

Vladimir Danilevich

List of Publications by Year in descending order

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25
papers

369
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759233

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25
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of lanthanum-modified pseudoboehmite - The precursor of alumina supports and catalysts. <i>Microporous and Mesoporous Materials</i> , 2022, 335, 111800.	4.4	5
2	Modification of HDT catalysts of FCC feedstock by adding silica to the kneading paste of alumina support: Advantages and disadvantages. <i>Fuel</i> , 2022, 324, 124555.	6.4	9
3	Silicon doping effect on the properties of the hydrotreating catalysts of FCC feedstock pretreatment. <i>Applied Catalysis B: Environmental</i> , 2021, 280, 119415.	20.2	22
4	The process for preparation of active aluminum hydroxyoxide via flash calcination of gibbsite in a new energy-efficient centrifugal drum-type reactor. <i>Cleaner Engineering and Technology</i> , 2021, 3, 100118.	4.0	9
5	Influence of the order of the catalysts in the stacked bed of VGO hydrotreating catalysts. <i>Fuel</i> , 2021, 306, 121672.	6.4	5
6	Comparison of alumina supports and catalytic activity of CoMoP/ γ -Al ₂ O ₃ hydrotreating catalysts obtained using flash calcination of gibbsite and precipitation method. <i>Catalysis Today</i> , 2020, 353, 88-98.	4.4	12
7	Influence of alumina precursor on silicon capacity of NiMo/ γ -Al ₂ O ₃ guard bed catalysts for gas oil hydrotreating. <i>Catalysis Today</i> , 2020, 353, 53-62.	4.4	12
8	Ethanol-to-ethylene dehydration on acid-modified ring-shaped alumina catalyst in a tubular reactor. <i>Chemical Engineering Journal</i> , 2019, 374, 605-618.	12.7	20
9	Optimizing the Properties of an Alumina Support of Hydrotreating Catalysts by Introducing Boron and Sulfur at the Stage of Obtaining Pseudoboehmite by Hydrothermal Treatment of the Product Produced by Flash Calcination of Gibbsite. <i>Catalysis in Industry</i> , 2019, 11, 301-312.	0.7	11
10	Guard bed catalysts for silicon removal during hydrotreating of middle distillates. <i>Catalysis Today</i> , 2019, 329, 53-62.	4.4	24
11	Effect of Method of Boron Introduction into NiMo/Al ₂ O ₃ Protective-Layer Catalysts on the Removal of Silicon from Diesel Fractions. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 2022-2029.	0.5	4
12	Novel eco-friendly method for preparation of mesoporous alumina from the product of rapid thermal treatment of gibbsite. <i>Superlattices and Microstructures</i> , 2018, 120, 148-160.	3.1	30
13	Dynamic capacity of desiccants based on modified alumina at elevated pressures. <i>Catalysis in Industry</i> , 2017, 9, 91-98.	0.7	5
14	Enhancement of the Sorption Ability of Aluminum Oxide Desiccants by Alkaline Modification. <i>Russian Journal of Applied Chemistry</i> , 2017, 90, 1810-1818.	0.5	8
15	Study of acid-modified aluminum oxides produced by centrifugal thermal activation in dehydration of ethanol. <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 683-689.	0.5	14
16	Characteristics optimization of activated alumina desiccants based on product of a centrifugal thermal activation of gibbsite. <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 343-353.	0.5	17
17	A Centrifugal Drum-type Reactor for Fast Thermal Treatment of Hydrargillite. <i>Kataliz V Promyshlennosti</i> , 2016, 16, 13-28.	0.3	6
18	Effect of modifying alumina desiccants with sulfuric acid on their physicochemical properties. <i>Kinetics and Catalysis</i> , 2014, 55, 372-379.	1.0	20

#	ARTICLE	IF	CITATIONS
19	Microspherical chromium oxide/alumina catalyst KDM for fluidized-bed isobutane dehydrogenation: Development and industrial application experience. <i>Catalysis in Industry</i> , 2012, 4, 298-307.	0.7	13
20	Influence of the temperature of calcination of bayerite-containing aluminum hydroxide pellets on the water vapor adsorption capacity and acid-base properties of alumina. <i>Kinetics and Catalysis</i> , 2012, 53, 570-576.	1.0	15
21	Highly effective water adsorbents based on aluminum oxide. <i>Kinetics and Catalysis</i> , 2012, 53, 632-639.	1.0	19
22	Physicochemical properties of TiO ₂ (anatase) prepared by the centrifugal thermal activation of hydrated titanium dioxide. <i>Kinetics and Catalysis</i> , 2010, 51, 444-448.	1.0	1
23	Effect of chromium content on the properties of a microspherical alumina-chromium catalyst for isobutane dehydrogenation prepared with the use of a centrifugal thermal activation product of gibbsite. <i>Kinetics and Catalysis</i> , 2010, 51, 898-906.	1.0	24
24	Synthesis of aluminum oxides from the products of the rapid thermal decomposition of hydrargillite in a centrifugal flash reactor: II. Physicochemical properties of the products obtained by the centrifugal thermal activation of hydrargillite. <i>Kinetics and Catalysis</i> , 2007, 48, 153-161.	1.0	30
25	TSEFLAR? ? the centrifugal flash reactor for rapid thermal treatment of powdered materials. <i>Chemical Engineering Journal</i> , 2005, 107, 157-161.	12.7	34