

# Antonina D. Stepacheva

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

157  
citations

1163117

8  
h-index

1199594

12  
g-index

28  
all docs

28  
docs citations

28  
times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkane production from unsaturated fatty acids over transition metal doped Pd catalysts. <i>Chemical Engineering and Technology</i> , 2021, 44, 2109.	1.5	0
2	Fast Pyrolysis of Flax Shive in a Screw-Type Reactor. <i>Chemical Engineering and Technology</i> , 2021, 44, 2056-2063.	1.5	6
3	Polymer-based bifunctional catalysts for anthracene hydrocracking in the medium of supercritical propanol-2. <i>Catalysis Today</i> , 2021, 378, 158-166.	4.4	7
4	Ru-doped transition metal catalysts for liquid-phase Fischer-Tropsch synthesis. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020, 130, 813-823.	1.7	2
5	Magnetically separable Ru-containing catalysts in supercritical deoxygenation of fatty acids. <i>Pure and Applied Chemistry</i> , 2020, 92, 817-826.	1.9	2
6	Modification of the hypercrosslinked polystyrene surface. New approaches to the synthesis of polymer-stabilized catalysts. <i>Russian Chemical Bulletin</i> , 2020, 69, 721-730.	1.5	5
7	Synthesis-Gas Absorption under Real Process Conditions: Thermodynamic Aspects. <i>Chemical Engineering and Technology</i> , 2019, 42, 805-811.	1.5	0
8	Effect of Metal Chlorides on the Pyrolysis of Wheat Straw. <i>International Journal of Chemical Engineering</i> , 2019, 2019, 1-10.	2.4	8
9	Fatty Acid Deoxygenation in Supercritical Hexane over Catalysts Synthesized Hydrothermally for Biodiesel Production. <i>Chemical Engineering and Technology</i> , 2019, 42, 780-787.	1.5	11
10	Supercritical Solvent Composition Influence on Bio-oil Model Compound Deoxygenation. <i>Bulletin of Science and Practice</i> , 2019, 5, 18-25.	0.0	0
11	Polymer Magnetically Separable Catalyst for Supercritical Deoxygenation of Fatty Acids. <i>Bulletin of Science and Practice</i> , 2019, 5, 10-17.	0.0	0
12	Ru-containing Catalysts for Liquid-phase Fischer-Tropsch Synthesis. <i>Bulletin of Science and Practice</i> , 2019, 5, 37-44.	0.0	0
13	Magnetically recoverable catalysts for the conversion of inulin to mannitol. <i>Energy</i> , 2018, 154, 1-6.	8.8	9
14	Catalytic performance of the modified H-ZSM-5 zeolite in methanol transformation to hydrocarbons. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 124, 807-822.	1.7	11
15	Comparison of methanol to gasoline conversion in one-step, two-step, and cascade mode in the presence of H-ZSM-5 zeolite. <i>International Journal of Sustainable Energy</i> , 2018, 37, 970-977.	2.4	5
16	Polymeric Ru-containing catalysts in fatty acid hydrogenation. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
17	Ni catalyst synthesized by hydrothermal deposition on the polymeric matrix in the supercritical deoxygenation of fatty acids. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 125, 213-226.	1.7	13
18	Lignin-containing Feedstock Hydrogenolysis for Biofuel Component Production. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2018, 13, 74-81.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Stearic acid hydrodeoxygenation over Pd nanoparticles embedded in mesoporous hypercrosslinked polystyrene. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 46, 426-435.	5.8	35
20	Petroleum-containing residue processing via co-catalyzed pyrolysis. <i>Fuel</i> , 2017, 198, 159-164.	6.4	8
21	Flax shive thermocatalytic processing. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
22	Catalytic Hydrodeoxygenation of Fatty Acids for Biodiesel Production. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016, 11, 125-132.	1.1	11
23	Kinetic Study of the Catalytic Pyrolysis of Oil-Containing Waste. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016, 11, 330.	1.1	4
24	Experimental Investigation of the Biomass Catalytic Pyrolysis Process to Produce the Combustible Gases with the High Calorific Value. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2015, 10, .	1.1	2
25	Hydrodeoxygenation of stearic acid for the production of "green" diesel. <i>Green Processing and Synthesis</i> , 2014, 3, 441-446.	3.4	9