

CONTENTS**2022 no. 3 (20)**

IONIC LIQUID EXTRACTION CLEANING OF PETROLEUM FRACTIONS <i>H.D. Huseynov</i>	197
THEORETICAL ASPECTS OF PROCESSES OF METAL PARTICLES ADSORPTION INSIDE CHANNELS AND ON SURFACE OF CARBON SORBENTS <i>T. Marsagishvili, M. Machavariani</i>	213
SYNTHESIS OF SOME ETHERS OF DIETHYLDITHIOCARBAMIC ACID AND INVESTIGATION OF THEIR INFLUENCE ON ANTI-WEAR AND EXTREME PRESSURE PROPERTIES OF LUBRICATING OILS <i>A.Kh. Kerimov, Kh.A. Mamedova, E.S. Dzhafarova, I.A. Khudiyeva</i>	223
STUDY OF THE PROCESS OF OBTAINING ALTERNATIVE MOTOR FUELS USING VEGETABLE OILS <i>I.A. Khalafova, N.K. Andryushenko</i>	229
BIOSTABLE LUBRICANT COMPOSITION FOR MARINE, LOCOMOTIVE AND STATIONARY DIESELS <i>Y.B. Ramazanova</i>	242
EXPRESS ANALYSIS METHOD OF ALUNITE ORE <i>A.A. Ibrahimov, A.A. Heydarov, R.M. Vakilova, R.Y. Badalova</i>	249
INVESTIGATION OF THE ISOMERIZATION REACTION OF BUTENE-1 TO BUTENES-2 ON BINARY TUNGSTEN-CONTAINING CATALYSTS <i>K.X. Aghayeva, V.L. Baghiyev</i>	256
UNSYMMETRICAL DISULPHIDES AS ADDITIVES TO TRANSMISSION OILS <i>N.N. Novotorzhina, A.R. Sujayev, G.A. Gahramanova, M.R. Safarova, I.P. Ismailov, M.A. Musayeva, Y.S. Mustafayeva</i>	264
PREPARATION OF HYDROXYAMINO DERIVATIVES OF POLYCYCLIC BRIDGING HYDROCARBONS AND THEIR ANTIMICROBIAL PROPERTIES <i>M.B. Alaskarova</i>	271
PARAMAGNETIC CENTERS IN GAMMA IRRADIATED $(\text{RaO})_x(\text{SiO}_2)_y$ SAMPLES WITH ADSORBED WATER <i>Z.A. Mansimov</i>	277