Hengbo Yin

List of Publications by Year in Descending Order

132 papers	3,520 citations	29 h-index	54 g-index
135 ext. papers	3,858 ext. citations	4.8 avg, IF	5.02 L-index

#	Paper	IF	Citations
132	Hydrogenation of 1-nitroanthraquinone to 1-aminoanthraquinone with gaseous H2 catalyzed by copper nanoparticles and reaction kinetics. *Journal of Nanoparticle Research*, **2022**, 24, 1	2.3	
131	Preparation of TiO2@ZrO2@SiO2@MAA nanocomposites and impact of layer structure on pigmentary performance. *Materials Chemistry and Physics*, **2021**, 263, 124403	4.4	1
130	Preparation of Expanded Graphite and Graphite Nanosheets for Improving Electrical Conductivity of Polyester Coating Films. *Journal of Nanoscience and Nanotechnology*, **2021**, 21, 5846-5858	1.3	0
129	Selective Synthesis of Triethoxysilane and Tetraethoxysilane through Direct Reaction between Ethanol and Silicon Catalyzed by CuCl and Metallic Cu0 Nanoparticles in Fixed-bed Reactor. *Silicon*, **2020**, 1	2.4	1
128	Synthesis of bimetallic Cu Ni nanoparticles for selective hydrogenation of 1-nitroanthraquinone with gaseous H2 to 1-aminoanthraquinone. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 601, 125021	5.1	3
127	Synthesis of Hollow B-SiO2@CaTiO3 Nanocomposites and Their Photocatalytic Performance in Ammonia Nitrogen Degradation. *Water, Air, and Soil Pollution*, **2020**, 231, 1	2.6	1
126	Preparation of graphite nanosheets in different solvents by sand milling and their enhancement on tribological properties of lithium-based grease. *Chinese Journal of Chemical Engineering*, **2020**, 28, 1177-1186	3.2	3
125	Interaction between Pd and Cu nanoparticles in bimetallic CuPd nanoparticles and its impact on oxidation of 1,2-propanediol to aliphatic acids. *Chinese Journal of Chemical Engineering*, **2020**, 28, 1085-1094	3.2	4
124	Acrylic acid synthesis via condensation of acetic acid and formaldehyde catalyzed by silica aerogel-supported SiW/PW/PMo oxides. *Journal of Chemical Technology and Biotechnology*, **2020**, 95, 1683-1693	3.5	2
123	Oxidation of 1,2-Propanediol to Carboxylic Acid Over Hydroxyapatite Nanorod-Supported Metallic Cu Nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2020**, 20, 1723-1731	1.3	2
122	Preparation of Different-Sized Copper Nanoparticles by Reducing Copper Hydroxide and Application in Lithium-Based Grease. *Journal of Nanoscience and Nanotechnology*, **2020**, 20, 2372-2381	1.3	0
121	Preparation of TiO2@ZrO2@ Acrylic Acid Nanocomposites and the Impact of Layer Structure on Color Scheme, Photocatalytic Activity, and Dispersion Stability. *Industrial & Engineering Chemistry Research*, **2020**, 59, 21811-21821	3.9	2
120	Spinel copper 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. *Catalysis Science and Technology*, **2020**, 10, 8094-8107	5.5	4
119	Preparation of Hollow SiO@BiOI Nanocomposites and Their Photocatalytic Performance in Ammonia Nitrogen Degradation. *Journal of Nanoscience and Nanotechnology*, **2020**, 20, 6368-6375	1.3	3
118	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. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2019**, 249, 114411	3.1	8
117	Functional characterization of bimetallic CuPd nanoparticles in hydrothermal conversion of glycerol to lactic acid. *Journal of Food Biochemistry*, **2019**, 43, e12931	3.3	4
116	Reaction between methanol and acetic acid catalyzed by SiO2-supported V-P-O catalyst in oxygen atmosphere. *Canadian Journal of Chemical Engineering*, **2019**, 97, 2699-2707	2.3	3

115	Hydrogenation of 1-Nitroanthraquinone to 1-Aminoanthraquinone Catalyzed by Bimetallic CuPt Nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2019**, 19, 5906-5913	1.3	3
114	Mesoporous Sn(IV) doping MCM-41 supported Pd nanoparticles for enhanced selective catalytic oxidation of 1,2-propanediol to pyruvic acid. *Applied Catalysis B: Environmental*, **2019**, 253, 111-120	21.8	23
113	Glycerol valorization to lactic acid catalyzed by hydroxyapatite-supported palladium particles. *Journal of Chemical Technology and Biotechnology*, **2019**, 94, 204-215	3.5	15
112	Morphology-controlled synthesis of calcium titanate particles and adsorption kinetics, isotherms, and thermodynamics of Cd(II), Pb(II), and Cu(II) cations. *Journal of Hazardous Materials*, **2019**, 380, 120789	12.8	22
111	Synthesis of polyphenylmethylsiloxanes and their enhancement on tribological properties of titanium complex grease. *Journal of Applied Polymer Science*, **2019**, 136, 47168	2.9	1
110	Catalytic conversion of glycerol to lactic acid over graphite-supported nickel nanoparticles and reaction kinetics. *Journal of Industrial and Engineering Chemistry*, **2018**, 57, 226-235	6.3	22
109	Selective Oxidation of 1,2-Propanediol to Carboxylic Acids Catalyzed by Copper Nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2018**, 18, 3362-3372	1.3	5
108	Catalytic Conversion of Glycerol to Lactic Acid Over Hydroxyapatite-Supported Metallic Ni Nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2018**, 18, 4734-4745	1.3	5
107	Chlorination of Toluene to o-Chlorotoluene Catalyzed by Ionic Liquids. *Catalysts*, **2018**, 8, 532	4	3
106	Direct reaction between silicon and methanol over Cu-based catalysts: investigation of active species and regeneration of CuCl catalyst.. *RSC Advances*, **2018**, 8, 19317-19325	3.7	13
105	Cu submicroparticles catalyzed reduction of 3-nitro-4-methoxyacetanilide to 3-amino-4-methoxyacetanilide in water. *Canadian Journal of Chemical Engineering*, **2017**, 95, 1562-1568	2.3	
104	Conversion of Glycerol to Lactic Acid Catalyzed by Different-Sized Cu2O Nanoparticles in NaOH Aqueous Solution. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 780-787	1.3	7
103	Catalytic Conversion of Glycerol to Lactic Acid Over Metallic Copper Nanoparticles and Reaction Kinetics. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 1255-266	1.3	14
102	Synthesis of Different-Sized Mesoporous SBA-15 Nanorods Using Organic Modifiers and Their Fluoride Release Performances. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 4185-4193	1.3	
101	Hydrogenation of 3-nitro-4-methoxy-acetylaniline with H2 to 3-amino-4-methoxy-acetylaniline catalyzed by bimetallic copper/nickel nanoparticles. *New Journal of Chemistry*, **2017**, 41, 3358-3366	3.6	15
100	Adsorption Performances of Naked and 3-Aminopropyl Triethoxysilane-Modified Mesoporous TiO2 Hollow Nanospheres for Cu2+, Cd2+, Pb2+, and Cr(VI) Ions. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 5539-5549	1.3	4
99	Catalytic conversion of 2,5-dichlorotoluene over H□zeolite, Ag/H□and Cu/H□catalysts in N2 or H2 atmosphere. *Reaction Kinetics, Mechanisms and Catalysis*, **2017**, 122, 369-384	1.6	1
98	Aldol condensation of acetic acid with formaldehyde to acrylic acid over Cs(Ce, Nd) VPO/SiO2 catalyst. *RSC Advances*, **2017**, 7, 48475-48485	3.7	17

97	Hydrothermal conversion of high-concentrated glycerol to lactic acid catalyzed by bimetallic CuAux (x = 0.01□.04) nanoparticles and their reaction kinetics. *RSC Advances*, **2017**, 7, 30725-30739	3.7	16
96	Catalytic chlorination of 2-chlorotoluene with gaseous chlorine to 2,6-dichlorotoluene over AlCl3, FeCl3, ZnCl2, and [BMIM]Cl□AlCl3 (□FeCl3 and □ZnCl2) catalysts. *Reaction Kinetics, Mechanisms and Catalysis*, **2016**, 118, 523-536	1.6	4
95	Hydrogenation of ethyl acetate to ethanol over Cu/ZnO/MOx (MOx = SiO2, Al2O3, and ZrO2) catalysts. *Journal of Industrial and Engineering Chemistry*, **2016**, 37, 208-215	6.3	27
94	Hydrothermal conversion of glycerol to lactic acid catalyzed by Cu/hydroxyapatite, Cu/MgO, and Cu/ZrO2 and reaction kinetics. *Chemical Engineering Journal*, **2016**, 288, 332-343	14.7	60
93	Controllable synthesis of graphene oxide□ilver (gold) nanocomposites and their size-dependencies. *RSC Advances*, **2016**, 6, 70468-70473	3.7	3
92	Aldol condensation of acetic acid with formaldehyde to acrylic acid over SiO2-, SBA-15-, and HZSM-5-supported V-P-O catalysts. *Journal of Industrial and Engineering Chemistry*, **2016**, 40, 145-151	6.3	28
91	Catalytic Oxidation of 1,2-Propanediol to Lactic Acid with O2 Under Atmospheric Pressure Over Pd□Ag Bimetallic Nanoparticles and Reaction Kinetics. *Journal of Nanoscience and Nanotechnology*, **2016**, 16, 9621-9633	1.3	13
90	Catalytic Oxidation of 1,2-Propanediol over Bimetallic Cu@Au Core/Shell Nanoparticles. *Catalysis Letters*, **2016**, 146, 1139-1152	2.8	17
89	Synthesis of different-sized SBA-15 nanoparticles and their fluoride release performances from poly(methyl methacrylate) dental restorative resin. *New Journal of Chemistry*, **2016**, 40, 9781-9787	3.6	4
88	Methanol dehydrogenation to methyl formate catalyzed by SiO 2 -, hydroxyapatite-, and MgO-supported copper catalysts and reaction kinetics. *Journal of Industrial and Engineering Chemistry*, **2015**, 31, 301-308	6.3	38
87	Synthesis of different sized and porous hydroxyapatite nanorods without organic modifiers and their 5-fluorouracil release performance. *Materials Science and Engineering C*, **2015**, 57, 14-23	8.3	30
86	Gas phase dehydrogenation of ethanol using maleic anhydride as hydrogen acceptor over Cu/hydroxylapatite, Cu/SBA-15, and Cu/MCM-41 catalysts. *Journal of Industrial and Engineering Chemistry*, **2015**, 26, 322-332	6.3	20
85	Chlorination of methylphenyldichlorosilane to chlorinated phenyl-containing silanes with gaseous chlorine catalyzed by HY, H□HZSM-5, and HL zeolites. *Chemical Engineering Journal*, **2015**, 270, 343-351	14.7	6
84	Selectively catalytic oxidation of 1,2-propanediol to lactic, formic, and acetic acids over Ag nanoparticles under mild reaction conditions. *Journal of Catalysis*, **2015**, 326, 26-37	7.3	20
83	Adsorption characteristics and behavior of a graphene oxide□Al13 composite for cadmium ion removal from aqueous solutions. *RSC Advances*, **2015**, 5, 67372-67379	3.7	17
82	Catalytic Chlorination of Methylphenyldichlorosilane to Chlorinated Methylphenyldichlorosilanes over Ionic Liquids, [BMIM]Cl□[Et3NH]Cl□and [BPy]Cl□MClx (M = Al, Fe, and Zn). *Industrial & Engineering Chemistry Research*, **2015**, 54, 6619-6626	3.9	8
81	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. *Journal of the Association of Arab Universities for Basic and Applied Sciences*, **2015**, 17, 57-65		1
80	Reduction of 3-nitro-4-methoxy-acetylaniline to 3-amino-4-methoxy-acetylaniline catalyzed by metallic Cu nanoparticles at low reaction temperature. *Chemical Engineering Journal*, **2015**, 262, 427-435	14.7	11

79	Coupling reaction between methanol dehydrogenation and maleic anhydride hydrogenation over zeolite-supported copper catalysts. *Canadian Journal of Chemical Engineering*, **2015**, 93, 1107-1118	2.3	11
78	Fluoride Release from Hollow Silica Microsphere-Containing Dental Restorative Acrylate Resin. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 3967-74	1.3	6
77	Selective Chlorination of Toluene to p-Chlorotoluene Catalyzed by Nanosized Zeolite K-L Catalysts. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 6150-9	1.3	6
76	Chlorination of glycerol with HCl to 1,3-dichloro-2-propanol catalyzed by aliphatic carboxylic acids. *Asia-Pacific Journal of Chemical Engineering*, **2015**, 10, n/a-n/a	1.3	6
75	Selective oxidation of 1,2-propanediol to lactic acid catalyzed by hydroxyapatite-supported Pd and Pd□Ag nanoparticles. *RSC Advances*, **2015**, 5, 106918-106929	3.7	16
74	Gas phase oxidehydration of glycerol to acrylic acid over Mo/V and W/V oxide catalysts. *Chemical Engineering Journal*, **2014**, 244, 168-177	14.7	60
73	Liquid phase catalytic dehydration of glycerol to acrolein over Br□sted acidic ionic liquid catalysts. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 759-766	6.3	37
72	Reaction kinetics of the esterification reaction between ethanol and acetic acid catalyzed by Keggin heteropolyacids. *Reaction Kinetics, Mechanisms and Catalysis*, **2014**, 111, 15-27	1.6	9
71	Preparation of Titanate Whiskers Starting from Metatitanic Acid and Their Adsorption Performances for Cu(II), Pb(II), and Cr(III) Ions. *Water, Air, and Soil Pollution*, **2014**, 225, 1	2.6	9
70	Catalytic performances of potassium and sodium hydroxides/carbonates and calcium and magnesium oxides on hydrolysis of □-chloropropionic acid to lactic acid. *Reaction Kinetics, Mechanisms and Catalysis*, **2014**, 113, 201-210	1.6	2
69	Catalytic chlorination of methylphenyldichlorosilane with gaseous chlorine to chlorinated methylphenyldichlorosilanes over Lewis acids. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 1022-1029	6.3	6
68	Selective oxidation of 1,2-propanediol to lactic acid catalyzed by hydroxylapatite nanorod-supported Au/Pd bimetallic nanoparticles under atmospheric pressure. *Journal of Catalysis*, **2014**, 316, 67-77	7.3	48
67	Selective oxidation of 1,2-propanediol to lactic acid catalyzed by nanosized Mg(OH)2-supported bimetallic Au□Pd catalysts. *Applied Catalysis A: General*, **2014**, 482, 49-60	5.1	23
66	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. *Korean Journal of Chemical Engineering*, **2014**, 31, 45-49	2.8	1
65	Evolution of silica coating layer on titanium surface and the effect on the bond strength between titanium and porcelain. *Applied Surface Science*, **2013**, 276, 723-730	6.7	6
64	Coupling reaction between ethanol dehydrogenation and maleic anhydride hydrogenation catalyzed by Cu/Al2O3, Cu/ZrO2, and Cu/ZnO catalysts. *Chemical Engineering Journal*, **2013**, 233, 349-359	14.7	40
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. *Materials Science and Engineering C*, **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. *Powder Technology*, **2013**, 237, 537-542	5.2	14

61	Gas-Phase Hydrogenolysis of Glycerol Catalyzed by Cu/MOx Catalysts. *Chemical Engineering and Technology*, **2013**, 36, 73-82	2	28
60	Evolution of binary Fe2O3/SiO2 coating layers on the surfaces of aluminum flakes and the pigmentary performances. *Powder Technology*, **2012**, 221, 306-311	5.2	23
59	[BMIM]Cl-nAlCl3 ionic liquid-catalyzed redistribution reaction between methyltrichlorosilane and low-boiling residue to dimethyldichlorosilane. *Journal of Industrial and Engineering Chemistry*, **2012**, 18, 237-242	6.3	17
58	A facile synthesis of graphene□metal (Pb, Zn, Cd, Mn) sulfide composites. *Journal of Materials Science*, **2012**, 47, 1026-1032	4.3	15
57	Preparation of nanosized hollow silica spheres from Na2SiO3 using Fe3O4 nanoparticles as templates. *Particuology*, **2012**, 10, 352-358	2.8	21
56	Encapsulation of TiO2 particles with polystyrene and polymethyl acrylic acid and the pigmentary performances. *Journal of Industrial and Engineering Chemistry*, **2012**, 18, 1384-1390	6.3	5
55	Charge-transfer contributions in surface-enhanced Raman scattering from Ag, Ag2S and Ag2Se substrates. *Journal of Raman Spectroscopy*, **2012**, 43, 1191-1195	2.3	29
54	Liquid phase dehydration of glycerol to acrolein catalyzed by silicotungstic, phosphotungstic, and phosphomolybdic acids. *Chemical Engineering Journal*, **2012**, 180, 277-283	14.7	90
53	Selective hydrogenation of maleic anhydride to succinic anhydride catalyzed by metallic nickel catalysts. *Applied Catalysis A: General*, **2012**, 425-426, 205-212	5.1	29
52	Thin films of □Fe2O3 nanoparticles using as nonmetallic SERS-active nanosensors for submicromolar detection. *Frontiers of Chemistry in China: Selected Publications From Chinese Universities*, **2011**, 6, 206-212		2
51	Synthesis of porous hollow silica spheres using functionalized polystyrene latex spheres as templates. *Korean Journal of Chemical Engineering*, **2011**, 28, 1458-1463	2.8	23
50	Methylation of methyltrichlorosilane with methyl chloride over active metals and activated carbon. *Korean Journal of Chemical Engineering*, **2011**, 28, 2250-2254	2.8	8
49	Gas phase hydrogenolysis of glycerol catalyzed by Cu/ZnO/MOx (MOx = Al2O3, TiO2, and ZrO2) catalysts. *Chemical Engineering Journal*, **2011**, 168, 403-412	14.7	91
48	Synthesis of Trimethylchlorosilane by [BMIM]Cl□AlCl3 Ionic Liquids-Catalyzed Redistribution between Methyltrichlorosilane and Low-Boiling Products from the Direct Synthesis of Methylchlorosilanes. *Industrial & Engineering Chemistry Research*, **2011**, 50, 1893-1898	3.9	14
47	Gas phase dehydration of glycerol catalyzed by rutile TiO2-supported heteropolyacids. *Journal of Industrial and Engineering Chemistry*, **2011**, 17, 484-492	6.3	59
46	Selective Synthesis of Potassium Titanate Whiskers Starting from Metatitanic Acid and Potassium Carbonate. *Industrial & Engineering Chemistry Research*, **2010**, 49, 9128-9134	3.9	20
45	Preparation of nickel nanoparticles with different sizes and structures and catalytic activity in the hydrogenation of p-nitrophenol. *New Journal of Chemistry*, **2010**, 34, 708	3.6	42
44	Acylation of salicylamide to 5-acetylsalicylamide using ionic liquids as dual catalyst and solvent. *Journal of Industrial and Engineering Chemistry*, **2010**, 16, 800-804	6.3	18

43	Evolution of zirconia coating layer on rutile TiO2 surface and the pigmentary property. *Journal of Physics and Chemistry of Solids*, **2010**, 71, 1458-1466	3.9	23
42	Characterization and synthesis of Ce-incorporated mesoporous molecular sieves under microwave irradiation condition. *Korean Journal of Chemical Engineering*, **2010**, 27, 1310-1315	2.8	6
41	Oxidation of cyclopentene catalyzed by phosphotungstic quaternary ammonium salt catalysts. *Journal of Industrial and Engineering Chemistry*, **2010**, 16, 288-292	6.3	17
40	Synthesis of hollow silver spheres using poly-(styrene-methyl acrylic acid) as templates in the presence of sodium polyacrylate. *Applied Surface Science*, **2010**, 256, 2611-2615	6.7	14
39	Deposition and characterization of binary Al2O3/SiO2 coating layers on the surfaces of rutile TiO2 and the pigmentary properties. *Applied Surface Science*, **2010**, 257, 1351-1360	6.7	35
38	Synthesis of potassium hexatitanate whiskers starting from metatitanic acid and potassium carbonate and sulfate by calcination method. *Materials Research Bulletin*, **2009**, 44, 1173-1178	5.1	14
37	Evolution mechanism of alumina nanofilms on rutile TiO2 starting from sodium metaaluminate and the pigmentary properties. *Powder Technology*, **2009**, 192, 171-177	5.2	26
36	Evolution mechanism of alumina coating layer on rutile TiO2 powders and the pigmentary properties. *Applied Surface Science*, **2009**, 255, 7427-7433	6.7	26
35	Oxidation of cyclopentene catalyzed by tungsten-substituted molybdophosphoric acids. *Korean Journal of Chemical Engineering*, **2009**, 26, 654-659	2.8	10
34	Selective hydrogenation of maleic anhydride to γ-butyrolactone and tetrahydrofuran by Cu–Zn–Zr catalyst in the presence of ethanol. *Journal of Industrial and Engineering Chemistry*, **2009**, 15, 537-543	6.3	34
33	Synthesis of porous hollow silica spheres using polystyrene–methyl acrylic acid latex template at different temperatures. *Journal of Physics and Chemistry of Solids*, **2009**, 70, 1432-1437	3.9	47
32	Preparation, characterization of Au (or Pt)-loaded titania nanotubes and their photocatalytic activities for degradation of methyl orange. *Applied Surface Science*, **2009**, 255, 3773-3778	6.7	56
31	Selective Hydrogenation of Maleic Anhydride to Tetrahydrofuran over Cu–Zn–M (M = Al, Ti, Zr) Catalysts Using Ethanol As a Solvent. *Industrial & Engineering Chemistry Research*, **2009**, 48, 11220-11224	3.9	22
30	Effect of organic modifiers on the structure of nickel nanoparticles and catalytic activity in the hydrogenation of p-nitrophenol to p-aminophenol. *Langmuir*, **2009**, 25, 12736-41	4	77
29	Catalytic activity of nickel nanoparticles in hydrogenation of p-nitrophenol to p-aminophenol. *Catalysis Communications*, **2009**, 10, 2060-2064	3.2	30
28	Influence of support on catalytic activity of Ni catalysts in p-nitrophenol hydrogenation to p-aminophenol. *Catalysis Communications*, **2008**, 10, 313-316	3.2	111
27	Evolution of TiO2 coating layers on lamellar sericite in the presence of La3+ and the pigmentary properties. *Applied Surface Science*, **2008**, 254, 7314-7320	6.7	23
26	Gas Phase Hydrogenation of Maleic Anhydride to γ-Butyrolactone by Cu–Zn–Ce Catalyst in the Presence of n-Butanol. *Catalysis Letters*, **2008**, 122, 176-182	2.8	24

25	Synthesis and characterization of mesoporous molecular sieve nanoparticles. *Journal of Porous Materials*, **2008**, 15, 67-73	2.4	13
24	Synthesis of isoamyl salicylate using a novel mesoporous titania superacid as a catalyst. *Korean Journal of Chemical Engineering*, **2008**, 25, 1008-1013	2.8	4
23	Effects of coating parameters on the morphology of SiO2-coated TiO2 and the pigmentary properties. *Applied Surface Science*, **2008**, 254, 2809-2819	6.7	46
22	Synergistic effect of silver seeds and organic modifiers on the morphology evolution mechanism of silver nanoparticles. *Applied Surface Science*, **2008**, 254, 6527-6536	6.7	26
21	Gas phase hydrogenation of maleic anhydride to tetrahydrofuran by Cu/ZnO/TiO2 catalysts in the presence of n-butanol. *Chemical Engineering Journal*, **2008**, 140, 488-496	14.7	25
20	Gas phase hydrogenation of maleic anhydride to γ-butyrolactone by Cu–Zn–Ti catalysts. *Catalysis Communications*, **2007**, 8, 193-199	3.2	38
19	Effects of organic modifiers on the size-controlled synthesis of hydroxyapatite nanorods. *Applied Surface Science*, **2007**, 253, 3311-3316	6.7	57
18	Effects of organic acids on the size-controlled synthesis of rutile TiO2 nanorods. *Applied Surface Science*, **2007**, 253, 9277-9282	6.7	18
17	Size-controlled synthesis of hydroxyapatite nanorods by chemical precipitation in the presence of organic modifiers. *Materials Science and Engineering C*, **2007**, 27, 865-869	8.3	91
16	Size-controlled synthesis of hydroxyapatite nanorods in the presence of organic modifiers. *Materials Letters*, **2007**, 61, 2084-2088	3.3	53
15	The effects of hydrothermal and thermal treatment on structure of Ni (or Co)-mesoporous molecular sieves. *Journal of Porous Materials*, **2007**, 14, 457-463	2.4	6
14	Hydrothermal synthesis of rutile TiO2 nanoparticles using hydroxyl and carboxyl group-containing organics as modifiers. *Materials Chemistry and Physics*, **2006**, 98, 231-235	4.4	26
13	EFFECTS OF DIFFERENT FUNCTIONAL GROUP-CONTAINING ORGANICS ON MORPHOLOGY-CONTROLLED SYNTHESIS OF SILVER NANOPARTICLES AT ROOM TEMPERATURE. *Acta Metallurgica Sinica (English Letters)*, **2006**, 19, 362-370	2.5	11
12	Cyclodehydration of 1,4-butanediol to tetrahydrofuran catalyzed by supported silicotungstic acid. *Catalysis Communications*, **2006**, 7, 778-782	3.2	21
11	Structural effect of tungsten oxides on selective oxidation of cyclopentene to glutaraldehyde. *Catalysis Communications*, **2006**, 7, 832-838	3.2	15
10	Modifier effects on chemical reduction synthesis of nanostructured copper. *Applied Surface Science*, **2006**, 253, 2727-2732	6.7	67
9	Cyclodehydration of 1,4-butanediol to tetrahydro- furan catalyzed by supported silicotungstic acid. *Reaction Kinetics and Catalysis Letters*, **2006**, 88, 233-241		3
8	Size-controlled synthesis of anatase TiO2 nanoparticles by carboxylic acid group-containing organics. *Materials Chemistry and Physics*, **2005**, 92, 595-599	4.4	28

7	Large-scale and size-controlled synthesis of silver nanoparticles under microwave irradiation. *Materials Chemistry and Physics*, **2004**, 83, 66-70	4.4	195
6	Novel synthesis of phase-pure nano-particulate anatase and rutile TiO2 using TiCl4 aqueous solutions. *Journal of Materials Chemistry*, **2002**, 12, 378-383		117
5	Environmental Remediation Using Catalysis Driven Under Electromagnetic Irradiation. *Catalysis Surveys From Asia*, **2002**, 5, 127-138		12
4	Enhanced Photocatalytic Dechlorination of 1,2,3,4-Tetrachlorobenzene Using Nanosized CdS/TiO2Hybrid Photocatalyst under Visible Light Irradiation. *Chemistry Letters*, **2001**, 30, 334-335	1.7	31
3	Hydrothermal synthesis of nanosized anatase and rutile TiO2 using amorphous phase TiO2. *Journal of Materials Chemistry*, **2001**, 11, 1694-1703		472
2	Photoreductive dehalogenation of halogenated benzene derivatives using ZnS or CdS nanocrystallites as photocatalysts. *Environmental Science & Technology*, **2001**, 35, 227-31	10.3	167
1	Preparation of Bimetallic CuxAgy Nanoparticles and their Catalytic Performance in Hydrogenation of 4-Nitrophenol with H2 to 4-Aminophenol. *Catalysis Letters*,1	2.8	0