

Victor L Temerev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ammonia decomposition Ru catalysts supported on alumina nanofibers for hydrogen generation. <i>Materials Letters</i> , 2022, 306, 130842.	2.6	11
2	The effect of Sibunit graphitization on the stability of Ru/(Pt, Pd)/Sibunit catalysts in an oxidizing atmosphere at elevated temperatures. <i>Kataliz V Promyshlennosti</i> , 2021, 1, 55-61.	0.3	0
3	Transformations of ethane and ethylene with methane on a resistive fechral catalyst in the presence of hydrogen. <i>Kataliz V Promyshlennosti</i> , 2021, 1, 62-66.	0.3	0
4	Acetylene Hydrogenation on Pdâ€“Zn/Sibunit Catalyst: Effect of Solvent and Carbon Monoxide. <i>Petroleum Chemistry</i> , 2021, 61, 490-497.	1.4	5
5	Effect of Sibunit Graphitization on the Stability of Ru (Pt, Pd)/Sibunit Catalysts in an Oxidizing Atmosphere at Elevated Temperatures. <i>Catalysis in Industry</i> , 2021, 13, 252-257.	0.7	0
6	Conversions of Ethane and Ethylene with Methane on a Resistive Fechral Catalyst in the Presence of Hydrogen. <i>Catalysis in Industry</i> , 2021, 13, 258-262.	0.7	0
7	The nature of modifying effect of gallium on Pd-Ga/Al ₂ O ₃ catalyst for liquid-phase selective acetylene hydrogenation. <i>Materials Letters</i> , 2021, 305, 130843.	2.6	6
8	Effect of Silver Addition on the Adsorption Properties of Y Zeolite. <i>Materials Science Forum</i> , 2020, 998, 108-113.	0.3	1
9	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
10	Study of the Interaction between Components at Different Stages of Preparing Ruâ€“Rb/Sibunit Catalysts for the Decomposition of Ammonia. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 2201-2208.	0.6	0
11	Influence of Oxidative Treatment and Platinum Content on the Stability of the Pt/Sibunit System in an Oxidizing Atmosphere at Elevated Temperatures. <i>Solid Fuel Chemistry</i> , 2020, 54, 385-391.	0.7	2
12	The influence of high-temperature treatment of the carbon support Sibunit and the content of ruthenium on the activity of Ru-Cs/C catalysts for ammonia synthesis. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
13	Effect of the Modifier on the Catalytic Properties and Thermal Stability of Ruâ€“Cs(Ba)/Sibunit Catalyst for Ammonia Decomposition. <i>Kinetics and Catalysis</i> , 2019, 60, 372-379.	1.0	8
14	Resistance for methanation and activity in ammonia decomposition catalysts Ru-Rb/Sibunit. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
15	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
16	Pyrolysis of Methane on a Resistive ZrO ₂ /SiC Catalyst. <i>Russian Journal of Applied Chemistry</i> , 2019, 92, 1258-1265.	0.5	2
17	Comparison of the activity of Ru-K/Sibunit catalysts in ammonia synthesis and decomposition. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	4
18	The effect of FeCrAl spiral temperature on the interaction of methane and its pyrolysis products with ethane. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3

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19	Adsorption-catalytic properties of Ag-modified ZSM-23. AIP Conference Proceedings, 2019, , .	0.4	0
20	Ethane pyrolysis on Al ₂ O ₃ , ZrO ₂ , SiO ₂ oxides supported on fechral under conditions of resistive heating. AIP Conference Proceedings, 2019, , .	0.4	4
21	Acetylene Hydrogenation to Ethylene in a Hydrogen-Rich Gaseous Mixture on a Pd/Sibunit Catalyst. Kinetics and Catalysis, 2019, 60, 446-452.	1.0	15
22	Comparative research of pyrolysis of light alkanes (methane and ethane) on the resistive FeCrAl catalyst. AIP Conference Proceedings, 2019, , .	0.4	1
23	Purification of exhaust gases from gasoline engine using adsorption-catalytic systems. Part 1: trapping of hydrocarbons by Ag-modified ZSM-5. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 945-959.	1.7	6
24	Liquid-Phase Hydrogenation of Acetylene to Ethylene in a Flow on Pd/Al ₂ O ₃ and Pd-Ga/Al ₂ O ₃ Catalysts in the Presence of CO. Russian Journal of Applied Chemistry, 2019, 92, 128-134.	0.5	5
25	Effect of the carbon support graphitization on the activity and thermal stability of Ru-Ba-Cs/C ammonia decomposition catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 85-102.	1.7	16
26	Mechanism of Pt interfacial interaction with carbonaceous support under reductive conditions. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 103-115.	1.7	9
27	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
28	Study on the metal-support interaction in the Ru/C catalysts under reductive conditions. Surfaces and Interfaces, 2018, 12, 95-101.	3.0	28
29	Carbon support hydrogenation in Pd/C catalysts during reductive thermal treatment. International Journal of Hydrogen Energy, 2018, 43, 17656-17663.	7.1	19
30	Molybdenum carbide synthesized by mechanical activation an inert medium. Journal of Alloys and Compounds, 2017, 698, 1018-1027.	5.5	21
31	The effect of composition of the ruthenium precursors and heat treatment conditions on the activity of Ru-Ba/Sibunit catalysts for ammonia synthesis. Molecular Catalysis, 2017, 433, 235-241.	2.0	9
32	Plasma electrolytic oxide coatings on silumin for oxidation CO. AIP Conference Proceedings, 2017, , .	0.4	2
33	Pyrolysis of methane on oxide catalysts supported by resistive fechral and carborundum. Catalysis in Industry, 2017, 9, 181-188.	0.7	8
34	Synthesis and study of Ru-Ba-Cs/Sibunit ternary catalysts for ammonia synthesis. Russian Journal of Applied Chemistry, 2017, 90, 887-894.	0.5	18
35	Methane pyrolysis on deposited resistive MeO x /carborundum catalysts, where MeO x is MgO, CaO, MgO/Al ₂ O ₃ , MgO/ZrO ₂ , CaO/Al ₂ O ₃ , and CaO/ZrO ₂ . Catalysis in Industry, 2017, 9, 277-282.	0.7	2
36	Study of the Influence Exerted by Zinc Additive on the Structure and Catalytic Properties of Pd/Al ₂ O ₃ Catalysts for Liquid-Phase Hydrogenation of Acetylene. Russian Journal of Applied Chemistry, 2017, 90, 1908-1917.	0.5	8

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37	Pyrolysis of Methane on Resistive MgO/SiC Catalyst. Russian Journal of Applied Chemistry, 2017, 90, 1939-1943.	0.5	1
38	Pyrolysis of Methane over Oxide Catalysts on Resistible Fechal and Carborundum Supports. Kataliz V Promyshlennosti, 2017, 17, 94-101.	0.3	1
39	Effect of Ag loading on the adsorption/desorption properties of ZSM-5 towards toluene. Reaction Kinetics, Mechanisms and Catalysis, 2016, 119, 629-640.	1.7	23
40	Methanation of the carbon supports of ruthenium ammonia synthesis catalysts: A review. Catalysis in Industry, 2016, 8, 341-347.	0.7	15
41	Pd/Ga ₂ O ₃ –Al ₂ O ₃ catalysts for the selective liquid-phase hydrogenation of acetylene to ethylene. Kinetics and Catalysis, 2016, 57, 490-496.	1.0	9
42	Catalytic Coatings for Improving the Environmental Safety of Internal Combustion Engines. Procedia Engineering, 2016, 152, 59-66.	1.2	8
43	Methanation of Carbon Supports of Ruthenium Catalysts for Ammonia Synthesis. Review. Kataliz V Promyshlennosti, 2016, 16, 20-27.	0.3	1
44	The influence of a carbon support on the catalytic properties of Pd/Sibunit and Pd-Ga/Sibunit catalysts for liquid-phase acetylene hydrogenation. Solid Fuel Chemistry, 2015, 49, 14-19.	0.7	4
45	Pyrolysis of methane on fechal resistive catalyst with additions of hydrogen or oxygen to the reaction mixture. Catalysis in Industry, 2015, 7, 171-174.	0.7	7
46	Carrying Agent Influence on the Ruthenium Catalyst Activity of the Ammonia Synthesis. Procedia Engineering, 2015, 113, 84-90.	1.2	12
47	EXAFS study of Pd/Ga ₂ O ₃ model catalysts of selective liquid-phase hydrogenation of acetylene to ethylene. Journal of Molecular Catalysis A, 2012, 358, 152-158.	4.8	13
48	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
49	Enhanced Adsorption Properties of Ag-Loaded β -Zeolite towards Toluene. Materials Science Forum, 0, 917, 180-184.	0.3	11
50	Co-Conversion of Methane and Ethane over a Resistive Fechal Catalyst in the Presence of Oxygen. Petroleum Chemistry, 0, , 1.	1.4	1