

Hengbo Yin

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132
papers

3,520
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135
ext. papers

3,858
ext. citations

4.8
avg, IF

5.02
L-index

#	Paper	IF	Citations
132	Hydrothermal synthesis of nanosized anatase and rutile TiO ₂ using amorphous phase TiO ₂ . <i>Journal of Materials Chemistry</i> , 2001 , 11, 1694-1703		472
131	Large-scale and size-controlled synthesis of silver nanoparticles under microwave irradiation. <i>Materials Chemistry and Physics</i> , 2004 , 83, 66-70	4.4	195
130	Photoreductive dehalogenation of halogenated benzene derivatives using ZnS or CdS nanocrystallites as photocatalysts. <i>Environmental Science & Technology</i> , 2001 , 35, 227-31	10.3	167
129	Novel synthesis of phase-pure nano-particulate anatase and rutile TiO ₂ using TiCl ₄ aqueous solutions. <i>Journal of Materials Chemistry</i> , 2002 , 12, 378-383		117
128	Influence of support on catalytic activity of Ni catalysts in p-nitrophenol hydrogenation to p-aminophenol. <i>Catalysis Communications</i> , 2008 , 10, 313-316	3.2	111
127	Gas phase hydrogenolysis of glycerol catalyzed by Cu/ZnO/MO _x (MO _x = Al ₂ O ₃ , TiO ₂ , and ZrO ₂) catalysts. <i>Chemical Engineering Journal</i> , 2011 , 168, 403-412	14.7	91
126	Size-controlled synthesis of hydroxyapatite nanorods by chemical precipitation in the presence of organic modifiers. <i>Materials Science and Engineering C</i> , 2007 , 27, 865-869	8.3	91
125	Liquid phase dehydration of glycerol to acrolein catalyzed by silicotungstic, phosphotungstic, and phosphomolybdic acids. <i>Chemical Engineering Journal</i> , 2012 , 180, 277-283	14.7	90
124	Effect of organic modifiers on the structure of nickel nanoparticles and catalytic activity in the hydrogenation of p-nitrophenol to p-aminophenol. <i>Langmuir</i> , 2009 , 25, 12736-41	4	77
123	Modifier effects on chemical reduction synthesis of nanostructured copper. <i>Applied Surface Science</i> , 2006 , 253, 2727-2732	6.7	67
122	Hydrothermal conversion of glycerol to lactic acid catalyzed by Cu/hydroxyapatite, Cu/MgO, and Cu/ZrO ₂ and reaction kinetics. <i>Chemical Engineering Journal</i> , 2016 , 288, 332-343	14.7	60
121	Gas phase oxidehydration of glycerol to acrylic acid over Mo/V and W/V oxide catalysts. <i>Chemical Engineering Journal</i> , 2014 , 244, 168-177	14.7	60
120	Gas phase dehydration of glycerol catalyzed by rutile TiO ₂ -supported heteropolyacids. <i>Journal of Industrial and Engineering Chemistry</i> , 2011 , 17, 484-492	6.3	59
119	Effects of organic modifiers on the size-controlled synthesis of hydroxyapatite nanorods. <i>Applied Surface Science</i> , 2007 , 253, 3311-3316	6.7	57
118	Preparation, characterization of Au (or Pt)-loaded titania nanotubes and their photocatalytic activities for degradation of methyl orange. <i>Applied Surface Science</i> , 2009 , 255, 3773-3778	6.7	56
117	Size-controlled synthesis of hydroxyapatite nanorods in the presence of organic modifiers. <i>Materials Letters</i> , 2007 , 61, 2084-2088	3.3	53
116	Selective oxidation of 1,2-propanediol to lactic acid catalyzed by hydroxylapatite nanorod-supported Au/Pd bimetallic nanoparticles under atmospheric pressure. <i>Journal of Catalysis</i> , 2014 , 316, 67-77	7.3	48

115	Synthesis of porous hollow silica spheres using polystyrene-methyl acrylic acid latex template at different temperatures. <i>Journal of Physics and Chemistry of Solids</i> , 2009 , 70, 1432-1437	3.9	47
114	Effects of coating parameters on the morphology of SiO ₂ -coated TiO ₂ and the pigmentary properties. <i>Applied Surface Science</i> , 2008 , 254, 2809-2819	6.7	46
113	Preparation of nickel nanoparticles with different sizes and structures and catalytic activity in the hydrogenation of p-nitrophenol. <i>New Journal of Chemistry</i> , 2010 , 34, 708	3.6	42
112	Coupling reaction between ethanol dehydrogenation and maleic anhydride hydrogenation catalyzed by Cu/Al ₂ O ₃ , Cu/ZrO ₂ , and Cu/ZnO catalysts. <i>Chemical Engineering Journal</i> , 2013 , 233, 349-355	14.7	40
111	Methanol dehydrogenation to methyl formate catalyzed by SiO ₂ -, hydroxyapatite-, and MgO-supported copper catalysts and reaction kinetics. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 31, 301-308	6.3	38
110	Gas phase hydrogenation of maleic anhydride to γ -butyrolactone by Cu/Zn/Al catalysts. <i>Catalysis Communications</i> , 2007 , 8, 193-199	3.2	38
109	Liquid phase catalytic dehydration of glycerol to acrolein over Brønsted acidic ionic liquid catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 759-766	6.3	37
108	Deposition and characterization of binary Al ₂ O ₃ /SiO ₂ coating layers on the surfaces of rutile TiO ₂ and the pigmentary properties. <i>Applied Surface Science</i> , 2010 , 257, 1351-1360	6.7	35
107	Selective hydrogenation of maleic anhydride to γ -butyrolactone and tetrahydrofuran by Cu/Zn/Zr catalyst in the presence of ethanol. <i>Journal of Industrial and Engineering Chemistry</i> , 2009 , 15, 537-543	6.3	34
106	Enhanced Photocatalytic Dechlorination of 1,2,3,4-Tetrachlorobenzene Using Nanosized CdS/TiO ₂ Hybrid Photocatalyst under Visible Light Irradiation. <i>Chemistry Letters</i> , 2001 , 30, 334-335	1.7	31
105	Synthesis of different sized and porous hydroxyapatite nanorods without organic modifiers and their 5-fluorouracil release performance. <i>Materials Science and Engineering C</i> , 2015 , 57, 14-23	8.3	30
104	Catalytic activity of nickel nanoparticles in hydrogenation of p-nitrophenol to p-aminophenol. <i>Catalysis Communications</i> , 2009 , 10, 2060-2064	3.2	30
103	Charge-transfer contributions in surface-enhanced Raman scattering from Ag, Ag ₂ S and Ag ₂ Se substrates. <i>Journal of Raman Spectroscopy</i> , 2012 , 43, 1191-1195	2.3	29
102	Selective hydrogenation of maleic anhydride to succinic anhydride catalyzed by metallic nickel catalysts. <i>Applied Catalysis A: General</i> , 2012 , 425-426, 205-212	5.1	29
101	Gas-Phase Hydrogenolysis of Glycerol Catalyzed by Cu/MO _x Catalysts. <i>Chemical Engineering and Technology</i> , 2013 , 36, 73-82	2	28
100	Size-controlled synthesis of anatase TiO ₂ nanoparticles by carboxylic acid group-containing organics. <i>Materials Chemistry and Physics</i> , 2005 , 92, 595-599	4.4	28
99	Aldol condensation of acetic acid with formaldehyde to acrylic acid over SiO ₂ -, SBA-15-, and HZSM-5-supported V-P-O catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 40, 145-151	6.3	28
98	Hydrogenation of ethyl acetate to ethanol over Cu/ZnO/MO _x (MO _x = SiO ₂ , Al ₂ O ₃ , and ZrO ₂) catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 37, 208-215	6.3	27

97	Evolution mechanism of alumina nanofilms on rutile TiO ₂ starting from sodium metaaluminate and the pigmentary properties. <i>Powder Technology</i> , 2009 , 192, 171-177	5.2	26
96	Evolution mechanism of alumina coating layer on rutile TiO ₂ powders and the pigmentary properties. <i>Applied Surface Science</i> , 2009 , 255, 7427-7433	6.7	26
95	Synergistic effect of silver seeds and organic modifiers on the morphology evolution mechanism of silver nanoparticles. <i>Applied Surface Science</i> , 2008 , 254, 6527-6536	6.7	26
94	Hydrothermal synthesis of rutile TiO ₂ nanoparticles using hydroxyl and carboxyl group-containing organics as modifiers. <i>Materials Chemistry and Physics</i> , 2006 , 98, 231-235	4.4	26
93	Gas phase hydrogenation of maleic anhydride to tetrahydrofuran by Cu/ZnO/TiO ₂ catalysts in the presence of n-butanol. <i>Chemical Engineering Journal</i> , 2008 , 140, 488-496	14.7	25
92	Gas Phase Hydrogenation of Maleic Anhydride to γ -Butyrolactone by CuZnO Catalyst in the Presence of n-Butanol. <i>Catalysis Letters</i> , 2008 , 122, 176-182	2.8	24
91	Mesoporous Sn(IV) doping MCM-41 supported Pd nanoparticles for enhanced selective catalytic oxidation of 1,2-propanediol to pyruvic acid. <i>Applied Catalysis B: Environmental</i> , 2019 , 253, 111-120	21.8	23
90	Selective oxidation of 1,2-propanediol to lactic acid catalyzed by nanosized Mg(OH) ₂ -supported bimetallic AuPd catalysts. <i>Applied Catalysis A: General</i> , 2014 , 482, 49-60	5.1	23
89	Evolution of binary Fe ₂ O ₃ /SiO ₂ coating layers on the surfaces of aluminum flakes and the pigmentary performances. <i>Powder Technology</i> , 2012 , 221, 306-311	5.2	23
88	Synthesis of porous hollow silica spheres using functionalized polystyrene latex spheres as templates. <i>Korean Journal of Chemical Engineering</i> , 2011 , 28, 1458-1463	2.8	23
87	Evolution of zirconia coating layer on rutile TiO ₂ surface and the pigmentary property. <i>Journal of Physics and Chemistry of Solids</i> , 2010 , 71, 1458-1466	3.9	23
86	Evolution of TiO ₂ coating layers on lamellar sericite in the presence of La ³⁺ and the pigmentary properties. <i>Applied Surface Science</i> , 2008 , 254, 7314-7320	6.7	23
85	Catalytic conversion of glycerol to lactic acid over graphite-supported nickel nanoparticles and reaction kinetics. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 57, 226-235	6.3	22
84	Morphology-controlled synthesis of calcium titanate particles and adsorption kinetics, isotherms, and thermodynamics of Cd(II), Pb(II), and Cu(II) cations. <i>Journal of Hazardous Materials</i> , 2019 , 380, 120789	5.8	22
83	Selective Hydrogenation of Maleic Anhydride to Tetrahydrofuran over CuZnM (M = Al, Ti, Zr) Catalysts Using Ethanol As a Solvent. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 11220-11224	3.9	22
82	Preparation of nanosized hollow silica spheres from Na ₂ SiO ₃ using Fe ₃ O ₄ nanoparticles as templates. <i>Particuology</i> , 2012 , 10, 352-358	2.8	21
81	Cyclodehydration of 1,4-butanediol to tetrahydrofuran catalyzed by supported silicotungstic acid. <i>Catalysis Communications</i> , 2006 , 7, 778-782	3.2	21
80	Gas phase dehydrogenation of ethanol using maleic anhydride as hydrogen acceptor over Cu/hydroxylapatite, Cu/SBA-15, and Cu/MCM-41 catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 26, 322-332	6.3	20

79	Selectively catalytic oxidation of 1,2-propanediol to lactic, formic, and acetic acids over Ag nanoparticles under mild reaction conditions. <i>Journal of Catalysis</i> , 2015 , 326, 26-37	7.3	20
78	Selective Synthesis of Potassium Titanate Whiskers Starting from Metatitanic Acid and Potassium Carbonate. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 9128-9134	3.9	20
77	Acylation of salicylamide to 5-acetylsalicylamide using ionic liquids as dual catalyst and solvent. <i>Journal of Industrial and Engineering Chemistry</i> , 2010 , 16, 800-804	6.3	18
76	Effects of organic acids on the size-controlled synthesis of rutile TiO ₂ nanorods. <i>Applied Surface Science</i> , 2007 , 253, 9277-9282	6.7	18
75	Adsorption characteristics and behavior of a graphene oxide/Al ₂ O ₃ composite for cadmium ion removal from aqueous solutions. <i>RSC Advances</i> , 2015 , 5, 67372-67379	3.7	17
74	[BMIM]Cl-nAlCl ₃ ionic liquid-catalyzed redistribution reaction between methyltrichlorosilane and low-boiling residue to dimethyldichlorosilane. <i>Journal of Industrial and Engineering Chemistry</i> , 2012 , 18, 237-242	6.3	17
73	Aldol condensation of acetic acid with formaldehyde to acrylic acid over Cs(Ce, Nd) VPO/SiO ₂ catalyst. <i>RSC Advances</i> , 2017 , 7, 48475-48485	3.7	17
72	Oxidation of cyclopentene catalyzed by phosphotungstic quaternary ammonium salt catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2010 , 16, 288-292	6.3	17
71	Catalytic Oxidation of 1,2-Propanediol over Bimetallic Cu@Au Core/Shell Nanoparticles. <i>Catalysis Letters</i> , 2016 , 146, 1139-1152	2.8	17
70	Hydrothermal conversion of high-concentrated glycerol to lactic acid catalyzed by bimetallic CuAu _x (x = 0.01-0.04) nanoparticles and their reaction kinetics. <i>RSC Advances</i> , 2017 , 7, 30725-30739	3.7	16
69	Selective oxidation of 1,2-propanediol to lactic acid catalyzed by hydroxyapatite-supported Pd and PdAg nanoparticles. <i>RSC Advances</i> , 2015 , 5, 106918-106929	3.7	16
68	Hydrogenation of 3-nitro-4-methoxy-acetylaniline with H ₂ to 3-amino-4-methoxy-acetylaniline catalyzed by bimetallic copper/nickel nanoparticles. <i>New Journal of Chemistry</i> , 2017 , 41, 3358-3366	3.6	15
67	Glycerol valorization to lactic acid catalyzed by hydroxyapatite-supported palladium particles. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 94, 204-215	3.5	15
66	A facile synthesis of graphene/metal (Pb, Zn, Cd, Mn) sulfide composites. <i>Journal of Materials Science</i> , 2012 , 47, 1026-1032	4.3	15
65	Structural effect of tungsten oxides on selective oxidation of cyclopentene to glutaraldehyde. <i>Catalysis Communications</i> , 2006 , 7, 832-838	3.2	15
64	Catalytic Conversion of Glycerol to Lactic Acid Over Metallic Copper Nanoparticles and Reaction Kinetics. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 1255-266	1.3	14
63	Size-controlled preparation of calcium sulphate hemihydrate starting from calcium sulphate dihydrate in the presence of modifiers and the dissolution rate in simulated body fluid. <i>Materials Science and Engineering C</i> , 2013 , 33, 3256-62	8.3	14
62	Preparation of zinc borates with different structures and morphologies and their effect on thermal and oxidative stability of polyvinyl alcohol. <i>Powder Technology</i> , 2013 , 237, 537-542	5.2	14

61	Synthesis of Trimethylchlorosilane by [BMIM]Cl/AlCl ₃ Ionic Liquids-Catalyzed Redistribution between Methyltrichlorosilane and Low-Boiling Products from the Direct Synthesis of Methylchlorosilanes. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 1893-1898	3.9	14
60	Synthesis of potassium hexatitanate whiskers starting from metatitanic acid and potassium carbonate and sulfate by calcination method. <i>Materials Research Bulletin</i> , 2009 , 44, 1173-1178	5.1	14
59	Synthesis of hollow silver spheres using poly-(styrene-methyl acrylic acid) as templates in the presence of sodium polyacrylate. <i>Applied Surface Science</i> , 2010 , 256, 2611-2615	6.7	14
58	Synthesis and characterization of mesoporous molecular sieve nanoparticles. <i>Journal of Porous Materials</i> , 2008 , 15, 67-73	2.4	13
57	Catalytic Oxidation of 1,2-Propanediol to Lactic Acid with O ₂ Under Atmospheric Pressure Over PdAg Bimetallic Nanoparticles and Reaction Kinetics. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 9621-9633	1.3	13
56	Direct reaction between silicon and methanol over Cu-based catalysts: investigation of active species and regeneration of CuCl catalyst.. <i>RSC Advances</i> , 2018 , 8, 19317-19325	3.7	13
55	Environmental Remediation Using Catalysis Driven Under Electromagnetic Irradiation. <i>Catalysis Surveys From Asia</i> , 2002 , 5, 127-138		12
54	Reduction of 3-nitro-4-methoxy-acetylaniline to 3-amino-4-methoxy-acetylaniline catalyzed by metallic Cu nanoparticles at low reaction temperature. <i>Chemical Engineering Journal</i> , 2015 , 262, 427-435 ^{14.7}		11
53	Coupling reaction between methanol dehydrogenation and maleic anhydride hydrogenation over zeolite-supported copper catalysts. <i>Canadian Journal of Chemical Engineering</i> , 2015 , 93, 1107-1118	2.3	11
52	EFFECTS OF DIFFERENT FUNCTIONAL GROUP-CONTAINING ORGANICS ON MORPHOLOGY-CONTROLLED SYNTHESIS OF SILVER NANOPARTICLES AT ROOM TEMPERATURE. <i>Acta Metallurgica Sinica (English Letters)</i> , 2006 , 19, 362-370	2.5	11
51	Oxidation of cyclopentene catalyzed by tungsten-substituted molybdophosphoric acids. <i>Korean Journal of Chemical Engineering</i> , 2009 , 26, 654-659	2.8	10
50	Reaction kinetics of the esterification reaction between ethanol and acetic acid catalyzed by Keggin heteropolyacids. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014 , 111, 15-27	1.6	9
49	Preparation of Titanate Whiskers Starting from Metatitanic Acid and Their Adsorption Performances for Cu(II), Pb(II), and Cr(III) Ions. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	9
48	Synthesis of Na-, Fe-, and Mg-containing titanate nanocomposites starting from ilmenite and NaOH and adsorption kinetics, isotherms, and thermodynamics of Cu(II), Cd(II), and Pb(II) cations. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019 , 249, 114411	3.1	8
47	Catalytic Chlorination of Methylphenyldichlorosilane to Chlorinated Methylphenyldichlorosilanes over Ionic Liquids, [BMIM]Cl/[Et ₃ NH]Cl and [BPy]Cl/AlMCl _x (M = Al, Fe, and Zn). <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 6619-6626	3.9	8
46	Methylation of methyltrichlorosilane with methyl chloride over active metals and activated carbon. <i>Korean Journal of Chemical Engineering</i> , 2011 , 28, 2250-2254	2.8	8
45	Conversion of Glycerol to Lactic Acid Catalyzed by Different-Sized Cu ₂ O Nanoparticles in NaOH Aqueous Solution. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 780-787	1.3	7
44	Chlorination of methylphenyldichlorosilane to chlorinated phenyl-containing silanes with gaseous chlorine catalyzed by HY, H ⁺ HZSM-5, and HL zeolites. <i>Chemical Engineering Journal</i> , 2015 , 270, 343-351	14.7	6

43	Catalytic chlorination of methylphenyldichlorosilane with gaseous chlorine to chlorinated methylphenyldichlorosilanes over Lewis acids. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 1022-1029	6.3	6
42	Evolution of silica coating layer on titanium surface and the effect on the bond strength between titanium and porcelain. <i>Applied Surface Science</i> , 2013 , 276, 723-730	6.7	6
41	Fluoride Release from Hollow Silica Microsphere-Containing Dental Restorative Acrylate Resin. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 3967-74	1.3	6
40	Selective Chlorination of Toluene to p-Chlorotoluene Catalyzed by Nanosized Zeolite K-L Catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 6150-9	1.3	6
39	Chlorination of glycerol with HCl to 1,3-dichloro-2-propanol catalyzed by aliphatic carboxylic acids. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2015 , 10, n/a-n/a	1.3	6
38	Characterization and synthesis of Ce-incorporated mesoporous molecular sieves under microwave irradiation condition. <i>Korean Journal of Chemical Engineering</i> , 2010 , 27, 1310-1315	2.8	6
37	The effects of hydrothermal and thermal treatment on structure of Ni (or Co)-mesoporous molecular sieves. <i>Journal of Porous Materials</i> , 2007 , 14, 457-463	2.4	6
36	Selective Oxidation of 1,2-Propanediol to Carboxylic Acids Catalyzed by Copper Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 3362-3372	1.3	5
35	Catalytic Conversion of Glycerol to Lactic Acid Over Hydroxyapatite-Supported Metallic Ni Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 4734-4745	1.3	5
34	Encapsulation of TiO ₂ particles with polystyrene and polymethyl acrylic acid and the pigmentary performances. <i>Journal of Industrial and Engineering Chemistry</i> , 2012 , 18, 1384-1390	6.3	5
33	Functional characterization of bimetallic CuPd nanoparticles in hydrothermal conversion of glycerol to lactic acid. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12931	3.3	4
32	Interaction between Pd and Cu nanoparticles in bimetallic CuPd nanoparticles and its impact on oxidation of 1,2-propanediol to aliphatic acids. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 1085-1094	3.3	4
31	Adsorption Performances of Naked and 3-Aminopropyl Triethoxysilane-Modified Mesoporous TiO ₂ Hollow Nanospheres for Cu ²⁺ , Cd ²⁺ , Pb ²⁺ , and Cr(VI) Ions. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 5539-5549	1.3	4
30	Catalytic chlorination of 2-chlorotoluene with gaseous chlorine to 2,6-dichlorotoluene over AlCl ₃ , FeCl ₃ , ZnCl ₂ , and [BMIM]Cl/AlCl ₃ (∅FeCl ₃ and ∅ZnCl ₂) catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016 , 118, 523-536	1.6	4
29	Synthesis of isoamyl salicylate using a novel mesoporous titania superacid as a catalyst. <i>Korean Journal of Chemical Engineering</i> , 2008 , 25, 1008-1013	2.8	4
28	Spinel copper(II)-iron-oxide magnetic nanoparticles with cooperative Cu(I) and Cu(II) sites for enhancing the catalytic transformation of 1,2-propanediol to lactic acid under anaerobic conditions. <i>Catalysis Science and Technology</i> , 2020 , 10, 8094-8107	5.5	4
27	Synthesis of different-sized SBA-15 nanoparticles and their fluoride release performances from poly(methyl methacrylate) dental restorative resin. <i>New Journal of Chemistry</i> , 2016 , 40, 9781-9787	3.6	4
26	Reaction between methanol and acetic acid catalyzed by SiO ₂ -supported V-P-O catalyst in oxygen atmosphere. <i>Canadian Journal of Chemical Engineering</i> , 2019 , 97, 2699-2707	2.3	3

25	Hydrogenation of 1-Nitroanthraquinone to 1-Aminoanthraquinone Catalyzed by Bimetallic CuPt Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 5906-5913	1.3	3
24	Synthesis of bimetallic Cu Ni nanoparticles for selective hydrogenation of 1-nitroanthraquinone with gaseous H ₂ to 1-aminoanthraquinone. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 601, 125021	5.1	3
23	Preparation of graphite nanosheets in different solvents by sand milling and their enhancement on tribological properties of lithium-based grease. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 1177-1186	3.2	3
22	Cyclodehydration of 1,4-butanediol to tetrahydro- furan catalyzed by supported silicotungstic acid. <i>Reaction Kinetics and Catalysis Letters</i> , 2006 , 88, 233-241		3
21	Preparation of Hollow SiO ₂ @BiOI Nanocomposites and Their Photocatalytic Performance in Ammonia Nitrogen Degradation. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 6368-6375	1.3	3
20	Controllable synthesis of graphene oxide/silver (gold) nanocomposites and their size-dependencies. <i>RSC Advances</i> , 2016 , 6, 70468-70473	3.7	3
19	Chlorination of Toluene to o-Chlorotoluene Catalyzed by Ionic Liquids. <i>Catalysts</i> , 2018 , 8, 532	4	3
18	Acrylic acid synthesis via condensation of acetic acid and formaldehyde catalyzed by silica aerogel-supported SiW/PW/PMo oxides. <i>Journal of Chemical Technology and Biotechnology</i> , 2020 , 95, 1683-1693	3.5	2
17	Catalytic performances of potassium and sodium hydroxides/carbonates and calcium and magnesium oxides on hydrolysis of 2-chloropropionic acid to lactic acid. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014 , 113, 201-210	1.6	2
16	Thin films of Fe ₂ O ₃ nanoparticles using as nonmetallic SERS-active nanosensors for submicromolar detection. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2011 , 6, 206-212		2
15	Oxidation of 1,2-Propanediol to Carboxylic Acid Over Hydroxyapatite Nanorod-Supported Metallic Cu Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 1723-1731	1.3	2
14	Preparation of TiO ₂ @ZrO ₂ @ Acrylic Acid Nanocomposites and the Impact of Layer Structure on Color Scheme, Photocatalytic Activity, and Dispersion Stability. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 21811-21821	3.9	2
13	Preparation of mesoporous zirconium incorporated MCM-48 solid acid catalyst and its catalytic activity for alkylation of phenol with tert-butyl alcoholPeer review under responsibility of University of Bahrain.View all notes. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2015 , 17, 57-65		1
12	Selective Synthesis of Triethoxysilane and Tetraethoxysilane through Direct Reaction between Ethanol and Silicon Catalyzed by CuCl and Metallic Cu ₀ Nanoparticles in Fixed-bed Reactor. <i>Silicon</i> , 2020 , 1	2.4	1
11	Synthesis of Hollow B-SiO ₂ @CaTiO ₃ Nanocomposites and Their Photocatalytic Performance in Ammonia Nitrogen Degradation. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	1
10	Catalytic conversion of 2,5-dichlorotoluene over H ₂ zeolite, Ag/H ₂ and Cu/H ₂ catalysts in N ₂ or H ₂ atmosphere. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017 , 122, 369-384	1.6	1
9	O-alkylation of disodium salt of diethyl 3,4-dihydroxythiophene-2,5-dicarboxylate with 1,2-dichloroethane catalyzed by ionic type phase transfer catalyst and potassium iodide. <i>Korean Journal of Chemical Engineering</i> , 2014 , 31, 45-49	2.8	1
8	Preparation of TiO ₂ @ZrO ₂ @SiO ₂ @MAA nanocomposites and impact of layer structure on pigmentary performance. <i>Materials Chemistry and Physics</i> , 2021 , 263, 124403	4.4	1

7	Synthesis of polyphenylmethylsiloxanes and their enhancement on tribological properties of titanium complex grease. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47168	2.9	1
6	Preparation of Bimetallic Cu _x Ag _y Nanoparticles and their Catalytic Performance in Hydrogenation of 4-Nitrophenol with H ₂ to 4-Aminophenol. <i>Catalysis Letters</i> , 1	2.8	0
5	Preparation of Different-Sized Copper Nanoparticles by Reducing Copper Hydroxide and Application in Lithium-Based Grease. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 2372-2381	1.3	0
4	Preparation of Expanded Graphite and Graphite Nanosheets for Improving Electrical Conductivity of Polyester Coating Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 5846-5858	1.3	0
3	Cu submicroparticles catalyzed reduction of 3-nitro-4-methoxyacetanilide to 3-amino-4-methoxyacetanilide in water. <i>Canadian Journal of Chemical Engineering</i> , 2017 , 95, 1562-1568	2.3	
2	Synthesis of Different-Sized Mesoporous SBA-15 Nanorods Using Organic Modifiers and Their Fluoride Release Performances. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 4185-4193	1.3	
1	Hydrogenation of 1-nitroanthraquinone to 1-aminoanthraquinone with gaseous H ₂ catalyzed by copper nanoparticles and reaction kinetics. <i>Journal of Nanoparticle Research</i> , 2022 , 24, 1	2.3	