Vladimir I Erofeev

List of Publications by Year in Descending Order

36 papers	133 citations	6 h-index	10 g-index
42 ext. papers	151 ext. citations	1.6 avg, IF	2.38 L-index

#	Paper	IF	Citations
36	Conversion of the Propane-Butane Fraction into Arenes on MFI Zeolites Modified by Zinc Oxide and Activated by Low-Temperature Plasma. *Molecules*, **2020**, 25,	4.8	2
35	Acidic and Catalytic Properties of Zeolites Modified by Zinc in the Conversion Process of Lower C3–C4 Alkanes. *Catalysts*, **2019**, 9, 421	4	4
34	*Bulletin of the Tomsk Polytechnic University, Geo Assets Engineering*, **2019**, 330, 147-157	1.3	2
33	Influence of sulphide Cu (I) promoting additives concentration on acid and catalytic properties of high-silica zeolites in straight-run gasoline conversion. *IOP Conference Series: Earth and Environmental Science*, **2016**, 43, 012060	0.3	
32	Self-modulation of shear waves of deformation propagating in a one-dimensional granular medium with internal stresses. *Mathematics and Mechanics of Solids*, **2016**, 21, 60-72	2.3	3
31	Frequency-Dependent Attenuation and Phase Velocity Dispersion of an Acoustic Wave Propagating in the Media with Damages. *Advanced Structured Materials*, **2016**, 413-423	0.6	11
30	Inelastic Interaction and Splitting of Strain Solitons Propagating in a One-Dimensional Granular Medium with Internal Stress. *Advanced Structured Materials*, **2016**, 145-162	0.6	1
29	Nonlinear interaction of elastic waves in solid porous material under the condition of phase-group synchronism. *Journal of Vibroengineering*, **2016**, 18, 2926-2935	0.5	
28	Production of high-octane gasoline from straight-run gasoline on ZSM-5 modified zeolites. *Theoretical Foundations of Chemical Engineering*, **2014**, 48, 71-76	0.9	20
27	Conversion of straight-run gas-condensate benzenes into high- octane gasolines based on modified ZSM-5 zeolites. *IOP Conference Series: Earth and Environmental Science*, **2014**, 21, 012029	0.3	
26	Conversion of gas-condensate straight-run gasolines to high-octane gasolines over zeolite catalysts modified with metal nanopowders. *Russian Journal of Applied Chemistry*, **2013**, 86, 979-985	0.8	7
25	Effect of UV activation on acid and catalytic properties of zeolite-containing catalysts in conversion of gas-condensate straight-run gasolines to high-octane gasolines. *Russian Journal of Applied Chemistry*, **2011**, 84, 1760-1766	0.8	3
24	Nonlinear Waves in the Cosserat Continuum with Constrained Rotation. *Advanced Structured Materials*, **2011**, 221-230	0.6	2
23	Nonlinear Magnetoelastic Waves in a Plate. *Advanced Structured Materials*, **2011**, 125-134	0.6	2
22	Conversion of bioethanol over zeolites. *Chemical Engineering Journal*, **2009**, 154, 396-400	14.7	28
21	Synthesis of motor fuels from bioethanol. *Chemistry and Technology of Fuels and Oils*, **2008**, 44, 409-414	0.4	4
20	Catalytic activity of Ga-containing zeolite catalysts in the coupled reforming of methanol and C3-C4 alkanes. *Theoretical Foundations of Chemical Engineering*, **2008**, 42, 550-555	0.9	1

19	Influence of silicate ratio and high-temperature steam treatment of pentasil on its acid and catalytic properties in conjugate conversion of lower alkanes and methanol. *Russian Journal of Applied Chemistry*, **2004**, 77, 1973-1978	0.8	
18	Effect of High-Temperature Steam Treatment of High-Silica Zeolites of the ZSM-5 Type on Their Acidity and Selectivity of Formation of Lower Olefins from Straight-Run Naphthas. *Russian Journal of Applied Chemistry*, **2003**, 76, 95-98	0.8	2
17	Transformations of Straight-Run Naphthas on Indium-Modified Pentasils. *Russian Journal of Applied Chemistry*, **2003**, 76, 1083-1088	0.8	2
16	Influence of Modification of Pentasils with Alkaline-Earth Metals on Their Acid and Catalytic Properties in Conjugate Conversion of Methanol and Propane-Butane Fraction. *Russian Journal of Applied Chemistry*, **2002**, 75, 752-754	0.8	6
15	Conjugate Conversion of a Broad Fraction of Light Hydrocarbons and Methanol on Zeolite-Containing Catalysts. *Russian Journal of Applied Chemistry*, **2002**, 75, 1646-1649	0.8	1
14	Specific Features of Conjugate Conversion of Methanol and Propane-Butane Fraction on Pentasil. *Russian Journal of Applied Chemistry*, **2002**, 75, 1979-1983	0.8	2
13	Effect of High-Temperature Treatment of Pentasils on Their Acid and Catalytic Properties in Conversion of Straight-Run Naphthas. *Russian Journal of Applied Chemistry*, **2001**, 74, 1846-1849	0.8	1
12	Pyrolysis of Straight-Run Naphtha on ZSM-5 Zeolites Modified with Alkaline-Earth Metal Cations. *Russian Journal of Applied Chemistry*, **2001**, 74, 235-237	0.8	6
11	Activity of Polymeric and Zeolite-Containing Catalysts in Production of Methyl tert-Butyl Ether. *Russian Journal of Applied Chemistry*, **2001**, 74, 71-73	0.8	
10	Properties of lithium tetraalkylborate complexes in adsorption and desorption of oxygen. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 209-211		
9	Carbonization of high-silica zeolites during the conversion of methanol to hydrocarbons. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 1785-1789		1
8	Reduction kinetics of NiO-MoO3 catalysts. *Reaction Kinetics and Catalysis Letters*, **1985**, 28, 47-52		8
7	Adsorption and catalytic properties of Co$z.sbnd;Mo$z.sbnd;Al2O3 catalysts and of their components in thiophene hydrodesulfurization reaction. *Journal of Catalysis*, **1984**, 86, 55-66	7.3	11
6	Reduction kinetics of Mo/Al2O3 catalysts. *Reaction Kinetics and Catalysis Letters*, **1982**, 21, 299-304		2
5	Kinetics of CoMo/Al2O3 catalyst reduction. *Reaction Kinetics and Catalysis Letters*, **1982**, 21, 309-314		
4	A thermodesorption study of the chemisorption of thiophene on sulfided cobalt-molybdenum and industrial aluminum-cobalt-molybdenum catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 354-356		
3	Investigation of the chemisorption of hydrogen on sulfided cobalt-molybdenum and commercial aluminum-cobalt-molybdenum catalysts by a thermodesorption method. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 520-523		
2	Gas-chromatographic determination of adsorption heats of thiophene on aluminum-cobalt-molybdenum oxide and sulfided catalysts and their components. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 1300-1302		1

1 Unsaturated aldehydes in the thermolysis of sodium trichloroacetate. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 2462-2464