

## CONTENTS

Various methods to describe the morphological and textural characteristics of various materials <i>Gun'ko V.M.</i> .....	317
Influence of solid and liquid hydrophobic compounds on characteristics of water located in an adsorption layer of a hydrophilic component of the system <i>Turov V.V., Gun'ko V.M., Krupskaya T.V., Kartel M.T.</i> .....	341
Synthesis and properties of magnetically sensitive nanocomposites based on magnetite and gemcitabine <i>Petranovska A.L., Abramov M.V., Opanashchuk N.M., Turanska S.P., Kussyak N.V., Gorbyk P.P.</i> .....	353
Electrophysical properties of carbon nanotubes/NiCo composites <i>Lisova O.M., Makhno S.M., Gunya G.M., Gorbyk P.P.</i> .....	362
Gas-phase deposition of cavitation-resistant coatings based on boron carbide <i>Zhuravlov A.Yu., Shijan A.V., Shirokov B.M.</i> .....	368
Physicochemical aspects of therapeutic effect of enterosorbents (theoretical research) <i>Gerashchenko I.I.</i> .....	373
Study of the physical-chemical and sorption properties of SnO <sub>2</sub> prepared by mechanochemical and microwave routes <i>Samsonenko M.M., Zakutevskyy O.I., Khalameida S.V., Skubiszewska-Zieba J., Kovtun M.F.</i> .....	383
Synthesis of multilayer azagraphene and carbon nitride oxide <i>Bondarenko M.E., Silenko P.M., Gubareni N.I., Khyzhun O.Yu., Ostapovskaya N.Yu., Solonin Yu.M.</i> .....	393
Luminescent materials based on organic salts pyrolyzed at the silica surface <i>Kuzema P.O., Bolbukh Yu.M., Tertykh V.A.</i> .....	404
Laser desorption/ionization mass spectrometry (LDI MS) of terbium(III) coordination compound with new bis-chelating carbacylamidophosphate (CAPH) ligand <i>Olyshevets I.P., Severinovskaya O.V., Ovchynnikov V.A., Amirkhanov V.M.</i> .....	411
Composite on the basis of hydrated zirconium dioxide and graphene oxide for removal of organic and inorganic components from water <i>Dzyazko Yu.S., Ogenko V.M., Volfkovich Yu.M., Sosenkin V.E., Maltseva T.V., Yatsenko T.V., Kudelko K.O.</i> .....	417
Investigation and selection of initial materials as possible sources for obtaining sorbents <i>Tagaev I.A., Tursunova S.U., Andriyko L.S.</i> .....	432
Electrophysical properties of composites based on the epoxy resin and expanded graphite <i>Sirenko O.G., Makhno S.M., Lisova O.M., Gunya G.M., Gorbyk P.P.</i> .....	442
Author Index.....	447