Vadim Borisov

List of Publications by Year
in descending order

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25	184	1040056 9	1125743 13
papers	citations	h-index	g-index

26	26	26	142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of high-temperature treatment of on the activity of Ru-Cs(Ba)/Sibunit catalysts in ammonia synthesis and their resistance to methanation. Diamond and Related Materials, 2020, 108, 107986.	3.9	10
2	Effect of the Modifier on the Catalytic Properties and Thermal Stability of Ruâ€“Cs(Ba)/Sibunit Catalyst for Ammonia Decomposition. Kinetics and Catalysis, 2019, 60, 372-379.	1.0	8
3	Resistance for methanation and activity in ammonia decomposition catalysts Ru-Rb/Sibunit. AIP Conference Proceedings, 2019, , .	0.4	0
4	High-temperature modification of sibunit for its application as a support for ruthenium catalysts in ammonia synthesis. AIP Conference Proceedings, 2019, , .	0.4	3
5	The recovery of rare earth concentrate from spent cracking catalyst. AIP Conference Proceedings, 2019, , .	0.4	2
6	Rational methods for processing of chromia-alumina catalyst. AIP Conference Proceedings, 2019, , .	0.4	0
7	Comparison of the activity of Ru-K/Sibunit catalysts in ammonia synthesis and decomposition. AIP Conference Proceedings, 2019, , .	0.4	4
8	Research of titanomagnetite concentrate decomposition by means of ammonium fluoride and ammonium hydrogen fluoride. AIP Conference Proceedings, 2019, , .	0.4	9
9	Study of the interaction of lanthanum, neodymium and gadolinium oxides with ammonium fluoride. AIP Conference Proceedings, 2019, , .	0.4	4
10	A study on the interaction of manganese dioxide with ammonium chloride. AIP Conference Proceedings, 2019, , .	0.4	1
11	The Influence of the Specific Surface Area of the Carbon Support on the Activity of Ruthenium Catalysts for the Ammonia-Decomposition Reaction. Kinetics and Catalysis, 2018, 59, 136-142.	1.0	10
12	Deep oxidation of methane on Pd/Al2O3, Pd/Al2O3-CeO2 and Pd/Al2O3-MnO2 catalysts with metal alloy supports obtained by plasma deposition. AIP Conference Proceedings, 2018, , .	0.4	0
13	Study on the metal-support interaction in the Ru/C catalysts under reductive conditions. Surfaces and Interfaces, 2018, 12, 95-101.	3.0	28
14	Carbon support hydrogenation in Pd/C catalysts during reductive thermal treatment. International Journal of Hydrogen Energy, 2018, 43, 17656-17663.	7.1	19
15	The increase of ecological safety of internal combustion engines by using catalytic additives to fuel. AIP Conference Proceedings, 2018, , .	0.4	0
16	Plasma electrolytic oxide coatings on silumin for oxidation CO. AIP Conference Proceedings, 2017, , .	0.4	2
17	Synthesis and study of Ruâ€“Baâ€“Cs/Sibunit ternary catalysts for ammonia synthesis. Russian Journal of Applied Chemistry, 2017, 90, 887-894.	0.5	18
18	Catalytic Coatings for Improving the Environmental Safety of Internal Combustion Engines. Procedia Engineering, 2016, 152, 59-66.	1.2	8

#	Article	IF	Citations
19	Deep Oxidation of Methane on Palladic Catalysts on Suppliers ZrO2, CeO2, ZrO2-CeO2, CeO2-CuO on Stainless Steel Prepared with the Method of Plasma Drawing. Procedia Engineering, 2015, 113, 124-130.	1.2	4
20	Pyrolysis of methane on fechral resistive catalyst with additions of hydrogen or oxygen to the reaction mixture. Catalysis in Industry, 2015, 7, 171-174.	0.7	7
21	Carrying Agent Influence on the Ruthenium Catalyst Activity of the Ammonia Synthesis. Procedia Engineering, 2015, 113, 84-90.	1.2	12
22	Carbon deposits on a resistive FeCrAl catalyst for the suboxidative pyrolysis of methane. Kinetics and Catalysis, 2014, 55, 319-326.	1.0	11
23	Mechanism of reaction between cobalt(II) oxide and ammonium chloride. Russian Journal of Inorganic Chemistry, 2012, 57, 923-926.	1.3	5
24	Reaction of zinc oxide with ammonium chloride. Russian Journal of Inorganic Chemistry, 2012, 57, 499-501.	1.3	7
25	Reaction of ammonium chloride with the copper(II) sulfide and oxide, and identification of the reaction products. Russian Journal of General Chemistry, 2011, 81, 1430-1433.	0.8	11