

CONTENTS

<i>Akmalaiuly K., Fayzullayev N.</i> Heterogeneous-catalytic synthesis of vinyl chloride and chloroprene from acetylene.....	6
<i>Baizhumanova T.S., Zhang X., Murzin D.Y., Tungatarova S.A.</i> Catalytic conversion of biogas into synthesis gas on Ni, Co and Ni-Co catalysts.....	14
<i>Bayeshov A., Gaipov T.E., Bayeshova A.K.</i> Formation of nano- and ultrafine palladium powders in the presence of «RED-OX» system «Titanium (III) - Titanium (IV)».....	21
<i>Bisenov K.A., Narmanova R.A., Appazov N.O.</i> Physical and chemical studies of the oil sludge hydrocarbon composition and the prospects for their use in the technology of expanded clay production.....	28
<i>Bishimbayeva G.K., Zhumabayeva D.S., Zhanabayeva A.K., Nalibayeva A.M., Abdikalykov E.N., Bakenov Zh.B.</i> Prospects for creating a full cycle of lithium production in Kazakhstan - from ore processing to lithium batteries.....	38
<i>Danylkovych A.H., Khliebnikova N.B.</i> Formation of hydrophobized nutria velour	46
<i>Tuktin B.T., Shapovalova L.B., Yeleussin K.O., Abilmagzhanov A.Z., Kubasheva A.Zh.</i> Hydroprocessing of petroleum fractions over modified aluminium oxide catalysts.....	55
<i>Jexenov M. K., Ismagilov F. R., Akhmetov S. M., Diarov M., Bektay Y. K.</i> Utilization of hydrogen sulfide-containing refinery flare gases	64
<i>Yermekov M.T., Rozhkova O.V., Tolysbayev Ye.T., Zhakipbekov Zh. N., Merkureva S.N., Schefer V.I., Ivanovich V.V.</i> Problems and solutions of the silt sludge utilization issues at waste treatment facilities of Nur-Sultan city.....	71
<i>Zolotarev N.A., Fedotova O.B., Agarkova E.Yu., Akhremko A.G., Sokolova O.V.</i> Directional proteolysis of secondary raw materials.....	77
<i>Ibrayev M.K., Takibayeva A.T., Fazylov S.D., Rakhimberlinova Zh.B., Issabayeva M.B., Kelmyalene A.A.</i> Some directions in the modification of azoles.....	85
<i>Nasirov R.N., Kusanova B.K., Kalauova A.S., Satenov K.G.</i> Binding d-element of the 4-th period of V-group of the periodic system of D.I. Mendeleev and its paramagnetic properties.....	92
<i>Tuktin B.T., Shapovalova L.B., Tenizbayeva A.A., Abilmagzhanov A.Z., Egizbaeva R.I.</i> Hydrotreating and hydroisomerization of oil fractions on modified aluminum-cobalt-molybdenum catalysts.....	99
<i>Shokhakimova A.A., Turabdzhanov S. M., Kedelbaev B. Sh., Lieberzeit Peter, Turaeva D.Sh., Ponamaryova T.V., Rakhimova L.S.</i> Syntheses of cation exchanger with macroporosity and investigating specific properties	108
<i>Surimbayev B.N., Kanaly Ye.S., Bolotova L.S., Shalgymbayev S.T.</i> Behaviour of sulfur, arsenic and organic carbon in a gravity concentration of gold from refractory ore.....	116
<i>Yermagambet B.T., Kazankapova M.K., Kassenova Zh.M., Nauryzbayeva A.T.</i> Synthesis of carbon nanotubes by the electric arc-discharge method.....	126
<i>Tanirbergenova S.K., Tugelbaeva D.A., Erezhep Nurzay, Zhylybaeva N.K., Dinistanova B.K.</i> Optimization of technological parameters of hydrageneration process of acetylene using a pilot catalytic plant.....	134
<i>Narmanova R.A., Bishimbayev V.K., Tapalova A.S., Appazov N.O.</i> Polymer additive effect on the structural and mechanical properties of the organic part of oil bituminous rock.....	141
<i>Нарманова Р.А., Бишимбаев В.К., Тапалова А.С., Анпазов Н.О.</i>	