

# Zhongkui Zhao

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121 papers	2,986 citations	29 h-index	48 g-index
135 ext. papers	3,473 ext. citations	6.8 avg, IF	5.8 L-index

#	Paper	IF	Citations
121	Highly-Ordered Mesoporous Carbon Nitride with Ultrahigh Surface Area and Pore Volume as a Superior Dehydrogenation Catalyst. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 3151-3161	9.6	202
120	Porous defect-modified graphitic carbon nitride via a facile one-step approach with significantly enhanced photocatalytic hydrogen evolution under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 226, 1-9	21.8	196
119	Olivine catalysts for methane- and tar-steam reforming. <i>Applied Catalysis B: Environmental</i> , <b>2008</b> , 81, 14-26	21.8	153
118	Cobalt-modified molybdenum carbide as an efficient catalyst for chemoselective reduction of aromatic nitro compounds. <i>Green Chemistry</i> , <b>2014</b> , 16, 1274-1281	10	105
117	Preassembly Strategy To Fabricate Porous Hollow Carbonitride Spheres Inlaid with Single Cu-N Sites for Selective Oxidation of Benzene to Phenol. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 16936-16940	16.4	92
116	Effect of support on the preferential oxidation of CO over cobalt catalysts. <i>Catalysis Communications</i> , <b>2008</b> , 9, 1465-1471	3.2	71
115	Dynamic interfacial behavior between crude oil and octylmethylnaphthalene sulfonate surfactant flooding systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 259, 71-80	5.1	70
114	Reconstructing Supramolecular Aggregates to Nitrogen-Deficient g-CN Bunchy Tubes with Enhanced Photocatalysis for H <sub>2</sub> Production. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 18746-18753	9.5	69
113	Interfacial tension between crude oil and decylmethylnaphthalene sulfonate surfactant alkali-free flooding systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2006</b> , 276, 186-191	5.1	63
112	Ni-olivine catalysts prepared by thermal impregnation: Structure, steam reforming activity, and stability. <i>Applied Catalysis A: General</i> , <b>2008</b> , 341, 43-49	5.1	62
111	Nanodiamond/carbon nitride hybrid nanoarchitecture as an efficient metal-free catalyst for oxidant- and steam-free dehydrogenation. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 13442-13451	13	59
110	Dynamic interfacial tension behavior of the novel surfactant solutions and Daqing crude oil. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 294, 191-202	5.1	55
109	High catalytic activity in CO PROX reaction of low cobalt-oxide loading catalysts supported on nano-particulate CeO <sub>2</sub> /ZrO <sub>2</sub> oxides. <i>Catalysis Communications</i> , <b>2011</b> , 12, 1448-1451	3.2	54
108	Preferential oxidation of carbon monoxide on CoOx/ZrO <sub>2</sub> . <i>Journal of Molecular Catalysis A</i> , <b>2008</b> , 279, 1-9		54
107	MOx (M=Mn, Fe, Ni or Cr) improved supported Co <sub>3</sub> O <sub>4</sub> catalysts on ceria/zirconia nanoparticulate for CO preferential oxidation in H <sub>2</sub> -rich gases. <i>Applied Catalysis B: Environmental</i> , <b>2012</b> , 115-116, 53-62	21.8	53
106	Syngas Production via Steam/H <sub>2</sub> O <sub>2</sub> Dual Reforming of Methane over LA-Ni/ZrO <sub>2</sub> Catalyst Prepared by L-Arginine Ligand-Assisted Strategy: Enhanced Activity and Stability. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 3461-3476	8.3	52
105	Novel alkyl methylnaphthalene sulfonate surfactants: A good candidate for enhanced oil recovery. <i>Fuel</i> , <b>2006</b> , 85, 1815-1820	7.1	46

104	Supported Co <sub>3</sub> O <sub>4</sub> -CeO <sub>2</sub> catalysts on modified activated carbon for CO preferential oxidation in H <sub>2</sub> -rich gases. <i>Applied Catalysis B: Environmental</i> , <b>2012</b> , 119-120, 62-73	21.8	45
103	Promoting effect of cyano groups attached on g-C <sub>3</sub> N <sub>4</sub> nanosheets towards molecular oxygen activation for visible light-driven aerobic coupling of amines to imines. <i>Journal of Catalysis</i> , <b>2018</b> , 366, 237-244	7.3	45
102	Characterization of olivine-supported nickel silicate as potential catalysts for tar removal from biomass gasification. <i>Applied Catalysis A: General</i> , <b>2015</b> , 489, 42-50	5.1	44
101	Mesoporous ceria-zirconia supported cobalt oxide catalysts for CO preferential oxidation reaction in excess H <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , <b>2011</b> , 110, 154-163	21.8	41
100	Nitrogen-doped nanotubes-decorated activated carbon-based hybrid nanoarchitecture as a superior catalyst for direct dehydrogenation. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 1548-1557	5.5	40
99	Modulating Location of Single Copper Atoms in Polymeric Carbon Nitride for Enhanced Photoredox Catalysis. <i>ACS Catalysis</i> , <b>2020</b> , 10, 5715-5722	13.1	38
98	Optimization of thermally impregnated Ni/olivine catalysts for tar removal. <i>Applied Catalysis A: General</i> , <b>2009</b> , 363, 64-72	5.1	35
97	A Facile Approach to Fabricate an N-Doped Mesoporous Graphene/Nanodiamond Hybrid Nanocomposite with Synergistically Enhanced Catalysis. <i>ChemCatChem</i> , <b>2015</b> , 7, 1070-1077	5.2	33
96	Heteroatom-Doped Carbonaceous Photocatalysts for Solar Fuel Production and Environmental Remediation. <i>ChemCatChem</i> , <b>2018</b> , 10, 62-123	5.2	32
95	Thermally Impregnated Ni/olivine Catalysts for Tar Removal by Steam Reforming in Biomass Gasifiers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 717-723	3.9	31
94	Improvement of nano-particulate Ce <sub>x</sub> Zr <sub>1-x</sub> O <sub>2</sub> composite oxides supported cobalt oxide catalysts for CO preferential oxidation in H <sub>2</sub> -rich gases. <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 554-563	5.5	30
93	Guanidine Nitrate Enhanced Catalysis of Nitrogen-Doped Carbon Nanotubes for Metal-Free Styrene Production through Direct Dehydrogenation. <i>ChemCatChem</i> , <b>2015</b> , 7, 1135-1144	5.2	29
92	Effect of molybdenum carbide concentration on the Ni/ZrO <sub>2</sub> catalysts for steam-CO <sub>2</sub> bi-reforming of methane. <i>RSC Advances</i> , <b>2015</b> , 5, 100865-100872	3.7	29
91	Fabrication of Tubular g-C <sub>3</sub> N <sub>4</sub> with N-Defects and Extended $\pi$ -Conjugated System for Promoted Photocatalytic Hydrogen Production. <i>ChemCatChem</i> , <b>2019</b> , 11, 1534-1544	5.2	28
90	Unique nitrogen-deficient carbon nitride homojunction prepared by a facile inserting-removing strategy as an efficient photocatalyst for visible light-driven hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 269, 118778	21.8	28
89	Friedel-Crafts alkylation of 2-methylnaphthalene in room temperature ionic liquids. <i>Applied Catalysis A: General</i> , <b>2004</b> , 262, 69-73	5.1	28
88	Single Atomic Cu-N Catalytic Sites for Highly Active and Selective Hydroxylation of Benzene to Phenol. <i>IScience</i> , <b>2019</b> , 22, 97-108	6.1	28
87	Enhanced visible light photocatalytic non-oxygen coupling of amines to imines integrated with hydrogen production over Ni/CdS nanoparticles. <i>Catalysis Science and Technology</i> , <b>2018</b> , 8, 5148-5154	5.5	27

86	Carbon Nitride Encapsulated Nanodiamond Hybrid with Improved Catalytic Performance for Clean and Energy-Saving Styrene Production via Direct Dehydrogenation of Ethylbenzene. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 3355-3364	8.3	27
85	Efficient tuning of microstructure and surface chemistry of nanocarbon catalysts for ethylbenzene direct dehydrogenation. <i>AIChE Journal</i> , <b>2015</b> , 61, 2543-2561	3.6	26
84	Mesoporous CexMn1-xO2 composites as novel alternative carriers of supported Co3O4 catalysts for CO preferential oxidation in H2 stream. <i>International Journal of Hydrogen Energy</i> , <b>2012</b> , 37, 4774-4786	6.7	26
83	Garland-like intercalated carbon nitride prepared by an oxalic acid-mediated assembly strategy for highly-efficient visible-light-driven photoredox catalysis. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 278, 119342	21.8	26
82	Facile simultaneous defect production and O,N-doping of carbon nanotubes with unexpected catalytic performance for clean and energy-saving production of styrene. <i>Green Chemistry</i> , <b>2015</b> , 17, 3723-3727	10	25
81	Modulating the microstructure and surface chemistry of carbocatalysts for oxidative and direct dehydrogenation: A review. <i>Chinese Journal of Catalysis</i> , <b>2016</b> , 37, 644-670	11.3	25
80	Dry reforming of methane towards CO-rich hydrogen production over robust supported Ni catalyst on hierarchically structured monoclinic zirconia nanosheets. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 17907-17921	6.7	22
79	Alkylation of $\beta$ -methyl-naphthalene with long-chain olefins catalyzed by rare earth lanthanum modified HY zeolite. <i>Journal of Molecular Catalysis A</i> , <b>2006</b> , 250, 50-56		21
78	Friedel-Crafts alkylation of $\beta$ -methyl-naphthalene in the presence of ionic liquids. <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 222, 207-212		21
77	Employing a Nickel-Containing Supramolecular Framework as Ni Precursor for Synthesizing Robust Supported Ni Catalysts for Dry Reforming of Methane. <i>ChemCatChem</i> , <b>2016</b> , 8, 2939-2952	5.2	20
76	Direct alkenylation of aromatics with phenylacetylene over supported H3PW12O40 catalysts as a clean and highly efficient approach to producing $\beta$ -arylstyrenes. <i>Journal of Catalysis</i> , <b>2012</b> , 288, 44-53	7.3	20
75	NiW2C/mpg-C3N4 as a promising catalyst for selective hydrogenation of nitroarenes to corresponding aryl amines in the presence of Lewis acid. <i>Journal of Molecular Catalysis A</i> , <b>2015</b> , 398, 268-274		20
74	Sulphated mesoporous La2O3-ZrO2 composite oxide as an efficient and reusable solid acid catalyst for alkenylation of aromatics with phenylacetylene. <i>Applied Catalysis A: General</i> , <b>2015</b> , 503, 77-83	5.1	19
73	Supported Ni catalyst on a natural halloysite derived silica-alumina composite oxide with unexpected coke-resistant stability for steam-CO2 dual reforming of methane. <i>RSC Advances</i> , <b>2016</b> , 6, 49487-49496	3.7	19
72	Increased active sites and their accessibility of a N-doped carbon nanotube carbocatalyst with remarkably enhanced catalytic performance in direct dehydrogenation of ethylbenzene. <i>RSC Advances</i> , <b>2015</b> , 5, 53095-53099	3.7	18
71	Explosive decomposition of a melamine-cyanuric acid supramolecular assembly for fabricating defect-rich nitrogen-doped carbon nanotubes with significantly promoted catalysis. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 8004-9	4.8	18
70	Efficient cobalt-manganese oxide catalyst deposited on modified AC with unprecedented catalytic performance in CO preferential oxidation. <i>Catalysis Communications</i> , <b>2013</b> , 32, 47-51	3.2	18
69	The metal ion modified ionic liquids promoted free-solvent alkylations of $\beta$ -methyl-naphthalene with long-chain olefins. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 235, 74-80		18

68	Synergistic effect from Lewis acid and the NiW <sub>2</sub> C/AC catalyst for highly active and selective hydrogenation of aryl nitro to aryl amine. <i>RSC Advances</i> , <b>2014</b> , 4, 22669-22677	3.7	17
67	Effect of mineralizers for preparing ZrO <sub>2</sub> support on the supported Ni catalyst for steam-CO <sub>2</sub> bi-reforming of methane. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 6598-6609	6.7	16
66	Catalyst-Free Selective Oxidation of Diverse Olefins to Carbonyls in High Yield Enabled by Light under Mild Conditions. <i>Organic Letters</i> , <b>2019</b> , 21, 7726-7730	6.2	16
65	Nitrogen-doped carbon nanotubes via a facile two-step approach as an efficient catalyst for the direct dehydrogenation of ethylbenzene. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 18895-9	3.6	16
64	Facile, low-cost, and scalable fabrication of particle size and pore structure tuneable monodisperse mesoporous silica nanospheres as supports for advanced solid acid catalysts. <i>RSC Advances</i> , <b>2016</b> , 6, 9072-9081	3.7	16
63	HY zeolite catalyst for alkylation of 1-methylnaphthalene with long-chain alkenes. <i>Microporous and Mesoporous Materials</i> , <b>2006</b> , 93, 164-170	5.3	16
62	Alkylation of 1-methylnaphthalene with long-chain alkenes catalyzed by butylpyridinium bromochloroaluminate ionic liquids. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 231, 137-143		15
61	Effects of kinds of ionic liquid catalysts on alkylations of 1-and 2-methylnaphthalene with alkenes. <i>Applied Catalysis A: General</i> , <b>2005</b> , 290, 133-137	5.1	15
60	Mesostructured Co <sub>2</sub> ZrMnO composite as a potential catalyst for efficient removal of carbon monoxide from hydrogen-rich stream. <i>Catalysis Science and Technology</i> , <b>2013</b> , 3, 2130	5.5	14
59	On-line determination of 4-nitrophenol by combining molecularly imprinted solid-phase extraction and fiber-optic spectrophotometry. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 1873-9	3.4	14
58	Dynamic Interfacial Tension Between Crude Oil and Novel Surfactant Flooding Systems Without Alkali. <i>Petroleum Science and Technology</i> , <b>2006</b> , 24, 1469-1476	1.4	14
57	Visible-light-initiated one-pot clean synthesis of nitrobenzene and benzyl alcohol over CdS photocatalyst. <i>Journal of Catalysis</i> , <b>2019</b> , 370, 97-106	7.3	14
56	Modulating morphology and textural properties of ZrO <sub>2</sub> for supported Ni catalysts toward dry reforming of methane. <i>AIChE Journal</i> , <b>2017</b> , 63, 2900-2915	3.6	13
55	Combining iodic acid and nitric acid to fabricate carbon nitride tubes for enhanced hydrogen evolution under visible light. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 266-270	5.5	13
54	Effect of alkaline earth metals on catalytic performance of HY zeolite for alkylation of 1-methylnaphthalene with long-chain olefins. <i>Microporous and Mesoporous Materials</i> , <b>2006</b> , 94, 105-112	5.3	13
53	Nanodiamond@carbon nitride hybrid with loose porous carbon nitride layers as an efficient metal-free catalyst for direct dehydrogenation of ethylbenzene. <i>Applied Catalysis A: General</i> , <b>2019</b> , 571, 82-88	5.1	13
52	The supported CeO <sub>2</sub> /Co <sub>3</sub> O <sub>4</sub> /MnO <sub>2</sub> /CeO <sub>2</sub> catalyst on activated carbon prepared by a successive-loading approach with superior catalytic activity and selectivity for CO preferential oxidation in H <sub>2</sub> -rich stream. <i>Catalysis Communications</i> , <b>2014</b> , 48, 24-28	3.2	12
51	Supported phosphotungstic acid catalyst on modified activated carbon for Friedel-Crafts alkenylation of diverse aromatics to their corresponding 1-arylstyrenes. <i>Applied Catalysis A: General</i> , <b>2015</b> , 503, 103-110	5.1	11

50	Supported phosphotungstic acid catalyst on mesoporous carbon with bimodal pores: A superior catalyst for Friedel-Crafts alkenylation of aromatics with phenylacetylene. <i>Applied Catalysis A: General</i> , <b>2016</b> , 526, 139-146	5.1	11
49	Modified natural halloysite nanotube solely employed as an efficient and low-cost solid acid catalyst for alpha-arylstyrenes production via direct alkenylation. <i>Applied Catalysis A: General</i> , <b>2016</b> , 513, 1-8	5.1	11
48	Dynamic Interfacial Behavior of Decyl Methyl-naphthalene Sulfonate Surfactants for Enhanced Oil Recovery. <i>Tenside, Surfactants, Detergents</i> , <b>2004</b> , 41, 225-229	1	11
47	Morphology effect of zirconia support on the catalytic performance of supported Ni catalysts for dry reforming of methane. <i>Chinese Journal of Catalysis</i> , <b>2016</b> , 37, 2122-2133	11.3	11
46	Unexpected coke-resistant stability in steam-CO <sub>2</sub> dual reforming of methane over the robust Mo <sub>2</sub> C-Ni/ZrO <sub>2</sub> catalyst. <i>Catalysis Communications</i> , <b>2019</b> , 119, 71-75	3.2	11
45	Novel Co-Mn-O nanosheet catalyst for CO preferential oxidation toward hydrogen purification. <i>AIChE Journal</i> , <b>2015</b> , 61, 239-252	3.6	10
44	Facile and Scalable Fabrication of Porous g-C <sub>3</sub> N <sub>4</sub> Nanosheets with Nitrogen Defects and Oxygen-Doping for Synergistically Promoted Visible Light Photocatalytic H <sub>2</sub> Evolution. <i>Energy Technology</i> , <b>2019</b> , 7, 1800886	3.5	10
43	Direct coating copper-incubated aluminum oxalate with H-ZSM-5 to fabricate a highly efficient capsule-structured bifunctional catalyst for dimethyl ether production from syngas. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 3763-3770	5.5	9
42	Glucose-Assisted Preparation of a Nickel-Molybdenum Carbide Bimetallic Catalyst for Chemoselective Hydrogenation of Nitroaromatics and Hydrodeoxygenation of m-Cresol. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 3579-3589	5.6	9
41	Hierarchically nanoporous Co-Mn-FeOx as a high performance catalyst for CO preferential oxidation in H <sub>2</sub> -rich stream. <i>Catalysis Communications</i> , <b>2014</b> , 46, 28-31	3.2	9
40	H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> /MCM-41 Mesoporous Solid Acids as Promising Catalysts for the Alkenylation of p-Xylene with Phenylacetylene. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , <b>2013</b> , 35, 1761-1769	1.6	9
39	Liquid-phase cascade acylation/dehydration over various zeolite catalysts to synthesize 2-methylanthraquinone through an efficient one-pot strategy. <i>Journal of Catalysis</i> , <b>2009</b> , 268, 376-383	7.3	9
38	Capsule-Structured Copper-Zinc Catalyst for Highly Efficient Hydrogenation of Carbon Dioxide to Methanol. <i>ChemSusChem</i> , <b>2019</b> , 12, 4916-4926	8.3	8
37	Alkylation of 1-Methylnaphthalene with Long-Chain Olefins over Large-Pore Zeolites. <i>Catalysis Letters</i> , <b>2004</b> , 98, 145-151	2.8	8
36	Defect-Enriched N,O-Codoped Nanodiamond/Carbon Nanotube Catalysts for Styrene Production via Dehydrogenation of Ethylbenzene. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 2152-2159	5.6	7
35	Ceria-modified hierarchical H <sub>2</sub> zeolite as a robust solid acid catalyst for alkenylation of p-xylene with phenylacetylene. <i>Chinese Journal of Catalysis</i> , <b>2018</b> , 39, 181-189	11.3	7
34	Peony-like Pentahedral Al(III)-Enriched Alumina Nanosheets for the Dehydrogenation of Propane. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 5833-5840	5.6	7
33	Bismuth effect on the Co-Mn/Ce <sub>0.85</sub> Zr <sub>0.15</sub> O <sub>2</sub> nanoparticulate for CO preferential oxidation in simulated syngas. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 1873-1882	6.7	7



32	An efficient method for the alkylation of $\beta$ -methyl-naphthalene with various alkylating agents using methanesulfonic acid as novel catalysts and solvents. <i>Catalysis Letters</i> , <b>2005</b> , 102, 219-222	2.8	7
31	Hierarchical superhydrophilic/superaerophobic CoMnP/Ni <sub>2</sub> P nanosheet-based microplate arrays for enhanced overall water splitting. <i>Journal of Materials Chemistry A</i> ,	13	7
30	Hierarchical H <sub>2</sub> zeolite as a highly efficient solid acid catalyst for alkenylation of p-xylene with phenylacetylene. <i>Chemical Engineering Science</i> , <b>2019</b> , 201, 25-33	4.4	6
29	Hierarchically structured tetragonal zirconia as a promising support for robust Ni based catalysts for dry reforming of methane. <i>RSC Advances</i> , <b>2016</b> , 6, 72942-72951	3.7	6
28	Photocatalytic Chemoselective Transfer Hydrogenation of Quinolines to Tetrahydroquinolines on Hierarchical NiO/In <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> Microspheres. <i>ACS Catalysis</i> , <b>2021</b> , 11, 13408-13415	13.1	6
27	The supported sulphated La <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> on SBA-15 as a promising mesoporous solid superacid catalyst for alkenylation of p-xylene with phenylacetylene. <i>Catalysis Communications</i> , <b>2017</b> , 93, 53-56	3.2	5
26	Efficient supported Pt-Sn catalyst on carambola-like alumina for direct dehydrogenation of propane to propene. <i>Molecular Catalysis</i> , <b>2019</b> , 477, 110543	3.3	5
25	HY zeolite promoted free-solvent alkylation of $\beta$ -methyl-naphthalene with long chain olefins in liquid-solid intermittent reaction. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 241, 194-198		5
24	Tuning of the textural features and acidic properties of sulfated mesoporous lanthana-zirconia solid acid catalysts for alkenylation of diverse aromatics to their corresponding $\beta$ -arylstyrenes. <i>Chinese Journal of Catalysis</i> , <b>2016</b> , 37, 1303-1313	11.3	5
23	Dynamic Interfacial Tension between Crude Oil and Dodecylmethyl-naphthalene Sulfonate Surfactant Flooding Systems. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , <b>2007</b> , 29, 207-215	1.6	4
22	Synthesis and Surface Activity of Alkyl-Methyl-naphthalene Sulfonate Surfactants. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , <b>2005</b> , 27, 1277-1283		4
21	Implanting Copper-Zinc Nanoparticles into the Matrix of Mesoporous Alumina as a Highly Selective Bifunctional Catalyst for Direct Synthesis of Dimethyl Ether from Syngas. <i>ChemCatChem</i> , <b>2020</b> , 12, 1276-1281	5.2	4
20	Efficient Electronic Modulation of g-C <sub>3</sub> N <sub>4</sub> Photocatalyst by Implanting Single-Atom Ag-N <sub>3</sub> for Extremely High Hydrogen Evolution Rate. <i>CCS Chemistry</i> , 1-36	7.2	4
19	Selective transfer hydrogenation coupling of nitroaromatics to azoxy/azo compounds by electron-enriched single Ni-N <sub>4</sub> sites on mesoporous N-doped carbon. <i>Chemical Engineering Journal</i> , <b>2022</b> , 443, 136416	14.7	4
18	Catalytic Conversion of Carbon Oxides in Confined Spaces: Status and Prospects. <i>ChemCatChem</i> , <b>2020</b> , 12, 3960-3981	5.2	3
17	Three-Dimensional Interconnected Porous Nitrogen-Doped Carbon Hybrid Foam for Notably Promoted Direct Dehydrogenation of Ethylbenzene to Styrene. <i>ChemCatChem</i> , <b>2019</b> , 11, 4830-4840	5.2	3
16	Mesoporous silica nanosphere with open-mouth stellate pore architecture as a promising carrier for highly active solid acid catalysts. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 236, 121821	4.4	3
15	Highly efficient and clean synthesis of 1-amino-2-acetylanthraquinone by copper-catalyzed reductive cleavage of isoxazole motif. <i>Chinese Journal of Catalysis</i> , <b>2014</b> , 35, 319-323	11.3	3

- 14 Synthesis and Interfacial Behavior of Decyl Methylnaphthalene Sulfonate. *Petroleum Science and Technology*, **2006**, 24, 595-606 1.4 3
- 13 Sulfate Surfactant Assisted Approach to Fabricate Sulphur-Doped Supported Nanodiamond Catalyst on Carbon Nanotube with Unprecedented Catalysis for Ethylbenzene Dehydrogenation. *ChemCatChem*, **2020**, 12, 342-349 5.2 3
- 12 A mutually isolated nanodiamond/porous carbon nitride nanosheet hybrid with enriched active sites for promoted catalysis in styrene production. *Catalysis Science and Technology*, **2020**, 10, 1048-1055 5.5 3
- 11 Spherical hollow mesoporous silica supported phosphotungstic acid as a promising catalyst for styrenes synthesis via Friedel-Crafts alkenylation. *Chinese Chemical Letters*, **2019**, 30, 729-734 8.1 3
- 10 Dynamic Interfacial Tension Between Crude Oil and Octylmethylnaphthalene Sulfonate Solution. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 1397-1403 1.6 2
- 9 Studies on Dynamic Interfacial Tension between Crude Oil and Novel Surfactant Solutions with Buffered Alkali. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2007**, 29, 537-547 1.6 2
- 8 Ethanol as a Binder to Fabricate a Highly-Efficient Capsule-Structured CuO $\gamma$ -Al<sub>2</sub>O<sub>3</sub>@HZSM-5 Catalyst for Direct Production of Dimethyl Ether from Syngas. *ChemCatChem*, **2020**, 12, 999-1006 5.2 2
- 7 Poly(imidazolium-methylene)-Assisted Grinding Strategy to Prepare Nanocarbon-Embedded Network Monoliths for Carbocatalysis. *ACS Catalysis*, **2020**, 10, 14604-14614 13.1 2
- 6 Ni Nanoparticles Grown on SiO<sub>2</sub> Supports Using a Carbon Interlayer Sacrificial Strategy for Chemoselective Hydrogenation of Nitrobenzene and m-Cresol. *ACS Applied Nano Materials*, **2021**, 4, 9353-9360 5.6 2
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