raw Granule	461
Mykhailo Nykypanchuk, Yurii Hrynchuk and Mykola Olchovyk Effect of Modified Bitumen on Physico - Mechanical Properties of Asphalt Concrete	467
Myroslava Polutrenko and Andriy Pilyashenko-Novokhatnyi	407
Effect of Nitrogenated Corrosion Inhibitors on the Growth and Ferment Activity of Sulfur Cycle Bacteria	471
Georgii Vasyliev, Alina Brovchenko and Yuriy Herasymenko	.,.
Comparative Assessment of Corrosion Behaviour of Mild Steels 3, 20 and 08KP in Tap Water	477
History	
Gleb Baryshnikov and Valentina Minaeva	
Professor Boris Minaev. 70 - Years Jubilee and 50 Years in Science	I
Events	
Witold Brostow	-
POLYCHAR 21 World Forum on Advanced Materials	III
Gleb Baryshnikov and Valentina Minaeva International Symposium "Spin Chemistry and Beyond" Dedicated to Professor Boris Minaev's 70 th Birthday	VI