

V.A. Gasymov, G.F Hasanov

CONTENTS 2020 no.3 (18)	
Ni-FOAM MODIFIED BY "DIP AND DRYING" METHOD - EFFECT OF TRANSITION METAL SALTS ON THE ELECTROCHEMICAL PROPERTIES E. Petkucheva, E. Lefterova, E. Slavcheva	289
SOLID OXIDE FUEL CELL STACK SIMULATION USING EFFECTIVE MEDIUM APPROXIMATION A.U. Sharafutdinov, Yu.S. Fedotov, S.I. Bredikhin	298
THERMODYNAMİC PROPERTİES OF THE Bi <sub>2</sub> Te <sub>3</sub> AND Bi <sub>4</sub> Te <sub>5</sub> COMPOUNDS G.S. Hasanova, G.B. Dashdiyeva, Y.A. Yusibov, M.B.Babanly	315
SYNTHESIS AND INDUSTRIAL APPLICATION OF PROTECTIVE LAYER CATALYSTS BASED ON KAOLIN FOR HYDROCLEAN INSTALLATIONS M.P. Yunusov, Sh.B. Djalalova, Kh.A. Nasullaev, Z.A. Teshabaev, Sh.T. Gulomov, B.B. Rakhimjanov	325
PHYSICOMECHANICAL PROPERTIES OF HIGH AND LOW DENSITY POLYETHYLENE MIXTURES AND MODIFIED COMPOSITIONS ON THEIR BASIS F.A. Mustafayeva, N.T. Kakhramanov, I.A. Ismayilov, L.Kh. Khamedova, G.S. Martynova	336
INVESTIAGTION OF CRYSTAL STRUCTURE AND ANALYTICAL OPPORTUNITIES OF 3 - (4'-FLUOROPHENYLIMINE) - 1 - PHENYLBUTANON – 1 A.V. Ayvazova, Kh.J. Nagiyev, R.A. Abdullayev, F.M. Chiragov	343
NANO-grade TITANIUM DIOXIDE ON the NANOCARBON CARRIER AS CATALYST IN AEROBIC OXIDATION OF ALKYL AROMATIC HYDROCARBONS	251
E.B. Zeynalov, E.R. Huseynov, N.I. Salmanova, N.A. Abdurahmanova  CONCENTRATION AND DETERMINATION OF VANADIUM (V) BY SORBENT  CONTAINING FRAGMENTS OF N, N' – DIPHENYL – GUANIDINE	351
F.N. Bahmanova, M.B. Hasanova, F.M. Chiraghov, C.I. Mirzai  ANALYSIS OF THE RESULTS OF EXPERIMENTAL SORBENT FOR CHLORIDE	361
COMPOUNDS REMOVAL M.P. Yunusov, Kh.A. Nasullaev, Sh.T. Gulomov, N.F. İsaeva, B.D. Mustafaev, B.B. Rakhimjanov, R.G. Khodjiev	366
CHEMICAL INTERACTION AND GLASS FORMATION IN THE As <sub>2</sub> S <sub>3</sub> -CuCr <sub>2</sub> Te <sub>4</sub> SYSTEM I.I. Aliev, M.G. Shakhbazov, S. Sh. Ismailova	376
SYNTHESIS AND X-RAY DIFFRACTION STUDY OF Pb <sub>4</sub> Yb <sub>2</sub> S <sub>7</sub> COMPOUND	

382

TECHNOLOGICAL FEATURES OF INJECTION MOULDING OF DYNAMICALLY VULCANIZED NANOCOMPOSITES BASED ON RANDOM POLYPROPYLENE, NITRIL BUTADIENE RUBBER AND BENTONITE	
A.J. Guliyev	388
THE INFLUENCE OF pH MEDIUM ON DECOMPOSITION OF ORGANIC DYE ORANGE II BY HYDROGEN PEROXIDE ON THE SURFACE OF MAGNETIC CATALYSTS	
E.M. Abdullayeva	396
CORROSION-ELECTROCHEMICAL BEHAVIOR OF POWDER STEEL 09G2S IN SULFURIC SOLUTIONS	
H.M. Tahirli, T.İ. Shirinov, A.T. Mammadov, M.Ch. Huseynov, D.H. Baxishova	403
PHASE COMPOSITION, MAGNETIC AND CATALYTIC PROPERTIES OF NANOSTRUCTURED NICKEL-CONTAINING NAX ZEOLITE IN THE REACTION OF OXIDATIVE CONVERSION OF PROPANOL-1	
A.D. Valiyeva, E.H. Ismailov, S.N. Osmanova, R.D. Qasimov, P.A. Nadirov, J.I. Mirzai	410