Polina Chistyakova

List of Publications by Year in descending order

27	181	1162889 8	1199470 12
papers	citations	h-index	g-index

27	27	27	214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct Au-Ni/Al 2 O 3 catalysed cross-condensation of ethanol with isopropanol into pentanol-2. Catalysis Today, 2017, 279, 124-132.	2.2	24
2	The activity of mono- and bimetallic gold catalysts in the conversion of sub- and supercritical ethanol to butanol. Journal of Catalysis, 2019, 369, 501-517.	3.1	23
3	Original Pt-Sn/Al2O3 catalyst for selective hydrodeoxygenation of vegetable oils. Energy, 2019, 172, 18-25.	4.5	21
4	Linear Î±-alcohols production from supercritical ethanol over Cu/Al2O3 catalyst. Energy, 2019, 166, 569-576.	4.5	15
5	Conversion of ethanol into hydrocarbon components of fuels in the presence of Pd-Zn-containing catalysts. Russian Chemical Bulletin, 2014, 63, 88-93.	0.4	11
6	Selective deoxygenation of vegetable oils in the presence of Ptâ€“Sn/Al2O3 catalyst. Russian Chemical Bulletin, 2015, 64, 2062-2068.	0.4	10
7	Conversion of ethanol into linear primary alcohols on gold, nickel, and goldâ€“nickel catalysts. Kinetics and Catalysis, 2016, 57, 803-811.	0.3	9
8	Evolution of active ingredients and catalytic properties of Pt-Sn/Al2O3 catalysts in the selective deoxygenation reaction of vegetable oils. Petroleum Chemistry, 2016, 56, 607-615.	0.4	9
9	Production of Motor Fuel from Lignocellulose in a Three-Stage Process (Review and Experimental) Tj ETQq1 1 0.784314 rgBT /Overloc	0.4	8
10	Kraft Lignin Conversion into Energy Carriers under the Action of Electromagnetic Radiation. Journal of Chemistry, 2019, 2019, 1-9.	0.9	7
11	Synergistic effect of gold and copper in the catalytic conversion of ethanol to linear Î±-alcohols. Petroleum Chemistry, 2016, 56, 730-737.	0.4	6
12	Ptâ€“Sn/Al 2 O 3 catalyst for the selective hydrodeoxygenation of esters. Mendeleev Communications, 2018, 28, 91-92.	0.6	6
13	Single-Stage Catalytic Coconversion of Vegetable Oils and Alcohols to the Alkaneâ€“Aromatic Hydrocarbon Fraction without Using Molecular Hydrogen. Petroleum Chemistry, 2018, 58, 258-263.	0.4	6
14	Highly selective conversion of vegetable oil into hydrocarbons. Doklady Chemistry, 2015, 460, 26-28.	0.2	5
15	Conversion of ethanol and glycerol to olefins over the Re- and W-containing catalysts. Russian Chemical Bulletin, 2015, 64, 337-345.	0.4	5
16	Conversion of Ethanol into a Fraction of C3+ Hydrocarbons in the Presence of Gold-Containing Catalysts Based on a Zeolite MFI Support. Kinetics and Catalysis, 2017, 58, 741-748.	0.3	4
17	Laboratory scale production of hydrocarbon motor fuel components from lignocellulose: Combination of new developments of membrane science and catalysis. Biomass and Bioenergy, 2020, 135, 105506.	2.9	3
18	Effect of Promoter M (M = Au, Ag, Cu, Ce, Fe, Ni, Co, Zn) on the Activity of Pdâ€“M/Al2O3 Catalysts of Ethanol Conversion into Î±-Alcohols. Kinetics and Catalysis, 2020, 61, 894-902.	0.3	3

#	Article	IF	Citations
19	Direct conversion of ethanol and fusel oils to alkaneâ€“aromatic hydrocarbons in the presence of a pilot Pdâ€“Zn/TsVM catalyst. Petroleum Chemistry, 2018, 58, 32-42.	0.4	2
20	Alkylation of isopropanol with ethanol in the presence of an Au-Ni/Al2O3 catalyst. Doklady Chemistry, 2015, 462, 130-132.	0.2	1
21	Conversion of bio-oxygenates into hydrocarbons in the presence of a commercial Ptâ€“Re/Al2O3 catalyst. Kinetics and Catalysis, 2016, 57, 812-820.	0.3	1
22	Microwave-Assisted Lignin Conversion for Energy Carriers. Russian Journal of Physical Chemistry B, 2019, 13, 421-426.	0.2	1
23	Deactivation Mechanism of Palladium Catalysts for Ethanol Conversion to Butanol. Petroleum Chemistry, 2021, 61, 504-515.	0.4	1
24	Heterogeneous Catalytic Synthesis of Zingerone and Dehydrozingerone. Petroleum Chemistry, 2020, 60, 1080-1086.	0.4	0
25	Effects of Support on the Formation and Activity of Gold Catalysts for Ethanol Conversion to Butanol. Petroleum Chemistry, 2021, 61, 748-761.	0.4	0
26	Original Pt-Sn/Al2O3 Catalyst for Selective Hydrodeoxygenation of Vegetable Oils. , 0, , .		0
27	Direct Conversion of Ethanol Into Linear Î±- Alcohols in the Supercritical Regime Over Au-Cu and Au-Ni Catalysts. , 0, , .		0