

Vadim Borisov

List of Publications by Year in descending order

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25
papers

184
citations

1040056

9
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1125743

13
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26
all docs

26
docs citations

26
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the metal-support interaction in the Ru/C catalysts under reductive conditions. <i>Surfaces and Interfaces</i> , 2018, 12, 95-101.	3.0	28
2	Carbon support hydrogenation in Pd/C catalysts during reductive thermal treatment. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 17656-17663.	7.1	19
3	Synthesis and study of Ru-Ba-Cs/Sibunit ternary catalysts for ammonia synthesis. <i>Russian Journal of Applied Chemistry</i> , 2017, 90, 887-894.	0.5	18
4	Carrying Agent Influence on the Ruthenium Catalyst Activity of the Ammonia Synthesis. <i>Procedia Engineering</i> , 2015, 113, 84-90.	1.2	12
5	Reaction of ammonium chloride with the copper(II) sulfide and oxide, and identification of the reaction products. <i>Russian Journal of General Chemistry</i> , 2011, 81, 1430-1433.	0.8	11
6	Carbon deposits on a resistive FeCrAl catalyst for the suboxidative pyrolysis of methane. <i>Kinetics and Catalysis</i> , 2014, 55, 319-326.	1.0	11
7	The Influence of the Specific Surface Area of the Carbon Support on the Activity of Ruthenium Catalysts for the Ammonia-Decomposition Reaction. <i>Kinetics and Catalysis</i> , 2018, 59, 136-142.	1.0	10
8	Effect of high-temperature treatment of on the activity of Ru-Cs(Ba)/Sibunit catalysts in ammonia synthesis and their resistance to methanation. <i>Diamond and Related Materials</i> , 2020, 108, 107986.	3.9	10
9	Research of titanomagnetite concentrate decomposition by means of ammonium fluoride and ammonium hydrogen fluoride. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	9
10	Catalytic Coatings for Improving the Environmental Safety of Internal Combustion Engines. <i>Procedia Engineering</i> , 2016, 152, 59-66.	1.2	8
11	Effect of the Modifier on the Catalytic Properties and Thermal Stability of Ru-Cs(Ba)/Sibunit Catalyst for Ammonia Decomposition. <i>Kinetics and Catalysis</i> , 2019, 60, 372-379.	1.0	8
12	Reaction of zinc oxide with ammonium chloride. <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 499-501.	1.3	7
13	Pyrolysis of methane on fechrAl resistive catalyst with additions of hydrogen or oxygen to the reaction mixture. <i>Catalysis in Industry</i> , 2015, 7, 171-174.	0.7	7
14	Mechanism of reaction between cobalt(II) oxide and ammonium chloride. <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 923-926.	1.3	5
15	Deep Oxidation of Methane on Palladic Catalysts on Suppliers ZrO ₂ , CeO ₂ , ZrO ₂ -CeO ₂ , CeO ₂ -CuO on Stainless Steel Prepared with the Method of Plasma Drawing. <i>Procedia Engineering</i> , 2015, 113, 124-130.	1.2	4
16	Comparison of the activity of Ru-K/Sibunit catalysts in ammonia synthesis and decomposition. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	4
17	Study of the interaction of lanthanum, neodymium and gadolinium oxides with ammonium fluoride. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	4
18	High-temperature modification of sibunit for its application as a support for ruthenium catalysts in ammonia synthesis. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3

#	ARTICLE	IF	CITATIONS
19	Plasma electrolytic oxide coatings on silumin for oxidation CO. AIP Conference Proceedings, 2017, , .	0.4	2
20	The recovery of rare earth concentrate from spent cracking catalyst. AIP Conference Proceedings, 2019, , .	0.4	2
21	A study on the interaction of manganese dioxide with ammonium chloride. AIP Conference Proceedings, 2019, , .	0.4	1
22	Deep oxidation of methane on Pd/Al ₂ O ₃ , Pd/Al ₂ O ₃ -CeO ₂ and Pd/Al ₂ O ₃ -MnO ₂ catalysts with metal alloy supports obtained by plasma deposition. AIP Conference Proceedings, 2018, , .	0.4	0
23	The increase of ecological safety of internal combustion engines by using catalytic additives to fuel. AIP Conference Proceedings, 2018, , .	0.4	0
24	Resistance for methanation and activity in ammonia decomposition catalysts Ru-Rb/Sibunit. AIP Conference Proceedings, 2019, , .	0.4	0
25	Rational methods for processing of chromia-alumina catalyst. AIP Conference Proceedings, 2019, , .	0.4	0