

Polina Chistyakova

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Deactivation Mechanism of Palladium Catalysts for Ethanol Conversion to Butanol. <i>Petroleum Chemistry</i> , 2021, 61, 504-515.	0.4	1
2	Effects of Support on the Formation and Activity of Gold Catalysts for Ethanol Conversion to Butanol. <i>Petroleum Chemistry</i> , 2021, 61, 748-761.	0.4	0
3	Heterogeneous Catalytic Synthesis of Zingerone and Dehydrozingerone. <i>Petroleum Chemistry</i> , 2020, 60, 1080-1086.	0.4	0
4	Laboratory scale production of hydrocarbon motor fuel components from lignocellulose: Combination of new developments of membrane science and catalysis. <i>Biomass and Bioenergy</i> , 2020, 135, 105506.	2.9	3
5	Effect of Promoter M (M = Au, Ag, Cu, Ce, Fe, Ni, Co, Zn) on the Activity of Pd-M/Al ₂ O ₃ Catalysts of Ethanol Conversion into $\hat{\pm}$ -Alcohols. <i>Kinetics and Catalysis</i> , 2020, 61, 894-902.	0.3	3
6	Microwave-Assisted Lignin Conversion for Energy Carriers. <i>Russian Journal of Physical Chemistry B</i> , 2019, 13, 421-426.	0.2	1
7	Production of Motor Fuel from Lignocellulose in a Three-Stage Process (Review and Experimental) <i>Tj ETQq1 1 0.784314 rgBT /Overloc</i>	0.4	8
8	Kraft Lignin Conversion into Energy Carriers under the Action of Electromagnetic Radiation. <i>Journal of Chemistry</i> , 2019, 2019, 1-9.	0.9	7
9	Original Pt-Sn/Al ₂ O ₃ catalyst for selective hydrodeoxygenation of vegetable oils. <i>Energy</i> , 2019, 172, 18-25.	4.5	21
10	Linear $\hat{\pm}$ -alcohols production from supercritical ethanol over Cu/Al ₂ O ₃ catalyst. <i>Energy</i> , 2019, 166, 569-576.	4.5	15
11	The activity of mono- and bimetallic gold catalysts in the conversion of sub- and supercritical ethanol to butanol. <i>Journal of Catalysis</i> , 2019, 369, 501-517.	3.1	23
12	Pt-Sn/Al ₂ O ₃ catalyst for the selective hydrodeoxygenation of esters. <i>Mendeleev Communications</i> , 2018, 28, 91-92.	0.6	6
13	Direct conversion of ethanol and fusel oils to alkane-aromatic hydrocarbons in the presence of a pilot Pd-Zn/TsVM catalyst. <i>Petroleum Chemistry</i> , 2018, 58, 32-42.	0.4	2
14	Single-Stage Catalytic Coconversion of Vegetable Oils and Alcohols to the Alkane-Aromatic Hydrocarbon Fraction without Using Molecular Hydrogen. <i>Petroleum Chemistry</i> , 2018, 58, 258-263.	0.4	6
15	Direct Au-Ni/Al ₂ O ₃ catalysed cross-condensation of ethanol with isopropanol into pentanol-2. <i>Catalysis Today</i> , 2017, 279, 124-132.	2.2	24
16	Conversion of Ethanol into a Fraction of C ₃ + Hydrocarbons in the Presence of Gold-Containing Catalysts Based on a Zeolite MFI Support. <i>Kinetics and Catalysis</i> , 2017, 58, 741-748.	0.3	4
17	Conversion of ethanol into linear primary alcohols on gold, nickel, and gold-nickel catalysts. <i>Kinetics and Catalysis</i> , 2016, 57, 803-811.	0.3	9
18	Conversion of bio-oxygenates into hydrocarbons in the presence of a commercial Pt-Re/Al ₂ O ₃ catalyst. <i>Kinetics and Catalysis</i> , 2016, 57, 812-820.	0.3	1

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19	Evolution of active ingredients and catalytic properties of Pt-Sn/Al ₂ O ₃ catalysts in the selective deoxygenation reaction of vegetable oils. <i>Petroleum Chemistry</i> , 2016, 56, 607-615.	0.4	9
20	Synergistic effect of gold and copper in the catalytic conversion of ethanol to linear 1- α -alcohols. <i>Petroleum Chemistry</i> , 2016, 56, 730-737.	0.4	6
21	Selective deoxygenation of vegetable oils in the presence of Pt-Sn/Al ₂ O ₃ catalyst. <i>Russian Chemical Bulletin</i> , 2015, 64, 2062-2068.	0.4	10
22	Highly selective conversion of vegetable oil into hydrocarbons. <i>Doklady Chemistry</i> , 2015, 460, 26-28.	0.2	5
23	Alkylation of isopropanol with ethanol in the presence of an Au-Ni/Al ₂ O ₃ catalyst. <i>Doklady Chemistry</i> , 2015, 462, 130-132.	0.2	1
24	Conversion of ethanol and glycerol to olefins over the Re- and W-containing catalysts. <i>Russian Chemical Bulletin</i> , 2015, 64, 337-345.	0.4	5
25	Conversion of ethanol into hydrocarbon components of fuels in the presence of Pd-Zn-containing catalysts. <i>Russian Chemical Bulletin</i> , 2014, 63, 88-93.	0.4	11
26	Original Pt-Sn/Al ₂ O ₃ Catalyst for Selective Hydrodeoxygenation of Vegetable Oils. , 0, , .		0
27	Direct Conversion of Ethanol Into Linear 1- α - Alcohols in the Supercritical Regime Over Au-Cu and Au-Ni Catalysts. , 0, , .		0