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List of PR Articles by Year in descending order

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149 PR articles	2,304 PR citations	181214 26 PR h-index	188671 46 g-index
151 documents	2437 doc citations	194581 27 h-index	2260 citing authors

#	Article	IF	PR Citations
1	Selective Levulinic Acid Hydrogenation in Presence of Hybrid Dendrimerâ€Based Catalysts. Part II: Bimetallic. Macromolecular Chemistry and Physics, 2025, 226, .	2.5	1
2	Carbon dioxide hydrogenation combined with an oxidative methane carbonylation over CeO2-HZSM-5 catalyst for acetic acid production. Inorganic Chemistry Communication, 2024, 159, 111697.	4.9	5
3	Ruthenium catalysts based on porous aromatic frameworks synthesized by modified impregnation methods for hydrogenation of levulinic acid and its esters. Materials Today Sustainability, 2024, 25, 100637.	4.3	7
4	Hydrogenation of Đ¡Đž2 into Hydrocarbons on Bifunctional Catalysts. Petroleum Chemistry, 2024, 63, 1235-1243.	1.0	0
5	One-Step Synthesis of Liquid Hydrocarbons from CO2 Using Hybrid Intergrowth Structure Zeolites. Petroleum Chemistry, 2024, 63, 1219-1227.	1.0	3
6	Study the Effect of Acid Leaching Treatment on the Catalytic Activity of Chitosan-Based Iron Catalyst in Fischerâ€“Tropsch Synthesis. Petroleum Chemistry, 2024, 64, 109-121.	1.0	2
7	Plasma-Assisted Carbon Dioxide Methane Reforming: Relationships of the Formation of Oxygenates on Adding a Catalyst (a Review). Petroleum Chemistry, 2024, 64, 435-449.	1.0	2
8	Behavior of Nanocatalysts in Fischerâ€“Tropsch Synthesis in Various Types of Three-Phase Slurry Reactors. Petroleum Chemistry, 2024, 64, 450-457.	1.0	5
9	Hydrogenation of Furfural on Pt- and Pd-Containing Catalysts in an Aqueous Medium. Russian Journal of Applied Chemistry, 2024, 96, 953-961.	0.7	2
10	Methanol to Aromatics on Hybrid Structure Zeolite Catalysts. Catalysts, 2024, 14, 461.	3.8	3
11	Direct Electric Heating in Chemical Processes (A Review). Petroleum Chemistry, 2024, 64, 633-647.	1.0	0
12	Dielectric Barrier Discharge Plasma Combined with Ce-Ni Mesoporous catalysts for CO2 splitting to CO. Plasma Chemistry and Plasma Processing, 2024, 44, 2087-2100.	2.2	6
13	Properties of In Situ Obtained NiWS Nanocatalysts in Hydrogenation of Bicyclic Aromatics. Petroleum Chemistry, 2023, , .	1.0	0
14	Synthesis and Investigation of Zeolite TiO2/Al-ZSM-12 Structure and Properties. Catalysts, 2023, 13, 216.	3.8	9
15	Guaiacol to Aromatics: Efficient Transformation over In Situ-Generated Molybdenum and Tungsten Oxides. Catalysts, 2023, 13, 263.	3.8	8
16	Use of Dimethyl Ether in Technologies for Enhancing the Oil Recovery from Reservoirs (A Review). Petroleum Chemistry, 2023, 63, 67-73.	1.0	4
17	Epoxidation of Olefins in the Presence of Molybdenum Catalysts based on Porous Aromatic Frameworks. Petroleum Chemistry, 2023, 63, 327-335.	1.0	4
18	Novel Technological Paradigm of the Application of Carbon Dioxide as a C1 Synthon in Organic Chemistry: I. Synthesis of Hydroxybenzoic Acids, Methanol, and Formic Acid. Russian Journal of Organic Chemistry, 2023, 58, 1681-1711.	1.0	15

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19	Dimethyl Ether to Olefins on Hybrid Intergrowth Structure Zeolites. Catalysts, 2023, 13, 570.	3.8	9
20	Hybrid Plasma-Catalytic CO2 Dissociation over Basic Metal Oxides Combined with CeO2. Processes, 2023, 11, 1553.	2.6	10
21	Mechanisms of Low-Temperature Processes of Biomass Conversion (A Review). Petroleum Chemistry, 2023, 63, 633-647.	1.0	6
22	Selective Hydrodeoxygenation of Guaiacol to Cyclohexane over Ru-Catalysts Based on MFI Nanosheets. Micro, 2023, 3, 610-619.	1.5	3
23	PET Waste Recycling into BTX Fraction Using In Situ Obtained Nickel Phosphide. Polymers, 2023, 15, 2248.	4.6	15
24	Direct synthesis of alkoxysilanes: current state, challenges and prospects. Russian Chemical Reviews, 2023, 92, RCR5081.	6.1	7
25	Direct Homogeneous Synthesis of Compounds with Two O Atoms and Long-Chain Hydrocarbons from CO and H2: Coâ€“Ru/N-methylpyrrolidone Catalyst. Molecules, 2023, 28, 6341.	4.3	0
26	Hydrogenation of Lignocellulosic Biomass-Derived Furfural over Ruthenium and Nickel Catalysts Supported on Mesoporous Aluminosilicate. Petroleum Chemistry, 2023, 63, 655-662.	1.0	3
27	Hydrogen Separation from Gas Mixtures by Its Chemical Storage via Hydrogenation of Aromatic Compounds over Dispersed Niâ€“Moâ€“Sulfide Catalysts. Petroleum Chemistry, 2023, 63, 674-682.	1.0	3
28	Bifunctional MoS2/Al2O3-Zeolite Catalysts in the Hydroprocessing of Methyl Palmitate. International Journal of Molecular Sciences, 2023, 24, 14863.	4.5	6
29	Hydrogenation of CO2 over Biochar-Supported Catalysts. Petroleum Chemistry, 2023, 63, 443-452.	1.0	9
30	Methyl and Ethyl Ethers of Glycerol as Potential Green Low-Melting Technical Fluids. Molecules, 2023, 28, 7483.	4.3	0
31	Effects of Reaction Mixture Composition and Synthesis Parameters on the Physicochemical Properties of ZSM-48 Zeolites (A Review): Part 1.. Petroleum Chemistry, 2023, 63, 844-865.	1.0	4
32	Investigation of Rh/NR3 catalytic systems in sequential stages of reductive hydroformylation engaging in situ X-ray absorption spectroscopy. Journal of Catalysis, 2023, 428, 115194.	6.5	8
33	Hydrodeoxygenation of Lignin-Based Compounds over Ruthenium Catalysts Based on Sulfonated Porous Aromatic Frameworks. Polymers, 2023, 15, 4618.	4.6	10
34	Greenhouse Gas Conversion into Hydrocarbons and Oxygenates Using Low Temperature Barrier Discharge Plasma Combined with Zeolite Catalysts. Gases, 2023, 3, 165-180.	5.6	1
35	Effect of Quinoline Additions on the Activity of In Situ Formed NiWS Catalysts. Petroleum Chemistry, 2023, 63, 939-948.	1.0	0
36	Carbon Dioxide Utilization Using Plasma Reactor Packed with Magnesia-Ceria Catalysts with Various Morphology. Petroleum Chemistry, 2023, 63, 1097-1109.	1.0	3

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37	Hydrodecyclization of Naphthenes over Iridium-Containing Zeolite Catalysts. Petroleum Chemistry, 2023, 63, 1080-1086.	1.0	0
38	The green chemistry paradigm in modern organic synthesis. Russian Chemical Reviews, 2023, 92, RCR5104.	6.1	20
39	Design and preparation of liquid polycyclic norbornanes as potential high performance fuels for aerospace propulsion. Fuel Processing Technology, 2022, 225, 107056.	7.6	25
40	Functionalization strategy influences the porosity of amino-containing porous aromatic frameworks and the hydrogenation activity of palladium catalysts synthesized on their basis. Molecular Catalysis, 2022, 517, 112012.	2.2	11
41	Synergy of Acidity and Morphology of Micro-/Mesoporous Materials in the Solid-Acid Alkylation of Toluene with 1-Decene. Industrial & Engineering Chemistry Research, 2022, 61, 1994-2009.	3.9	16
42	Modern Methods for Producing Acetic Acid from Methane: New Trends (A Review). Petroleum Chemistry, 2022, 62, 40-61.	1.0	18
43	Transformations of Carbon Dioxide under Homogeneous Catalysis Conditions (A Review). Petroleum Chemistry, 2022, 62, 1-39.	1.0	34
44	Heterogeneous Dendrimer-Based Catalysts. Polymers, 2022, 14, 981.	4.6	25
45	Specific Features of the In Situ Formation of an Unsupported NiWS Nanosize Catalyst from Oil-Soluble Precursors. Catalysis Letters, 2022, , .	2.1	1
46	Hydrocarbon Oxidation Depth: H2O2/Cu2Cl4Â·2DMG/CH3CN System. Catalysts, 2022, 12, 409.	3.8	1
47	Advances in the Chemistry of Unsaturated Adamantane Derivatives (A Review). Petroleum Chemistry, 2022, 62, 352-375.	1.0	6
48	Promising Approaches to Carbon Dioxide Processing Using Heterogeneous Catalysts (A Review). Petroleum Chemistry, 2022, 62, 445-474.	1.0	20
49	Effects of MTW Zeolite Crystallite Morphology on Product Formation in Isomerization of m-Xylene. Petroleum Chemistry, 2022, 62, 914-923.	1.0	3
50	SAPO-11 Molecular Sieves Synthesized from Aluminum Isopropoxide and SiO2 with Various Dispersions. Petroleum Chemistry, 2022, , .	1.0	1
51	Alkylation of Isobutane with Butylenes over a Zeolite Catalyst in a Slurry Bed Reactor. Petroleum Chemistry, 2022, 62, 870-878.	1.0	3
52	Modern Processes for Petrochemistry Based on Acetylene (A Review). Petroleum Chemistry, 2022, 62, 989-1026.	1.0	16
53	Hydrogenation of Lignin Bio-Oil Components over Catalysts Based on Porous Aromatic Frameworks. Petroleum Chemistry, 2022, 62, 1096-1106.	1.0	4
54	In Situ-Generated, Dispersed Cu Catalysts for the Catalytic Hydrogenolysis of Glycerol. Molecules, 2022, 27, 8778.	4.3	2

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55	Alkylation of Guaiacol with Alcohols on Porous Aromatic Frameworks Modified with Sulfo Groups. Petroleum Chemistry, 2022, 62, 1195-1203.	1.0	6
56	Palladium Catalysts Based on Nitrogen-Containing Porous Aromatic Frameworks for Hydrogenation of Unsaturated Compounds. Petroleum Chemistry, 2022, 62, 1183-1194.	1.0	5
57	Deep aerobic oxidative desulfurization of model fuel by Anderson-type polyoxometalate catalysts. Catalysis Communications, 2021, 149, 106256.	4.5	47
58	Synthesis and properties of high-energy-density hydrocarbons based on 5-vinyl-2-norbornene. Fuel, 2021, 283, 118935.	7.5	34
59	One-pot synthesis of short-chain cyclic acetals via tandem hydroformylationâ€“acetalization under biphasic conditions. Reaction Chemistry and Engineering, 2021, 6, 839-844.	2.9	12
60	The Effect of MoS2 Active Site Dispersion on Suppression of Polycondensation Reactions during Heavy Oil Hydroconversion. Catalysts, 2021, 11, 676.	3.8	12
61	Metal-Free Oxidative Desulfurization Catalysts Based on Porous Aromatic Frameworks. Industrial & Engineering Chemistry Research, 2021, 60, 9049-9058.	3.9	27
62	Synthesis of Highly Active Nanozeolites Using Methods of Mechanical Milling, Recrystallization, and Dealumination (A Review). Petroleum Chemistry, 2021, 61, 649-662.	1.0	13
63	Non-Porous Sulfonic Acid Catalysts Derived from Vacuum Residue Asphaltenes for Glycerol Valorization via Ketalization with Acetone. Catalysts, 2021, 11, 776.	3.8	5
64	Crystallization of Zeolites in the Presence of Diquaternary Alkylammonium Salts Derived from Dimethylethanolamine. Petroleum Chemistry, 2021, 61, 815-824.	1.0	3
65	Silicoaluminophosphate Molecular Sieves SAPO-11 and SAPO-41: Synthesis, Properties, and Applications for Hydroisomerization of C16+ n-Paraffins. Part 2: Current State of Research on Methods to Control the Crystal Morphology, Dispersion, Acidic Properties, Secondary Porous Structure, and Catalytic Properties of SAPO-11 and SAPO-41 in Hydroisomerization of C16+ n-Paraffins (A Review). Petroleum Chemistry, 2021, 61, 852-870.	1.0	20
66	Tandem hydroformylation/hydrogenation over novel immobilized Rh-containing catalysts based on tertiary amine-functionalized hybrid inorganic-organic materials. Applied Catalysis A: General, 2021, 623, 118266.	4.6	43
67	Silicoaluminophosphate Molecular Sieves SAPO-11 and SAPO-41: Synthesis, Properties, and Applications for Hydroisomerization of C16+ n-Paraffins. Part 1: Current State of Research on SAPO-11 and SAPO-41 Synthesis (A Review). Petroleum Chemistry, 2021, 61, 836-851.	1.0	16
68	The Effect of Sulfonate Groups in the Structure of Porous Aromatic Frameworks on the Activity of Platinum Catalysts Towards Hydrodeoxygenation of Biofuel Components. Petroleum Chemistry, 2021, 61, 1061-1070.	1.0	10
69	Novel Strained Alicyclic Hydrocarbons Based on 5-Methylene-2-norbornene. Petroleum Chemistry, 2021, 61, 1033-1039.	1.0	3
70	Functional supramolecular systems: design and applications. Russian Chemical Reviews, 2021, 90, 895-1107.	6.1	132
71	Bizeolite Pt/ZSM-5:ZSM-12/Al2O3 catalyst for hydroisomerization of C-8 fraction with various ethylbenzene content. Catalysis Today, 2021, 378, 83-95.	4.7	12
72	A stepwise fabrication of MFI nanosheets in accelerated mode. Catalysis Today, 2021, 378, 149-157.	4.7	14

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73	Selective production of Î³-valerolactone and ethyl valerate from ethyl levulinate using unsupported nickel phosphide. Applied Catalysis A: General, 2021, 628, 118401.	4.6	7
74	Hydrogenation of Butadieneâ€“Styrene Rubber over Palladium Nanoparticles Synthesized In Situ: Selection of Stabilizer. Petroleum Chemistry, 2021, , .	1.0	0
75	Non-phosphorus recyclable Rh/triethanolamine catalytic system for tandem hydroformylation/hydrogenation and hydroaminomethylation of olefins under biphasic conditions. Molecular Catalysis, 2021, 516, 112010.	2.2	15
76	Dual-Cycle Mechanism Based Kinetic Model for DME-to-Olefin Synthesis on HZSM-5-Type Catalysts. Catalysts, 2021, 11, 1459.	3.8	9
77	Biphenyl Hydrogenation with Syngas for Hydrogen Purification and Transportation: Performance of Dispersed Catalytic Systems Based on Transition Metal Sulfides. Petroleum Chemistry, 2021, 61, 1131-1137.	1.0	6
78	Selective hydrogenation of terminal alkynes over palladium nanoparticles within the pores of amino-modified porous aromatic frameworks. Catalysis Today, 2020, 357, 176-184.	4.7	29
79	Manganese and Cobalt Doped Hierarchical Mesoporous Halloysite-Based Catalysts for Selective Oxidation of p-Xylene to Terephthalic Acid. Catalysts, 2020, 10, 7.	3.8	25
80	In Situ Generated Nanosized Sulfide Ni-W Catalysts Based on Zeolite for the Hydrocracking of the Pyrolysis Fuel Oil into the BTX Fraction. Catalysts, 2020, 10, 1152.	3.8	11
81	Cyclohexene Epoxidation Catalysts Based on Porous Aromatic Frameworks. Petroleum Chemistry, 2020, 60, 1087-1093.	1.0	3
82	Palladium Catalysts Based on Porous Aromatic Frameworks, Modified with Ethanolamino-Groups, for Hydrogenation of Alkynes, Alkenes and Dienes. Catalysts, 2020, 10, 1106.	3.8	19
83	Transition Metal Phosphides (Ni, Co, Mo, W) for Hydrodeoxygenation of Biorefinery Products (a) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	47
84	Ruthenium- and Palladium-Containing Catalysts Based on Mesoporous Polymer Nanospheres in Guaiacol Hydrogenation. Petroleum Chemistry, 2020, 60, 1136-1140.	1.0	7
85	Hydroprocessing of furfural over in situ generated nickel phosphide based catalysts in different solvents. Applied Catalysis A: General, 2020, 608, 117890.	4.6	22
86	Features of a Three-Phase One-Step Synthesis of Alcohols from Đ¡Đž and Đ2 in the Presence of Cuâ€“Co-Containing Slurries. Petroleum Chemistry, 2020, 60, 1129-1135.	1.0	0
87	The Prospects for Processing Reservoir Oil Sludge into Hydrocarbons by Low-Temperature Hydrogenation in Sorbing Electrochemical Matrices in Comparison with Conventional High-Temperature Hydrocracking. Energies, 2020, 13, 5362.	3.0	2
88	Ni-Based Nanoparticles on Mesoporous Silica Supports for Single-Stage Arsenic and Chlorine Removal during Diesel Fraction Hydrotreating. ACS Omega, 2020, 5, 6611-6618.	4.3	12
89	Hydrocracking of hexadecane to jet fuel components over hierarchical Ru-modified faujasite zeolite. Fuel, 2020, 278, 118193.	7.5	31
90	The Prins condensation between i-butene and formaldehyde over modified BEA and MFI zeolites in liquid phase. Catalysis Communications, 2020, 138, 105965.	4.5	18

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91	Bio-Based Solvents and Gasoline Components from Renewable 2,3-Butanediol and 1,2-Propanediol: Synthesis and Characterization. Molecules, 2020, 25, 1723.	4.3	19
92	Features of the Mechanism of the Dimethyl Ether to Light Olefins Conversion over MgZSM-5/Al2O3: Study by Vibrational Spectroscopy Experimental and Theoretical Methods. Catalysis Letters, 2020, 151, 1309-1319.	2.1	9
93	The mechanism of promoter-induced zeolite nanosheet crystallization under hydrothermal and microwave irradiation conditions. Inorganic Chemistry Frontiers, 2020, 7, 1400-1410.	6.4	20
94	Niâ€“Mo sulfide nanosized catalysts from water-soluble precursors for hydrogenation of aromatics under water gas shift conditions. Pure and Applied Chemistry, 2020, 92, 949-966.	2.0	25
95	Evaluation of sulfide catalysts performance in hydrotreating of oil fractions using comprehensive gas chromatography time-of-flight mass spectrometry. Pure and Applied Chemistry, 2020, 92, 941-948.	2.0	2
96	Particular kinetic patterns of heavy oil feedstock hydroconversion in the presence of dispersed nanosize MoS₂. Pure and Applied Chemistry, 2020, 92, 1111-1121.	2.0	2
97	The 18th IUPAC International Symposium Macromolecular-Metal Complexes (10â€“13 June,) Tj ETQq1 1 0.784314 rgBT	2.0	0
98	Ultrafine metal-polymer catalysts based on polyconjugated systems for Fisherâ€“Tropsch synthesis. Pure and Applied Chemistry, 2020, 92, 977-984.	2.0	1
99	Alkali Earth Catalysts Based on Mesoporous MCM-41 and Al-SBA-15 for Sulfone Removal from Middle Distillates. ACS Omega, 2019, 4, 12736-12744.	4.3	13
100	Ex-Situ Synthesis and Study of Nanosized Mo-Containing Catalyst for Petroleum Residue Hydro-Conversion. Catalysts, 2019, 9, 649.	3.8	9
101	Catalysts Based on Porous Polyaromatic Frameworks for Deep Oxidative Desulfurization of Model Fuel in Biphasic Conditions. Industrial & Engineering Chemistry Research, 2019, 58, 20562-20572.	3.9	31
102	Catalytic system based on nickel(II) acetate and hypophosphorous acid for the selective hydrodeoxygenation of guaiacol. Mendeleev Communications, 2019, 29, 550-552.	1.8	9
103	A possible role of paramagnetic states of iron carbides in the fischerâ€“tropsch synthesis selectivity of nanosized slurry catalysts. Journal of Catalysis, 2019, 380, 32-42.	6.5	12
104	Dimethyl Ether to Olefins over Modified ZSM-5 Based Catalysts Stabilized by Hydrothermal Treatment. Catalysts, 2019, 9, 485.	3.8	20
105	The Joint Synthesis of 1,2-Propylene Glycol and Isopropyl Alcohol by the Copper-Catalyzed Hydrogenolysis of Solketal. ACS Sustainable Chemistry and Engineering, 2019, 7, 9330-9341.	6.9	9
106	Selective semi-hydrogenation of phenyl acetylene by Pd nanocatalysts encapsulated into dendrimer networks. Molecular Catalysis, 2019, 469, 98-110.	2.2	31
107	Dendrimerâ€Encapsulated Pd Nanoparticles, Immobilized in Silica Pores, as Catalysts for Selective Hydrogenation of Unsaturated Compounds. ChemistryOpen, 2019, 8, 358-381.	2.6	24
108	Selective conversion of aromatics into cis-isomers of naphthenes using Ru catalysts based on the supports of different nature. Catalysis Today, 2019, 329, 94-101.	4.7	26

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109	Mesoporous Metal Catalysts Templated on Clay Nanotubes. Bulletin of the Chemical Society of Japan, 2019, 92, 61-69.	3.7	92
110	Ð'Ð›Ð¯ÐÐ¯Ð• Ð¡Ð¢ÐÐ£ÐšÐ¢Ð£ÐÐ« Ð¢Ð•ÐœÐŸÐ›ÐÐ¢Ð•ÐÐ•ÐžÐ¡ÐžÐ‘Ð•ÐÐÐžÐ¡Ð¢Ð¯ ÐŸÐÐžÐ¦Ð•Ð¡Ð¡Ð•Ð¨ÐÐ¯Ð¡Ð¢ÐÐ›Ð¬ÐÐ¯Ð—ÐÐ¦		
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112	Core-shell nanoarchitecture: Schiff-base assisted synthesis of ruthenium in clay nanotubes. Pure and Applied Chemistry, 2018, 90, 825-832.	2.0	27
113	Selective Levulinic Acid Hydrogenation in the Presence of Hybrid Dendrimerâ€Based Catalysts. Part I: Monometallic. ChemCatChem, 2018, 10, 222-233.	3.6	30
114	Development of micro-mesoporous materials with lamellar structure as the support of NiW catalysts. Microporous and Mesoporous Materials, 2018, 263, 150-157.	4.7	38
115	Effect of Additives on the Activity of Nickelâ€“Tungsten Sulfide Hydroconversion Catalysts Prepared In Situ from Oil-Soluble Precursors. Catalysts, 2018, 8, 644.	3.8	17
116	Hydrotreating of Light Cycle Oil over Supported on Porous Aromatic Framework Catalysts. Catalysts, 2018, 8, 397.	3.8	21
117	Transacetalization of Solketal: A Greener Route to Bioglycerolâ€Based Speciality Chemicals. ChemistrySelect, 2018, 3, 9759-9766.	1.7	6
118	New Heterogeneous Rh-Containing Catalysts Immobilized on a Hybrid Organicâ€“Inorganic Surface for Hydroformylation of Unsaturated Compounds. ACS Applied Materials & Interfaces, 2018, 10, 26566-26575.	8.0	44
119	Obtaining of highly-active catalysts of unsaturated compounds hydrogenation by using supercritical carbon dioxide. Journal of Supercritical Fluids, 2018, 140, 387-393.	4.0	10
120	Synthesis of polyfunctional phosphorus-containing calixarenes in cycloaddition reactions of azides to alkynes. Chemistry of Heterocyclic Compounds, 2017, 52, 1042-1053.	1.1	6
121	Glycerol Isopropyl Ethers: Direct Synthesis from Alcohols and Synthesis by the Reduction of Solketal. ChemCatChem, 2017, 9, 2839-2849.	3.6	18
122	Catalysis in a dispersion medium for the hydrogenation of aromatics and hydrodearomatization in oil refining. Pure and Applied Chemistry, 2017, 89, 1145-1155.	2.0	11
123	Mesoporous organo-inorganic hybrid materials as hydrogenation catalysts. Pure and Applied Chemistry, 2017, 89, 1157-1166.	2.0	11
124	Palladium nanoparticles on dendrimer-containing supports as catalysts for hydrogenation of unsaturated hydrocarbons. Molecular Catalysis, 2017, 440, 107-119.	2.2	39
125	Core/Shell Rutheniumâ€“Halloysite Nanocatalysts for Hydrogenation of Phenol. Industrial & Engineering Chemistry Research, 2017, 56, 14043-14052.	3.9	94
126	Dendrimer-Stabilized Ru Nanoparticles Immobilized in Organo-Silica Materials for Hydrogenation of Phenols. Catalysts, 2017, 7, 86.	3.8	34

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127	Sulfide Catalysts Supported on Porous Aromatic Frameworks for Naphthalene Hydroprocessing. Catalysts, 2016, 6, 122.	3.8	22
128	Hydroprocessing of Aromatics Using Sulfide Catalysts Supported on Ordered Mesoporous Phenolâ€“Formaldehyde Polymers. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1253-1258.	4.4	13
129	Palladium Catalysts Based on Mesoporous Organic Materials in Semihydrogenation of Alkynes. Macromolecular Symposia, 2016, 363, 57-63.	0.8	15
130	Heterogeneous catalytic conversion of glycerol to oxygenated fuel additives. Fuel, 2016, 172, 310-319.	7.5	49
131	Ruthenium catalysts based on mesoporous aromatic frameworks for the hydrogenation of arenes. Reaction Kinetics, Mechanisms and Catalysis, 2016, 117, 729-743.	1.6	51
132	New approach for highly selective hydrogenation of phenol to cyclohexanone: Combination of rhodium nanoparticles and cyclodextrins. Catalysis Communications, 2016, 73, 63-68.	4.5	58
133	Alkyne hydrogenation using Pdâ€“Ag hybrid nanocatalysts in surfaceâ€immobilized dendrimers. Applied Organometallic Chemistry, 2015, 29, 777-784.	3.8	27
134	Ruthenium Nanoparticles Stabilized in Crossâ€Linked Dendrimer Matrices: Hydrogenation of Phenols in Aqueous Media. ChemCatChem, 2015, 7, 1197-1210.	3.6	48
135	Flow reactor synthesis of cetane-enhancing fuel additive from 1-butanol. Fuel Processing Technology, 2015, 140, 312-323.	7.6	9
136	Pd Nanoparticles in Dendrimers Immobilized on Silicaâ€“Polyamine Composites as Catalysts for Selective Hydrogenation. ACS Applied Materials & Interfaces, 2014, 6, 8807-8816.	8.0	72
137	Nanostructured Macromolecular Metal Containing Materials in Catalysis. Macromolecular Symposia, 2011, 304, 55-64.	0.8	15
138	Catalytic properties of transition metal salts immobilized on nanoporous silica polyamine composites II: hydrogenation. Applied Organometallic Chemistry, 2011, 25, 245-254.	3.8	21
139	Copper nanoparticles as active catalysts in hydroxylation of phenol by hydrogen peroxide. Applied Catalysis A: General, 2010, 385, 62-72.	4.6	59
140	Hydroxylation of Phenol by Hydrogen Peroxide Catalyzed by Copper(II) and Iron(III) Complexes: The Structure of the Ligand and the Selectivity of ortho-Hydroxylation. Industrial & Engineering Chemistry Research, 2010, 49, 4607-4613.	3.9	65
141	Dendrimer-based catalysts in Wacker-oxidation: Unexpected selectivity to terminal double bonds. Journal of Molecular Catalysis A, 2009, 297, 73-79.	4.2	15
142	Chiral Ligands to Support Self-Assembly of [LPdCl]₃ Trimers via a Set of Secondary Interactions. Organometallics, 2009, 28, 1027-1031.	2.9	20
143	Nanocatalysts based on dendrimers. Pure and Applied Chemistry, 2009, 81, 2013-2023.	2.0	32
144	The catalytic activity of immobilized on modified silica metalloporphyrins bearing antioxidative 2,6-di-tert-butylphenol pendants. Catalysis Communications, 2007, 8, 2069-2073.	4.5	31

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145	Mass spectrometric studies of trifluoromethylated fullerenes. International Journal of Mass Spectrometry, 2006, 251, 16-22.	1.6	19
146	Aqueous catalysis by novel macromolecule metal complexes with molecular recognition abilities. Polymers for Advanced Technologies, 2001, 12, 161-168.	3.3	17
147	Surface active macromolecular and supramolecular complexes: design and catalysis. Macromolecular Symposia, 2000, 156, 137-146.	0.8	9
148	Two-phase wacker oxidation of alkenes catalyzed by water-soluble macromolecular complexes of palladium. Macromolecular Symposia, 1998, 131, 87-94.	0.8	7
149	Acetone Reaction Pathways as a Model Bio-oxygenate in a Hydrocarbon Medium on Zeolite Y and ZSM-5 Catalysts: In Situ FTIR Study. ACS Sustainable Chemistry and Engineering, 0, , .	6.9	7