
CONTENTS

Kaykan L.S., Gasyuk I.M., Ugorchuk V.V., Kaykan J.S., Sichka M.Y. <i>Electric Properties of Mg-substituted Lithium Iron Spinel</i>	9-15
Ostafiychuk B.K., Budzulyak I.M., Rachiy B.I., Shyiko L.O., Lisovsky R.P., Ivanichok N.Ya., Vashchynsky V.M. <i>The Impact of the Surface Morphology on Energy Characteristics of Nanoporous Carbon Material</i>	17
Kotsyubynsky V.O., Myronyuk I.F., Chelyadyn V.L., Moklyak V.V. <i>Rutile Nanorods: Synthesis, Structure and Electrochemical Properties</i>	27
Kotsyubynsky V.O., Moklyak V.V., Hrubciak A.B. <i>Synthesis and Properties of Superparamagnetic $\gamma - Fe_2O_3$</i>	33
Ostafiychuk B.K., Budzulyak I.M., Ivanichok N.Ya., Rachiy B.I., Lisovsky R.P. <i>The Effect of Thermal Modification on the Development of Carbon Material Microporous Structure</i>	41
Freik D.M., Turovska L.V. <i>Crystal-Quasichemical Analysis of Defect Subsystem of Doped PbTe: Sb Crystals and Pb-Sb-Te Solid Solutions</i>	55
Freik D.M., Yurchyshyn I.K., Potyak V.Yu. <i>Quantum-Dimensional Effects in Thermoelectric Characteristics of Lead Chalcogenides Nanostructures</i>	65
Gasyuk I.M., Ugorchuk V.V., Kaykan L.S., Deputat B.J. <i>Temperature Frequency Characteristics of Charge Transition in the $Li_{0.5}Fe_{2.4}Ti_{0.1}O_4$ Non-stoichiometric System</i>	73
Kotsyubynsky V.O., Moklyak V.V., Ostafiychuk B.K. <i>Mossbauer Study of Yttrium Iron Garnet Epitaxial Films Magnetic Microstructure</i>	81