

# Vladimir I Erofeev

## List of Publications by Year in descending order

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41  
papers

166  
citations

1307366

7  
h-index

1199470

12  
g-index

42  
all docs

42  
docs citations

42  
times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion of bioethanol over zeolites. <i>Chemical Engineering Journal</i> , 2009, 154, 396-400.	6.6	33
2	Production of high-octane gasoline from straight-run gasoline on ZSM-5 modified zeolites. <i>Theoretical Foundations of Chemical Engineering</i> , 2014, 48, 71-76.	0.2	22
3	Adsorption and catalytic properties of Co $\gamma$ -zeolite; Mo $\gamma$ -zeolite; Al <sub>2</sub> O <sub>3</sub> catalysts and of their components in thiophene hydrodesulfurization reaction. <i>Journal of Catalysis</i> , 1984, 86, 55-66.	3.1	17
4	Frequency-Dependent Attenuation and Phase Velocity Dispersion of an Acoustic Wave Propagating in the Media with Damages. <i>Advanced Structured Materials</i> , 2016, , 413-423.	0.3	11
5	Reduction kinetics of NiO-MoO <sub>3</sub> catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1985, 28, 47-52.	0.6	9
6	Conversion of gas-condensate straight-run gasolines to high-octane gasolines over zeolite catalysts modified with metal nanopowders. <i>Russian Journal of Applied Chemistry</i> , 2013, 86, 979-985.	0.1	9
7	Acidic and Catalytic Properties of Zeolites Modified by Zinc in the Conversion Process of Lower C <sub>3</sub> -C <sub>4</sub> Alkanes. <i>Catalysts</i> , 2019, 9, 421.	1.6	8
8	Pyrolysis of Straight-Run Naphtha on ZSM-5 Zeolites Modified with Alkaline-Earth Metal Cations. <i>Russian Journal of Applied Chemistry</i> , 2001, 74, 235-237.	0.1	6
9	Title is missing!. <i>Russian Journal of Applied Chemistry</i> , 2002, 75, 752-754.	0.1	6
10	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. <i>Russian Journal of Applied Chemistry</i> , 2011, 84, 1760-1766.	0.1	6
11	Catalytic activity of Ga-containing zeolite catalysts in the coupled reforming of methanol and C <sub>3</sub> -C <sub>4</sub> alkanes. <i>Theoretical Foundations of Chemical Engineering</i> , 2008, 42, 550-555.	0.2	5
12	Synthesis of motor fuels from bioethanol. <i>Chemistry and Technology of Fuels and Oils</i> , 2008, 44, 409-414.	0.2	4
13	Conversion of the Propane-Butane Fraction into Arenes on MFI Zeolites Modified by Zinc Oxide and Activated by Low-Temperature Plasma. <i>Molecules</i> , 2020, 25, 2704.	1.7	4
14	Title is missing!. <i>Russian Journal of Applied Chemistry</i> , 2003, 76, 95-98.	0.1	3
15	Transformations of Straight-Run Naphthas on Indium-Modified Pentasils. <i>Russian Journal of Applied Chemistry</i> , 2003, 76, 1083-1088.	0.1	3
16	Self-modulation of shear waves of deformation propagating in a one-dimensional granular medium with internal stresses. <i>Mathematics and Mechanics of Solids</i> , 2016, 21, 60-72.	1.5	3
17	Nonlinear Magnetoelastic Waves in a Plate. <i>Advanced Structured Materials</i> , 2011, , 125-134.	0.3	3
18	Reduction kinetics of Mo/Al <sub>2</sub> O <sub>3</sub> catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1982, 21, 299-304.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Specific Features of Conjugate Conversion of Methanol and Propane-Butane Fraction on Pentasil. Russian Journal of Applied Chemistry, 2002, 75, 1979-1983.	0.1	2
20	Inelastic Interaction and Splitting of Strain Solitons Propagating in a One-Dimensional Granular Medium with Internal Stress. Advanced Structured Materials, 2016, , 145-162.	0.3	2
21	Гидрирование алкинов на катализаторах на основе оксидов металлов. Доклады Академии наук СССР, 1977, 26, 1300-1302.	0.0	1
22	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.	0.0	1
23	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.	0.0	1
24	Title is missing!. Russian Journal of Applied Chemistry, 2001, 74, 1846-1849.	0.1	1
25	Title is missing!. Russian Journal of Applied Chemistry, 2002, 75, 1646-1649.	0.1	1
26	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.	0.0	0
27	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.	0.0	0
28	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.	0.0	0
29	Kinetics of Co <sup>2+</sup> /Mo/Al <sub>2</sub> O <sub>3</sub> catalyst reduction. Reaction Kinetics and Catalysis Letters, 1982, 21, 309-314.	0.6	0
30	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.	0.0	0
31	Investigation of the catalytic hydrodeparaffinization of diesel fractions of vacuum gas oil on zeolite catalysts. Petroleum Chemistry: USSR (English Translation of Neftekhimiya), 1990, 30, 251-254.	0.0	0
32	Activity of Polymeric and Zeolite-Containing Catalysts in Production of Methyl tert-Butyl Ether. Russian Journal of Applied Chemistry, 2001, 74, 71-73.	0.1	0
33	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.	0.1	0
34	Processing high-octane gasoline from gas condensate on zeolite-containing catalysts base. , 2012, , .		0
35	Refining of associated petroleum gases C <sub>3</sub> and C <sub>4</sub> into liquid hydrocarbons on zeolite-containing catalyst base. , 2012, , .		0
36	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.	0.2	0

#	ARTICLE	IF	CITATIONS
37	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.	0.2	0
38	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	0
39	Влияние концентрации добавок сульфидов меди (I) на кислотные и каталитические свойства высококремнистых цеолитов при прямой конверсии бензина. Доклады Академии наук Республики Башкортостан, 2016, 43, 12060.		
40	Взаимодействие упругих волн в твердом пористом материале в условиях синхронизации фазовых групп. Журнал виброинженерии, 2016, 18, 2926-2935.		
41	Conversion of propane-butane fraction into arenes on MFI zeolites activated by diffuse discharge plasma. , 2019, , .		0