

# Kristina N Iost

## List of Publications by Year in descending order

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22  
papers

214  
citations

933447

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h-index

1058476

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g-index

23  
all docs

23  
docs citations

23  
times ranked

151  
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	Effect of Ag loading on the adsorption/desorption properties of ZSM-5 towards toluene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 119, 629-640.	1.7	23
3	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
4	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
5	Effect of the carbon support graphitization on the activity and thermal stability of Ru-Ba-Cs/C ammonia decomposition catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 127, 85-102.	1.7	16
6	Methanation of the carbon supports of ruthenium ammonia synthesis catalysts: A review. <i>Catalysis in Industry</i> , 2016, 8, 341-347.	0.7	15
7	Carrying Agent Influence on the Ruthenium Catalyst Activity of the Ammonia Synthesis. <i>Procedia Engineering</i> , 2015, 113, 84-90.	1.2	12
8	Enhanced Adsorption Properties of Ag-Loaded $\gamma$ -Zeolite towards Toluene. <i>Materials Science Forum</i> , 0, 917, 180-184.	0.3	11
9	Ammonia decomposition Ru catalysts supported on alumina nanofibers for hydrogen generation. <i>Materials Letters</i> , 2022, 306, 130842.	2.6	11
10	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
11	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
12	The effect of composition of the ruthenium precursors and heat treatment conditions on the activity of Ru-Ba/Sibunit catalysts for ammonia synthesis. <i>Molecular Catalysis</i> , 2017, 433, 235-241.	2.0	9
13	Mechanism of Pt interfacial interaction with carbonaceous support under reductive conditions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 127, 103-115.	1.7	9
14	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
15	Purification of exhaust gases from gasoline engine using adsorption-catalytic systems. Part 1: trapping of hydrocarbons by Ag-modified ZSM-5. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 127, 945-959.	1.7	6
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	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
18	Effect of Silver Addition on the Adsorption Properties of Y Zeolite. <i>Materials Science Forum</i> , 2020, 998, 108-113.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Effect of the acidity of a zeolite and its modification with cerium and zirconium on the activity and thermal stability of Pd/beta in the reaction of deep toluene oxidation. Russian Journal of Applied Chemistry, 2009, 82, 32-37.	0.5	0
20	Resistance for methanation and activity in ammonia decomposition catalysts Ru-Rb/Sibunit. AIP Conference Proceedings, 2019, , .	0.4	0
21	Adsorption-catalytic properties of Ag-modified ZSM-23. AIP Conference Proceedings, 2019, , .	0.4	0
22	Structural determination of active component of nanocomposite model metal-carbon catalysts. AIP Conference Proceedings, 2020, , .	0.4	0