

Vladimir I Erofeev

List of Publications by Citations

Source: <https://exaly.com/author-pdf/73705/vladimir-i-erofeev-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 bioethanol over zeolites. <i>Chemical Engineering Journal</i> , 2009 , 154, 396-400	14.7	28
35	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	0.9	20
34	Adsorption and catalytic properties of Co γ -zeolite; Mo γ -zeolite; Al ₂ O ₃ catalysts and of their components in thiophene hydrodesulfurization reaction. <i>Journal of Catalysis</i> , 1984 , 86, 55-66	7.3	11
33	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	0.6	11
32	Reduction kinetics of NiO-MoO ₃ catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1985 , 28, 47-52		8
31	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	0.8	7
30	Influence of Modification of Pentasils with Alkaline-Earth Metals on Their Acid and Catalytic Properties in Conjugate Conversion of Methanol and Propane-Butane Fraction. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 752-754	0.8	6
29	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	0.8	6
28	Acidic and Catalytic Properties of Zeolites Modified by Zinc in the Conversion Process of Lower C ₃ -C ₄ Alkanes. <i>Catalysts</i> , 2019 , 9, 421	4	4
27	Synthesis of motor fuels from bioethanol. <i>Chemistry and Technology of Fuels and Oils</i> , 2008 , 44, 409-414	0.4	4
26	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	2.3	3
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. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 1760-1766	0.8	3
24	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,	4.8	2
23	Specific Features of Conjugate Conversion of Methanol and Propane-Butane Fraction on Pentasil. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 1979-1983	0.8	2
22	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. <i>Russian Journal of Applied Chemistry</i> , 2003 , 76, 95-98	0.8	2
21	Transformations of Straight-Run Naphthas on Indium-Modified Pentasils. <i>Russian Journal of Applied Chemistry</i> , 2003 , 76, 1083-1088	0.8	2
20	Reduction kinetics of Mo/Al ₂ O ₃ catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1982 , 21, 299-304		2

19	 <i>Bulletin of the Tomsk Polytechnic University, Geo Assets Engineering</i> , 2019 , 330, 147-157	1.3	2
18	Nonlinear Waves in the Cosserat Continuum with Constrained Rotation. <i>Advanced Structured Materials</i> , 2011 , 221-230	0.6	2
17	Nonlinear Magnetoelastic Waves in a Plate. <i>Advanced Structured Materials</i> , 2011 , 125-134	0.6	2
16	Catalytic activity of Ga-containing zeolite catalysts in the coupled reforming of methanol and C3-C4 alkanes. <i>Theoretical Foundations of Chemical Engineering</i> , 2008 , 42, 550-555	0.9	1
15	Conjugate Conversion of a Broad Fraction of Light Hydrocarbons and Methanol on Zeolite-Containing Catalysts. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 1646-1649	0.8	1
14	Effect of High-Temperature Treatment of Pentasils on Their Acid and Catalytic Properties in Conversion of Straight-Run Naphthas. <i>Russian Journal of Applied Chemistry</i> , 2001 , 74, 1846-1849	0.8	1
13	Carbonization of high-silica zeolites during the conversion of methanol to hydrocarbons. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1986 , 35, 1785-1789		1
12	Gas-chromatographic determination of adsorption heats of thiophene on aluminum-cobalt-molybdenum oxide and sulfided catalysts and their components. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1977 , 26, 1300-1302		1
11	Inelastic Interaction and Splitting of Strain Solitons Propagating in a One-Dimensional Granular Medium with Internal Stress. <i>Advanced Structured Materials</i> , 2016 , 145-162	0.6	1
10	Influence of sulphide Cu (I) promoting additives concentration on acid and catalytic properties of high-silica zeolites in straight-run gasoline conversion. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016 , 43, 012060	0.3	
9	Conversion of straight-run gas-condensate benzenes into high- octane gasolines based on modified ZSM-5 zeolites. <i>IOP Conference Series: Earth and Environmental Science</i> , 2014 , 21, 012029	0.3	
8	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. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 1973-1978	0.8	
7	Activity of Polymeric and Zeolite-Containing Catalysts in Production of Methyl tert-Butyl Ether. <i>Russian Journal of Applied Chemistry</i> , 2001 , 74, 71-73	0.8	
6	Properties of lithium tetraalkylborate complexes in adsorption and desorption of oxygen. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1989 , 38, 209-211		
5	Investigation of the chemisorption of hydrogen on sulfided cobalt-molybdenum and commercial aluminum-cobalt-molybdenum catalysts by a thermodesorption method. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1980 , 29, 520-523		
4	A thermodesorption study of the chemisorption of thiophene on sulfided cobalt-molybdenum and industrial aluminum-cobalt-molybdenum catalysts. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1981 , 30, 354-356		
3	Kinetics of CoMo/Al ₂ O ₃ catalyst reduction. <i>Reaction Kinetics and Catalysis Letters</i> , 1982 , 21, 309-314		
2	Unsaturated aldehydes in the thermolysis of sodium trichloroacetate. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1975 , 24, 2462-2464		

- 1 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