Rizhi Chen

List of Publications by Year
in descending order

131 papers	3,748 citations	159585 30 h-index	161849 54 g-index
132 all docs	132 docs citations	132 times ranked	4051 citing authors

#	Article	IF	Citations
1	A two-dimensional zeolitic imidazolate framework with a cushion-shaped cavity for CO2 adsorption. Chemical Communications, 2013, 49, 9500.	4.1	514
2	Synthesis of p-aminophenol from p-nitrophenol over nano-sized nickel catalysts. Applied Catalysis A: General, 2004, 277, 259-264.	4.3	301
3	High-yield synthesis of zeolitic imidazolate frameworks from stoichiometric metal and ligand precursor aqueous solutions at room temperature. CrystEngComm, 2013, 15, 3601.	2.6	149
4	Oriented two-dimensional zeolitic imidazolate framework-L membranes and their gas permeation properties. Journal of Materials Chemistry A, 2015, 3, 15715-15722.	10.3	149
5	Direct synthesis of zeolitic imidazolate framework-8/chitosan composites in chitosan hydrogels. Microporous and Mesoporous Materials, 2013, 165, 200-204.	4.4	104
6	Fabrication of Pd@ZIF-8 catalysts with different Pd spatial distributions and their catalytic properties. Chemical Engineering Journal, 2016, 296, 146-153.	12.7	76
7	Pd nanoparticles supported on N-doped porous carbons derived from ZIF-67: Enhanced catalytic performance in phenol hydrogenation. Journal of Industrial and Engineering Chemistry, 2017, 46, 258-265.	5.8	65
8	Hydrogenation and Hydrolysis of Furfural to Furfuryl Alcohol, Cyclopentanone, and Cyclopentanol with a Heterogeneous Copper Catalyst in Water. Industrial & Engineering Chemistry Research, 2019, 58, 3988-3993.	3.7	61
9	Bimetallic PtFe-Catalyzed Selective Hydrogenation of Furfural to Furfuryl Alcohol: Solvent Effect of Isopropanol and Hydrogen Activation. ACS Sustainable Chemistry and Engineering, 2020, 8, 12722-12730.	6.7	61
10	Solvent effect on hydrogenolysis of glycerol to 1,2-propanediol over Cuâ€“ZnO catalyst. Chemical Engineering Journal, 2015, 264, 344-350.	12.7	57
11	Infiltration of precursors into a porous alumina support for ZIF-8 membrane synthesis. Microporous and Mesoporous Materials, 2013, 168, 15-18.	4.4	55
12	One-step semi-continuous cyclohexanone production via hydrogenation of phenol in a submerged ceramic membrane reactor. Chemical Engineering Journal, 2016, 284, 724-732.	12.7	52
13	Carbon composite membrane derived from a two-dimensional zeolitic imidazolate framework and its gas separation properties. Carbon, 2014, 72, 242-249.	10.3	47
14	Effect of initial solution apparent pH on nano-sized nickel catalysts in p-nitrophenol hydrogenation. Chemical Engineering Journal, 2009, 145, 371-376.	12.7	44
15	Poisoning effect of some nitrogen compounds on nano-sized nickel catalysts in p-nitrophenol hydrogenation. Chemical Engineering Journal, 2006, 125, 9-14.	12.7	42
16	A submerged membrane reactor for continuous phenol hydroxylation over TSâ€1. AICHE Journal, 2008, 54, 1842-1849.	3.6	42
17	Selective hydrogenation of phenol to cyclohexanone in water over Pd@N-doped carbons derived from ZIF-67: Role of dicyandiamide. Applied Surface Science, 2017, 425, 484-491.	6.1	41
18	Selective hydrogenation of phenol to cyclohexanone over Pd@CN (N-doped porous carbon): Role of catalyst reduction method. Applied Surface Science, 2018, 435, 649-655.	6.1	40

#	Article	IF	Citations
19	Fabrication of Poly(Î³-glutamic acid)-coated Fe3O4 Magnetic Nanoparticles and Their Application in Heavy Metal Removal. Chinese Journal of Chemical Engineering, 2013, 21, 1244-1250.	3.5	37
20	Extremely Efficient and Recyclable Absorbents for Oily Pollutants Enabled by Ultrathin-Layered Functionalization. ACS Applied Materials & Interfaces, 2014, 6, 18816-18823.	8.0	37
21	Integration of ceramic membrane microfiltration with powdered activated carbon for advanced treatment of oil-in-water emulsion. Separation and Purification Technology, 2011, 76, 373-377.	7.9	36
22	Palladium nanoparticles supported on a two-dimensional layered zeolitic imidazolate framework-L as an efficient size-selective catalyst. Microporous and Mesoporous Materials, 2016, 221, 220-227.	4.4	36
23	Heterogeneous cobalt catalysts for selective oxygenation of alcohols to aldehydes, esters and nitriles. RSC Advances, 2017, 7, 1498-1503.	3.6	36
24	Fabrication and Catalytic Properties of Palladium Nanoparticles Deposited on a Silanized Asymmetric Ceramic Support. Industrial & Engineering Chemistry Research, 2011, 50, 4405-4411.	3.7	35
25	Controlled synthesis of TiO 2 nanorod arrays immobilized on ceramic membranes with enhanced photocatalytic performance. Ceramics International, 2017, 43, 7261-7270.	4.8	35
26	Heterogeneous cobalt catalysts for reductive amination with H₂: general synthesis of secondary and tertiary amines. RSC Advances, 2016, 6, 94068-94073.	3.6	34
27	Turning surface properties of Pd/N-doped porous carbon by trace oxygen with enhanced catalytic performance for selective phenol hydrogenation to cyclohexanone. Applied Catalysis A: General, 2019, 588, 117306.	4.3	34
28	Effect of Alumina Particle Size on Ni/Al2O3 Catalysts for p-Nitrophenol Hydrogenation. Chinese Journal of Chemical Engineering, 2007, 15, 884-888.	3.5	33
29	Preparation of Pdâ€“B/TiO2 amorphous alloy catalysts and their performance on liquid-phase hydrogenation of p-nitrophenol. Chemical Engineering Journal, 2008, 138, 517-522.	12.7	33
30	Fabrication of ceramic membrane supported palladium catalyst and its catalytic performance in liquid-phase hydrogenation reaction. Chemical Engineering Journal, 2017, 313, 1556-1566.	12.7	33
31	The Effect of Titania Structure on Ni/TiO2 Catalysts for p-Nitrophenol Hydrogenation. Chinese Journal of Chemical Engineering, 2006, 14, 665-669.	3.5	32
32	Continuous Acetone Ammoximation over TS-1 in a Tubular Membrane Reactor. Industrial & Engineering Chemistry Research, 2010, 49, 6309-6316.	3.7	32
33	A Novel Dual-Membrane Reactor for Continuous Heterogeneous Oxidation Catalysis. Industrial & Engineering Chemistry Research, 2011, 50, 10458-10464.	3.7	30
34	Preparation and Characterization of Fe2O3/Ammonium Perchlorate (AP) Nanocomposites through Ceramic Membrane Anti-Solvent Crystallization. Propellants, Explosives, Pyrotechnics, 2012, 37, 183-190.	1.6	30
35	Synthesis of Pd@ZIF-8 via an assembly method: Influence of the molar ratios of Pd/Zn2+ and 2-methylimidazole/Zn2+. Microporous and Mesoporous Materials, 2016, 225, 33-40.	4.4	30
36	Tuning surface properties of N-doped carbon with TiO2 nano-islands for enhanced phenol hydrogenation to cyclohexanone. Applied Surface Science, 2019, 488, 555-564.	6.1	30

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37	Progress on Porous Ceramic Membrane Reactors for Heterogeneous Catalysis over Ultrafine and Nano-sized Catalysts. Chinese Journal of Chemical Engineering, 2013, 21, 205-215.	3.5	29
38	Well-Defined MOF-Derived Hierarchically Porous N-Doped Carbon Materials for the Selective Hydrogenation of Phenol to Cyclohexanone. Industrial & Engineering Chemistry Research, 2021, 60, 5806-5815.	3.7	28
39	Chemoselective Transfer Hydrogenation of Aldehydes and Ketones with a Heterogeneous Iridium Catalyst in Water. Catalysis Letters, 2015, 145, 1008-1013.	2.6	27
40	Highly efficient palladium catalysts supported on nitrogen contained polymers for Suzuki-Miyaura reaction. Catalysis Communications, 2016, 82, 24-28.	3.3	27
41	Insights into deactivation mechanism of Cuâ€“ZnO catalyst in hydrogenolysis of glycerol to 1,2-propanediol. Journal of Industrial and Engineering Chemistry, 2016, 35, 262-267.	5.8	27
42	Continuous and complete conversion of high concentration pâ€nitrophenol in a flowâ€through membrane reactor. AIChE Journal, 2019, 65, e16692.	3.6	27
43	Palladium-Catalyzed Intermolecular Polarity-Mismatched Addition of Unactivated Alkyl Radicals to Unactivated Alkenes. ACS Catalysis, 2020, 10, 14107-14116.	11.2	27
44	Preparation and characterization of superfine ammonium perchlorate (AP) crystals through ceramic membrane anti-solvent crystallization. Journal of Crystal Growth, 2009, 311, 4575-4580.	1.5	26
45	Preparation of Palladium Nanoparticles Deposited on a Silanized Hollow Fiber Ceramic Membrane Support and Their Catalytic Properties. Industrial & Engineering Chemistry Research, 2013, 52, 5002-5008.	3.7	26
46	Large scale preparation of microbubbles by multiâ€channel ceramic membranes: Hydrodynamics and mass transfer characteristics. Canadian Journal of Chemical Engineering, 2017, 95, 2176-2185.	1.7	26
47	Pd Nanoparticles Loaded on Two-Dimensional Covalent Organic Frameworks with Enhanced Catalytic Performance for Phenol Hydrogenation. Industrial & Engineering Chemistry Research, 2020, 59, 18489-18499.	3.7	26
48	Enhanced Catalytic Properties of Palladium Nanoparticles Deposited on a Silanized Ceramic Membrane Support with a Flow-Through Method. Industrial & Engineering Chemistry Research, 2013, 52, 14099-14106.	3.7	25
49	Insights into deactivation mechanism of Pd@CN catalyst in the liquid-phase hydrogenation of phenol to cyclohexanone. Journal of Industrial and Engineering Chemistry, 2017, 53, 333-340.	5.8	24
50	The hydroxylation of benzene to phenol over heteropolyacid encapsulated in silica. Catalysis Communications, 2014, 55, 34-37.	3.3	23
51	A Dual-Membrane Airlift Reactor for Cyclohexanone Ammoximation over Titanium Silicalite-1. Industrial & Engineering Chemistry Research, 2014, 53, 6372-6379.	3.7	22
52	Selective and recyclable rhodium nanocatalysts for the reductive N-alkylation of nitrobenzenes and amines with aldehydes. RSC Advances, 2015, 5, 56936-56941.	3.6	22
53	Controllable Structure and Basic Sites of Pd@N-Doped Carbon Derived from Co/Zn-ZIFs: Role of Co. Industrial & Engineering Chemistry Research, 2019, 58, 14678-14687.	3.7	22
54	Microbubble generation with shear flow on large-area membrane for fine particle flotation. Chemical Engineering and Processing: Process Intensification, 2019, 145, 107671.	3.6	22

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55	Effect of Catalyst Morphology on the Performance of Submerged Nanocatalysis/Membrane Filtration System. Industrial & Engineering Chemistry Research, 2009, 48, 6600-6607.	3.7	21
56	Synthesis of p-aminophenol from p-nitrophenol reduction over Pd@ZIF-8. Reaction Kinetics, Mechanisms and Catalysis, 2016, 117, 307-317.	1.7	21
57	Scouring-ball effect of microsized silica particles on operation stability of the membrane reactor for acetone ammoximation over TS-1. Chemical Engineering Journal, 2010, 156, 418-422.	12.7	20
58	Insights into membrane fouling of a side-stream ceramic membrane reactor for phenol hydroxylation over ultrafine TS-1. Chemical Engineering Journal, 2014, 239, 373-380.	12.7	20
59	Enhanced phenol hydrogenation for cyclohexanone production by membrane dispersion. Chemical Engineering Journal, 2020, 386, 120744.	12.7	20
60	Highly Efficient Phenol Hydrogenation to Cyclohexanone over Pd@CN-rGO in Aqueous Phase. Industrial & Engineering Chemistry Research, 2020, 59, 10768-10777.	3.7	20
61	Synthesis of ZIF-67 derived Co-based catalytic membrane for highly efficient reduction of p-nitrophenol. Chemical Engineering Science, 2022, 248, 117160.	3.8	20
62	Selective-swelling-induced porous block copolymers and their robust TiO2 replicas via atomic layer deposition for antireflective applications. Journal of Materials Chemistry C, 2013, 1, 5133.	5.5	18
63	Palladium nanoparticles in cross-linked polyaniline as highly efficient catalysts for Suzuki-Miyaura reactions. Chinese Journal of Catalysis, 2017, 38, 589-596.	14.0	18
64	A Side-Stream Catalysis/Membrane Filtration System for the Continuous Liquid-Phase Hydrogenation of Phenol over Pd@CN to Produce Cyclohexanone. Industrial & Engineering Chemistry Research, 2017, 56, 11755-11762.	3.7	18
65	Enhanced catalytic properties of Pd nanoparticles by their deposition on ZnO-coated ceramic membranes. RSC Advances, 2016, 6, 2087-2095.	3.6	17
66	Hierarchical Pd/UiO-66-NH2-SiO2 nanofibrous catalytic membrane for highly efficient removal of p-nitrophenol. Separation and Purification Technology, 2021, 279, 119731.	7.9	17
67	Adding Microsized Silica Particles to the Catalysis/Ultrafiltration System: Catalyst Dissolution Inhibition and Flux Enhancement. Industrial & Engineering Chemistry Research, 2009, 48, 4933-4938.	3.7	16
68	Liquid phase hydroxylation of benzene to phenol over vanadyl acetylacetonate supported on amine functionalized SBA-15. Reaction Kinetics, Mechanisms and Catalysis, 2015, 116, 535-547.	1.7	16
69	Temperature-dependent synthesis of Pd@ZIF-L catalysts via an assembly method. Microporous and Mesoporous Materials, 2017, 243, 16-21.	4.4	16
70	Catalytic activity of palladium nanoparticles immobilized on an amino-functionalized ceramic membrane support. Chinese Journal of Catalysis, 2014, 35, 1990-1996.	14.0	15
71	A submerged catalysis/membrane filtration system for hydrogenolysis of glycerol to 1,2-propanediol over Cuâ€“ZnO catalyst. Journal of Membrane Science, 2015, 489, 135-143.	8.2	15
72	Efficient Control of Microbubble Properties by Alcohol Shear Flows in Ceramic Membrane Channels. Chemical Engineering and Technology, 2018, 41, 168-174.	1.5	15

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73	Selective Reduction of Nitroarenes with Molybdenum Disulfide. Chinese Journal of Chemistry, 2013, 31, 987-991.	4.9	14
74	Controllable Synthesis of Pd-ZIF-L-GO: The Role of Drying Temperature. Industrial & Engineering Chemistry Research, 2021, 60, 4847-4859.	3.7	13
75	Porous Membrane Reactors for Liquid-Phase Heterogeneous Catalysis. Industrial & Engineering Chemistry Research, 2021, 60, 8969-8990.	3.7	13
76	A simple and versatile synthesis strategy of hollow MOFs for CO₂ separation and catalysis. Chemical Communications, 2022, 58, 7944-7947.	4.1	13
77	High efficient synthesis of methyl ethyl ketone oxime from ammoximation of methyl ethyl ketone over TS-1 in a ceramic membrane reactor. Chemical Engineering and Processing: Process Intensification, 2017, 116, 1-8.	3.6	12
78	Deactivation mechanism of beta-zeolite catalyst for synthesis of cumene by benzene alkylation with isopropanol. Chinese Journal of Chemical Engineering, 2017, 25, 1195-1201.	3.5	12
79	Role of initial water content in glycerol hydrogenolysis to 1,2-propanediol over Cuâ€“ZnO catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2017, 122, 1129-1143.	1.7	12
80	Matching Relationship Between Carbon Material and Pd Precursor. Catalysis Letters, 2019, 149, 813-822.	2.6	12
81	Phenol hydrogenation to cyclohexanone over palladium nanoparticles loaded on charming activated carbon adjusted by facile heat treatment. Chinese Journal of Chemical Engineering, 2020, 28, 2600-2606.	3.5	12
82	Flexible hierarchical Pd/SiO₂-TiO₂ nanofibrous catalytic membrane for complete and continuous reduction of p-nitrophenol. Journal of Experimental Nanoscience, 2021, 16, 62-80.	2.4	12
83	Hierarchical Pd@ZIFs as Efficient Catalysts for p-Nitrophenol Reduction. Industrial & Engineering Chemistry Research, 2021, 60, 15045-15055.	3.7	12
84	Enhanced phenol hydroxylation with oxygen using a ceramic membrane distributor. Chinese Journal of Catalysis, 2013, 34, 200-208.	14.0	11
85	Controllable synthesis of Pd@ZIF-L catalysts by an assembly method. RSC Advances, 2016, 6, 21337-21344.	3.6	11
86	Membrane Based Gasâ€“Liquid Dispersion Integrated in Fixed-Bed Reactor: A Highly Efficient Technology for Heterogeneous Catalysis. Industrial & Engineering Chemistry Research, 2018, 57, 158-168.	3.7	11
87	Pilot-Scale Cyclohexanone Production through Phenol Hydrogenation over Pd/CN in a Continuous Ceramic Membrane Reactor. Industrial & Engineering Chemistry Research, 2020, 59, 13848-13851.	3.7	11
88	Pd Nanoparticles Loaded on Ceramic Membranes by Atomic Layer Deposition with Enhanced Catalytic Properties. Industrial & Engineering Chemistry Research, 2020, 59, 19564-19573.	3.7	11
89	Palladium Nanoparticles Anchored on COFs Prepared by Simple Calcination for Phenol Hydrogenation. Industrial & Engineering Chemistry Research, 2021, 60, 13523-13533.	3.7	11
90	Pd nanoparticles decorated ZIFs/polymer core-shell nanofibers derived hierarchically porous N-doped carbon for efficient catalytic conversion of phenol. Applied Catalysis A: General, 2022, 634, 118538.	4.3	11

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91	One-step Continuous Phenol Synthesis Technology via Selective Hydroxylation of Benzene over Ultrafine TS-1 in a Submerged Ceramic Membrane Reactor. Chinese Journal of Chemical Engineering, 2014, 22, 1199-1207.	3.5	10
92	Highly efficient synthesis of cumene via benzene isopropylation over nano-sized beta zeolite in a submerged ceramic membrane reactor. Separation and Purification Technology, 2016, 170, 49-56.	7.9	10
93	Immobilized palladium nanoparticles within polymers as active catalysts for Suzukiâ€“Miyaura reaction. RSC Advances, 2016, 6, 16899-16903.	3.6	10
94	Facile synthesis of hierarchically porous carbons by controlling the initial oxygen concentration in-situ carbonization of ZIF-8 for efficient water treatment. Chinese Journal of Chemical Engineering, 2018, 26, 2523-2530.	3.5	10
95	Pd Nanoparticles Immobilized in Layered ZIFs as Efficient Catalysts for Heterogeneous Catalysis. Industrial & Engineering Chemistry Research, 2019, 58, 20553-20561.	3.7	10
96	Selective catalytic hydrogenation of phenol to cyclohexanone over Pd@CN: Role of CN precursor separation mode. Canadian Journal of Chemical Engineering, 2019, 97, 1506-1514.	1.7	10
97	Pd nanoparticles immobilized on TiO2 nanotubes-functionalized ceramic membranes for flow-through catalysis. Korean Journal of Chemical Engineering, 2019, 36, 385-392.	2.7	10
98	Fabrication of Pd@N-doped porous carbon-TiO2 as a highly efficient catalyst for the selective hydrogenation of phenol to cyclohexanone in water. Reaction Kinetics, Mechanisms and Catalysis, 2019, 126, 463-476.	1.7	10
99	Template-free synthesis of TS-1 zeolite film on tubular mullite support. Applied Surface Science, 2011, 257, 1928-1931.	6.1	9
100	Fabrication of palladium nanoparticles immobilized on an amine-functionalized ceramic membrane support using a nanoparticulate colloidal impregnation method with enhanced catalytic properties. Korean Journal of Chemical Engineering, 2015, 32, 1759-1765.	2.7	9
101	Organic Solventâ€Free Process forÂCyclohexanone Ammoximation by a Ceramic Membrane Distributor. Chemical Engineering and Technology, 2016, 39, 883-890.	1.5	9
102	High catalytic efficiency of <scp>Pd</scp> nanoparticles immobilized on <scp>TiO</scp>₂ nanorodsâ€coated ceramic membranes. Canadian Journal of Chemical Engineering, 2017, 95, 2374-2382.	1.7	9
103	Controlling microbubbles in alcohol solutions by using a multiâ€channel ceramic membrane distributor. Journal of Chemical Technology and Biotechnology, 2018, 93, 2456-2463.	3.2	9
104	Hierarchical Pd@PC-COFs as Efficient Catalysts for Phenol Hydrogenation. Industrial & Engineering Chemistry Research, 2022, 61, 4534-4545.	3.7	9
105	Computational Fluid Dynamics Simulation of a Novel Membrane Distributor of Bubble Columns for Generating Microbubbles. Industrial & Engineering Chemistry Research, 2019, 58, 1087-1094.	3.7	8
106	ZIF-Derived Co/Zn Bimetallic Catalytic Membrane with Abundant CNTs for Highly Efficient Reduction of p-Nitrophenol. Industrial & Engineering Chemistry Research, 2022, 61, 7862-7873.	3.7	8
107	Model Study on a Submerged Catalysis/Membrane Filtration System for Phenol Hydroxylation Catalyzed by TS-1. Chinese Journal of Chemical Engineering, 2009, 17, 648-653.	3.5	7
108	Continuous phenol hydroxylation over ultrafine TS-1 in a side-stream ceramic membrane reactor. Korean Journal of Chemical Engineering, 2013, 30, 852-859.	2.7	7

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109	Pd Nanoparticles Supported on Hierarchically Porous Carbon Nanofibers as Efficient Catalysts for Phenol Hydrogenation. Catalysis Letters, 2022, 152, 340-352.	2.6	7
110	Two-dimensional N-doped Pd/carbon for highly efficient heterogeneous catalysis. Chemical Communications, 2022, 58, 1422-1425.	4.1	7
111	Catalytic mechanism and reaction pathway of acetone ammoximation to acetone oxime over TS-1. Korean Journal of Chemical Engineering, 2010, 27, 1423-1427.	2.7	6
112	Preparation of well-dispersed and anti-oxidized Ni nanoparticles using polyamioloamine dendrimers as templates and their catalytic activity in the hydrogenation of p-nitrophenol to p-aminophenol. Korean Journal of Chemical Engineering, 2011, 28, 717-722.	2.7	6
113	Controllable Synthesis of 1D Pd@N-CNFs with High Catalytic Performance for Phenol Hydrogenation. Catalysis Letters, 2021, 151, 1013-1024.	2.6	6
114	Catalytic base-controlled regiodivergent heteronucleophilic hydrofunctionalization of Î²,Î³-unsaturated amides. Chemical Communications, 2021, 57, 9756-9759.	4.1	6
115	Selective phenol hydrogenation to cyclohexanone over Pd@N-doped porous carbon: role of storage under air of recovered catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2018, 125, 605-617.	1.7	5
116	Chemo- and regioselective nucleophilic hydrofunctionalization of unactivated aliphatic alkenes under transition-metal-free catalysts. Green Chemistry, 2021, 23, 3250-3255.	9.0	5
117	Kinetics of liquid-phase phenol hydrogenation enhanced by membrane dispersion. Chemical Engineering Science, 2022, 249, 117346.	3.8	5
118	Nickel-Catalyzed Chemo- and Regioselective Arylcyanation of Î²,Î³-Unsaturated Amides. Organic Letters, 2022, 24, 4328-4332.	4.6	5
119	Insights into the Stability of Pd/CN Catalyst in Liquid Phase Hydrogenation of Phenol to Cyclohexanone: Role of Solvent. Catalysis Letters, 2019, 149, 3087-3096.	2.6	4
120	Pd-ZIF-L-GO ternary nanolaminates for enhanced heterogeneous catalysis. 2D Materials, 2020, 7, 015001.	4.4	4
121	Bubble dynamics and mass transfer characteristics from an immersed orifice plate. Journal of Chemical Technology and Biotechnology, 2020, 95, 1729-1738.	3.2	4
122	Controllable synthesis of hollow ZIF-8 microspheres via interface reaction with enhanced CO2 adsorption. Journal of Solid State Chemistry, 2022, 309, 123017.	2.9	4
123	Effect of initial solution apparent pH on the performance of submerged hybrid system for the p-nitrophenol hydrogenation. Korean Journal of Chemical Engineering, 2009, 26, 1580-1584.	2.7	2
124	Efficient recovery of ultrafine catalysts from oil/water/solid three-phase system by ceramic microfiltration membrane. Korean Journal of Chemical Engineering, 2016, 33, 2453-2459.	2.7	2
125	Nb2O5 promoted Pd/AC catalyst for selective phenol hydrogenation to cyclohexanone. Chinese Journal of Chemical Engineering, 2022, 44, 87-93.	3.5	2
126	Modeling and Simulation of Hydrodynamics and Filtration in a Membraneâ€Assisted Stirred Slurry Reactor. Chemical Engineering and Technology, 2021, 44, 1548-1557.	1.5	2

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127	Insights into Microstructure and Surface Properties of Pd/C for Liquid Phase Phenol Hydrogenation to Cyclohexanone. Catalysis Letters, 2023, 153, 208-218.	2.6	2
128	Rebound behaviors of hydrophilic particle on gas bubble: effect of particle size and liquid properties. Journal of Chemical Technology and Biotechnology, 2021, 96, 2400.	3.2	1
129	è†œä¸Žè†œåå¤”å™¨: çŽ°çŠ¶ã€æŒ‘æ˜¯ä¸Žæœºé‡. Scientia Sinica Chimica, 2014, 44, 1469-1480.	0.4	1
130	10.2478/s11814-009-0273-9. , 2011, 26, 1580.		1
131	Controllable synthesis of Pd-zeolitic imidazolate framework-porous graphene oxide (Pd-ZIF-pGO) with enhanced catalytic properties for the reduction of nitroarenes. Reaction Kinetics, Mechanisms and Catalysis, 2022, 135, 867-879.	1.7	1