

Jiale Huang

List of Publications by Year in descending order

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166
papers

8,896
citations

60835

43
h-index

47439

89
g-index

168
all docs

168
docs citations

168
times ranked

14742
citing authors

#	ARTICLE	IF	CITATIONS
1	Explosion in a Chemical Plant Producing Methyltris(methylethylketoxime)silane and Vinyltris(methylethylketoxime)silane from 2-Butanone Oxime. <i>Journal of Chemical Health and Safety</i> , 2024, 31, 44-56.	2.9	0
2	Earth Observation-Based Cyanobacterial Bloom Index Testing for Ecological Status Assessment in the Open, Coastal and Transitional Waters of the Baltic and Black Seas. <i>Remote Sensing</i> , 2024, 16, 696.	4.1	2
3	Catalytic pyrolysis of biomass to aromatics over bifunctional Ni/ZSM-5 catalysts assembled on rice husk-derived silica platform. <i>Chem Catalysis</i> , 2024, 4, 100958.	6.4	1
4	Supported AgCuCl Nanoclusters as Bimetal Catalysts for Propylene Epoxidation with Molecular Oxygen. <i>ACS Applied Nano Materials</i> , 2023, 6, 9687-9696.	5.2	0
5	Study on the Thermal Runaway of a Sport Camera Lithium-Ion Battery Associated with Instrumental Analysis of Its Components. <i>Journal of Chemical Health and Safety</i> , 2023, 30, 408-419.	2.9	1
6	Interfacial effects in CuO/Co ₃ O ₄ heterostructures enhance benzene catalytic oxidation performance. <i>Environmental Science: Nano</i> , 2022, 9, 781-796.	4.2	15
7	Activation of molecular oxygen over Mn-doped La ₂ CuO ₄ perovskite for direct epoxidation of propylene. <i>Catalysis Science and Technology</i> , 2022, 12, 2426-2437.	4.2	12
8	Effect of Ranged Short-Term Hypoxia on Functional and Morphological Parameters of Hemocytes in the Pacific Oyster <i>Crassostrea gigas</i> (Thunberg, 1793). <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2022, 58, 45-53.	0.5	2
9	Proteolysis-Targeting Chimera Molecules Targeting SHP2. <i>Future Medicinal Chemistry</i> , 2022, 14, 587-600.	2.4	5
10	Fabrication of multi-layered Co ₃ O ₄ /ZnO nanocatalysts for spectroscopic visualization: Effect of spatial positions on CO ₂ hydrogenation performance. <i>Fuel</i> , 2022, 321, 124042.	6.6	6
11	Fabrication of Pd/In ₂ O ₃ Nanocatalysts Derived from MIL-68(In) Loaded with Molecular Metalloporphyrin (TCPP(Pd)) Toward CO ₂ Hydrogenation to Methanol. <i>ACS Catalysis</i> , 2022, 12, 709-723.	11.7	32
12	Microorganism-Templated Nanoarchitectonics of Hollow TiO ₂ -SiO ₂ Microspheres with Enhanced Photocatalytic Activity for Degradation of Methyl Orange. <i>Nanomaterials</i> , 2022, 12, 1606.	4.2	7
13	Direct CO ₂ hydrogenation to light olefins over ZnZrOx mixed with hierarchically hollow SAPO-34 with rice husk as green silicon source and template. <i>Applied Catalysis B: Environmental</i> , 2022, 315, 121572.	20.7	36
14	Green synthesis of microspherical-confined nano-Pd/In ₂ O ₃ integrated with H-ZSM-5 as bifunctional catalyst for CO ₂ hydrogenation into dimethyl ether: A carbonized alginate templating strategy. <i>Separation and Purification Technology</i> , 2022, 297, 121559.	8.1	10
15	Semi-hydrogenation of α,β -unsaturated aldehydes over sandwich-structured nanocatalysts prepared by phase transformation of thin-film Al ₂ O ₃ to Al-TCPP. <i>Nanoscale</i> , 2022, 14, 15749-15759.	5.8	6
16	Enhanced active site extraction from perovskite LaCoO ₃ using encapsulated PdO for efficient CO ₂ methanation. <i>Journal of Energy Chemistry</i> , 2021, 53, 9-19.	13.4	20
17	State of arts on the bio-synthesis of noble metal nanoparticles and their biological application. <i>Chinese Journal of Chemical Engineering</i> , 2021, 30, 272-290.	3.5	30
18	Durable super-hydrophobic PDMS@SiO ₂ @WS ₂ sponge for efficient oil/water separation in complex marine environment. <i>Environmental Pollution</i> , 2021, 269, 116118.	7.7	48

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19	Confined growth of MOF nanocrystals using a "locked" metal ion source. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3976-3984.	10.5	16
20	The development of bifunctional catalysts for carbon dioxide hydrogenation to hydrocarbons via the methanol route: from single component to integrated components. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5197-5231.	10.5	28
21	Design and Synthesis of Bioinspired ZnZrO ₂ & Bio-ZSM-5 Integrated Nanocatalysts to Boost CO ₂ Hydrogenation to Light Olefins. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6446-6458.	6.9	28
22	Oxygen-Enriched Biomass-Activated Carbon Supported Platinum Nanoparticles as an Efficient and Durable Catalyst for Oxidation in Benzene. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7255-7266.	6.9	21
23	Waste Eggshell with naturally-functionalized sulfonic groups as excellent support for loading Pd and Ag nanoparticles towards enhanced 1,3-butadiene hydrogenation. <i>Molecular Catalysis</i> , 2021, 510, 111689.	2.1	4
24	Biogenic Mn _x O _y as an efficient catalyst in the catalytic abatement of benzene: From kinetic to mathematical modeling. <i>Molecular Catalysis</i> , 2021, 510, 111643.	2.1	2
25	Insight into the Effect of Copper Substitution on the Catalytic Performance of LaCoO ₃ -Based Catalysts for Direct Epoxidation of Propylene with Molecular Oxygen. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 794-808.	6.9	16
26	Preparation of supported In ₂ O ₃ /Pd nanocatalysts using natural pollen as bio-templates for CO ₂ hydrogenation to methanol: Effect of acid-etching on template. <i>Molecular Catalysis</i> , 2021, 516, 111945.	2.1	5
27	Waste eggshells to valuable Co ₃ O ₄ /CaCO ₃ materials as efficient catalysts for VOCs oxidation. <i>Molecular Catalysis</i> , 2020, 483, 110766.	2.1	29
28	Biogenic Pt/CaCO ₃ Nanocomposite as a Robust Catalyst toward Benzene Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2469-2480.	8.3	48
29	Seed-Induced Zeolitic TS-1 Immobilized with Bioinspired-Au Nanoparticles for Propylene Epoxidation with O ₂ and H ₂ . <i>Catalysis Letters</i> , 2020, 150, 1798-1811.	2.7	9
30	Calcified Shrimp Waste Supported Pd NPs as an Efficient Catalyst toward Benzene Destruction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 486-497.	6.9	22
31	Green synthesized iron nanoparticles as highly efficient fenton-like catalyst for degradation of dyes. <i>Chemosphere</i> , 2020, 261, 127618.	8.4	41
32	Biophenol-Mediated Solvent-Free Synthesis of Titanium Silicalite-1 to Improve the Acidity Character of Framework Ti toward Catalysis Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12177-12186.	6.9	14
33	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using $p \times p \text{ Collisions at } \sqrt{s} = 13 \text{ TeV}$ <i>Physical Review Letters</i> , 2020, 125, 051801.	8.0	105
34	Pd Supported on MIL-68(In)-Derived In ₂ O ₃ Nanotubes as Superior Catalysts to Boost CO ₂ Hydrogenation to Methanol. <i>ACS Catalysis</i> , 2020, 10, 13275-13289.	11.7	130
35	Engineering TiO ₂ nanosheets with exposed (001) facets via the incorporation of Au clusters for boosted photocatalytic hydrogen production. <i>Materials Advances</i> , 2020, 1, 1608-1612.	5.2	4
36	Hydrogenation of CO ₂ to Dimethyl Ether over Tandem Catalysts Based on Biotemplated Hierarchical ZSM-5 and Pd/ZnO. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14058-14070.	6.9	35

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37	Biomimetic Au/CeO ₂ Catalysts Decorated with Hemin or Ferrous Phthalocyanine for Improved CO Oxidation via Local Synergistic Effects. <i>IScience</i> , 2020, 23, 101852.	4.1	14
38	Waste Pd/Fish-Collagen as anode for energy storage. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 131, 109968.	16.7	16
39	Deep oxidation of benzene over LaCoO ₃ catalysts synthesized via a salt-assisted sol-gel process. <i>Molecular Catalysis</i> , 2020, 493, 111073.	2.1	7
40	Photoinduced Pt-Decorated Expanded Graphite toward Low-Temperature Benzene Catalytic Combustion. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 11453-11461.	3.8	16
41	Titanium silicalite-1 zeolite encapsulating Au particles as a catalyst for vapor phase propylene epoxidation with H ₂ /O ₂ : a matter of Au-Ti synergic interaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4428-4436.	10.5	39
42	Bovine serum albumin templated porous CeO ₂ to support Au catalyst for benzene oxidation. <i>Molecular Catalysis</i> , 2020, 486, 110849.	2.1	15
43	Aerobic oxidation of benzyl alcohol: Influence from catalysts basicity, acidity, and preparation methods. <i>Molecular Catalysis</i> , 2020, 485, 110789.	2.1	17
44	Solvent-free photo-thermocatalytic oxidation of benzyl alcohol on Pd/TiO ₂ (B) nanowires. <i>Molecular Catalysis</i> , 2020, 483, 110771.	2.1	12
45	Preparation and characterization of ethyl cellulose film modified with capsaicin. <i>Carbohydrate Polymers</i> , 2020, 241, 116259.	10.5	52
46	Preparation of Integrated CuO/ZnO/OS Nanocatalysts by Using Acid-Etched Oyster Shells as a Support for CO ₂ Hydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7162-7173.	6.9	18
47	Towards efficient Pd/Mn ₃ O ₄ catalyst with enhanced acidic sites and low temperature reducibility for Benzene abatement. <i>Molecular Catalysis</i> , 2019, 477, 110558.	2.1	17
48	M _x O _y -Zr ₂ (M = Zn, Co, Cu) Solid Solutions Derived from Schiff Base-Bridged UiO-66 Composites as High-Performance Catalysts for CO ₂ Hydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33263-33272.	8.3	70
49	Bioelectricity generation from the decolorization of reactive blue 19 by using microbial fuel cell. <i>Journal of Environmental Management</i> , 2019, 248, 109310.	7.9	35
50	Diatomite Supported Pt Nanoparticles as Efficient Catalyst for Benzene Removal. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14008-14015.	3.8	42
51	The Influence of Active Biomolecules in Plant Extracts on the Performance of Au/TS-1 Catalysts in Propylene Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2853-2859.	2.2	5
52	Biomass-Modified Au/TS-1 as Highly Efficient and Stable Nanocatalysts for Propene Epoxidation with O ₂ and H ₂ . <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21953-21960.	3.8	14
53	Green Fabrication of Integrated Au/CuO/Oyster Shell Nanocatalysts with Oyster Shells as Alternative Supports for CO Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17768-17777.	6.9	22
54	Influence of Preparation Methods on the Catalytic Activity of Pd-Cu/Mn ₂ O ₃ Catalyst in the Hydrogenation of 1,3-Butadiene. <i>ACS Omega</i> , 2019, 4, 1300-1310.	3.6	18

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55	Coral-like CoMnO ₃ as a Highly Active Catalyst for Benzene Catalytic Oxidation. Industrial & Engineering Chemistry Research, 2019, 58, 2882-2890.	3.8	46
56	Enhanced catalytic benzene oxidation over a novel waste-derived Ag/eggshell catalyst. Journal of Materials Chemistry A, 2019, 7, 8832-8844.	10.5	94
57	High-Flux and Robust Co ₃ O ₄ Mesh for Efficient Oil/Water Separation in Harsh Environment. ACS Omega, 2019, 4, 7385-7390.	3.6	23
58	Green Photocatalytic Oxidation of Benzyl Alcohol over Noble-Metal-Modified H ₂ Ti ₃ O ₇ Nanowires. ACS Sustainable Chemistry and Engineering, 2019, 7, 9717-9726.	6.9	46
59	Role of Mineral Nutrients in Plant-Mediated Synthesis of Three-Dimensional Porous LaCo ₃ . Industrial & Engineering Chemistry Research, 2019, 58, 8555-8564.	3.8	11
60	Template-free synthesis of carbon self-doped ZnO superstructures as efficient support for ultra fine Pd nanoparticles and their catalytic activity towards benzene oxidation. Molecular Catalysis, 2019, 469, 118-130.	2.1	27
61	g-C ₃ N ₄ @SiC@Pt for Enhanced Photocatalytic H ₂ Production from Water under Visible Light Irradiation. Energy Technology, 2019, 7, 1900017.	3.8	16
62	HHT-based power quality analysis and energy efficiency management. , 2019, , .		2
63	Catalytic benzene oxidation by biogenic Pd nanoparticles over 3D-ordered mesoporous CeO ₂ . Chemical Engineering Journal, 2019, 362, 41-52.	13.0	104
64	Cu ₂ -xS loaded diatom nanocomposites as novel photocatalysts for efficient photocatalytic degradation of organic pollutants. Catalysis Today, 2019, 335, 228-235.	4.9	29
65	Activity and stability of titanosilicate supported Au catalyst for propylene epoxidation with H ₂ and O ₂ . Molecular Catalysis, 2018, 448, 144-152.	2.1	39
66	HIV prevalence among female sex workers in Guigang City, Guangxi, China: an 8-year consecutive cross-sectional study. BMC Public Health, 2018, 18, 450.	3.0	9
67	Rape Pollen-Templated Synthesis of C,N Self-Doped Hierarchical TiO ₂ for Selective Hydrogenation of 1,3-Butadiene. ACS Sustainable Chemistry and Engineering, 2018, 6, 882-888.	6.9	42
68	High Catalytic Stability for CO Oxidation over Au/TiO ₂ Catalysts by <i>Cinnamomum camphora</i> Leaf Extract. Industrial & Engineering Chemistry Research, 2018, 57, 14910-14914.	3.8	16
69	Biosynthesis of Ag-Pd bimetallic alloy nanoparticles through hydrolysis of cellulose triggered by silver sulfate. RSC Advances, 2018, 8, 30340-30345.	3.7	15
70	One-Step Synthesis of Au-Ag Nanowires through Microorganism-Mediated, CTAB-Directed Approach. Nanomaterials, 2018, 8, 376.	4.2	4
71	Facile morphology control of 3D porous CeO ₂ for CO oxidation. RSC Advances, 2018, 8, 21658-21663.	3.7	10
72	Ascorbic acid assisted bio-synthesis of Pd-Pt nanoflowers with enhanced electrochemical properties.. Electrochimica Acta, 2017, 228, 474-482.	5.4	23

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73	Separation of biosynthesized gold nanoparticles by density gradient centrifugation. Separation Science and Technology, 2017, 52, 951-957.	2.5	2
74	Silane surface modification of boron nitride for high thermal conductivity with polyphenylene sulfide via melt mixing method. Polymers for Advanced Technologies, 2017, 28, 1489-1494.	3.2	35
75	Plant-Mediated Synthesis of Zinc Oxide Supported Nickel-Palladium Alloy Catalyst for the Selective Hydrogenation of 1,3-Butadiene. ChemCatChem, 2017, 9, 870-881.	3.8	24
76	Strong Near-Infrared Absorbing and Biocompatible CuS Nanoparticles for Rapid and Efficient Photothermal Ablation of Gram-Positive and -Negative Bacteria. ACS Applied Materials & Interfaces, 2017, 9, 36606-36614.	8.3	187
77	Biosynthesized Pd-Al ₂ O ₃ catalysts for low-temperature 1,3-butadiene hydrogenation: the effect of calcination atmosphere. New Journal of Chemistry, 2017, 41, 13036-13042.	2.7	7
78	Plant-Mediated Synthesis of Pd Catalysts toward Selective Hydrogenation of 1,3-Butadiene: The Effect of Halide Ions. Industrial & Engineering Chemistry Research, 2017, 56, 10623-10630.	3.8	21
79	Ultra-efficient removal of chromium from aqueous medium by biogenic iron based nanoparticles. Separation and Purification Technology, 2017, 174, 466-473.	8.1	64
80	Alternative method for preparation of Au/TiO ₂ with precise Au ⁰ /Au ⁺ . Journal of Chemical Technology and Biotechnology, 2016, 91, 2125-2130.	3.1	13
81	Synthesis of ZnO micro-flowers assisted by a plant-mediated strategy. Journal of Chemical Technology and Biotechnology, 2016, 91, 1493-1504.	3.1	13
82	Monodisperse AgPd alloy nanoparticles as a highly active catalyst towards the methanolysis of ammonia borane for hydrogen generation. RSC Advances, 2016, 6, 105940-105947.	3.7	55
83	Plant-mediated synthesis of highly active iron nanoparticles for Cr (VI) removal: Investigation of the leading biomolecules. Chemosphere, 2016, 150, 357-364.	8.4	103
84	Preparation of a graphitic ordered mesoporous carbon and its application in sorption of ciprofloxacin: Kinetics, isotherm, adsorption mechanisms studies. Microporous and Mesoporous Materials, 2016, 228, 196-206.	4.5	97
85	Heterogeneous Pd catalyst for mild solvent-free oxidation of benzyl alcohol. Journal of Molecular Catalysis A, 2016, 425, 61-67.	4.8	48
86	Propylene epoxidation over biogenic Au/TS-1 catalysts by Cinnamomum camphora extract in the presence of H ₂ and O ₂ . Applied Surface Science, 2016, 366, 292-298.	6.3	29
87	Microorganism-assisted synthesis of Au/Pd/Ag nanowires. Materials Letters, 2016, 165, 29-32.	2.7	16
88	PdO/LaCoO ₃ heterojunction photocatalysts for highly hydrogen production from formaldehyde aqueous solution under visible light. International Journal of Hydrogen Energy, 2016, 41, 6115-6122.	7.2	73
89	Preparation of Ag ⁺ -Al ₂ O ₃ for ethylene epoxidation by an impregnation-bioreduction process with Cinnamomum camphora extract. Chemical Engineering Journal, 2016, 284, 149-157.	13.0	10
90	Synthesis, Characterization, and Sintering of Yttrium Aluminum Garnet Powder Through Double Hydrolysis Approach. Powder Metallurgy and Metal Ceramics, 2015, 54, 450-454.	0.9	2

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91	Microorganism-mediated, CTAC-directed synthesis of SERS-sensitive Au nanohorns with three-dimensional nanostructures by <i>Escherichia coli</i> cells. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 678-685.	3.1	11
92	Optimization of pyrethroid and repellent on fabrics against <i>Stegomyia albopicta</i> (<i>Aedes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 37-43.	1.6	13
93	Efficient Ag/CeO ₂ catalysts for CO oxidation prepared with microwave-assisted biosynthesis. <i>Chemical Engineering Journal</i> , 2015, 269, 105-112.	13.0	42
94	Novel AuPd nanostructures for hydrogenation of 1,3-butadiene. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4846-4854.	10.5	21
95	Bio-inspired synthesis of metal nanomaterials and applications. <i>Chemical Society Reviews</i> , 2015, 44, 6330-6374.	40.3	414
96	Separation of different shape biosynthesized gold nanoparticles via agarose gel electrophoresis. <i>Separation and Purification Technology</i> , 2015, 151, 332-337.	8.1	13
97	Microwave-Assisted Biosynthesis of Ag/ZrO ₂ Catalyst with Excellent Activity toward Selective Oxidation of 1,2-Propanediol. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 5373-5380.	3.8	11
98	Catalytic Application of Biogenic Platinum Nanoparticles for the Hydrogenation of Cinnamaldehyde to Cinnamyl Alcohol. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 967-973.	0.6	6
99	Ni ₂ P-Graphite Nanoplatelets Supported Au@Pd Core-Shell Nanoparticles with Superior Electrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2015, 119, 10469-10477.	3.3	29
100	Template-free biosynthesis of flowerlike CuO microstructures using <i>Cinnamomum camphora</i> leaf extract at room temperature. <i>Materials Letters</i> , 2015, 161, 387-390.	2.7	7
101	Facile synthesis of porous Pd nanoflowers with excellent catalytic activity towards CO oxidation. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 1907-1915.	3.5	20
102	Fabrication of Pd/Al ₂ O ₃ catalysts for hydrogenation of 2-ethyl-9,10-anthraquinone assisted by plant-mediated strategy. <i>Chemical Engineering Journal</i> , 2015, 262, 356-363.	13.0	39
103	Highly efficient hydrogen generation from methanolysis of ammonia borane on CuPd alloy nanoparticles. <i>Nanotechnology</i> , 2015, 26, 025401.	2.7	20
104	A comprehensive study on the effect of preparation methods for Au-core@shell silica materials in room temperature oxidative amide formation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 789-796.	10.5	5
105	Hydrothermal synthesis of 3D hollow porous Fe ₃ O ₄ microspheres towards catalytic removal of organic pollutants. <i>Nanoscale Research Letters</i> , 2014, 9, 648.	5.9	28
106	Continuous-flow biosynthesis of Au@Ag bimetallic nanoparticles in a microreactor. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	2.0	10
107	Plant-Mediated Fabrication and Surface Enhanced Raman Property of Flower-Like Au@Pd Nanoparticles. <i>Materials</i> , 2014, 7, 1360-1369.	3.0	30
108	Biosynthesis of silver nanoparticles through tandem hydrolysis of silver sulfate and cellulose under hydrothermal conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1817-1824.	3.1	6

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109	Facile fabrication of Pd nanoparticle/ <i>Pichia pastoris</i> catalysts through adsorption-reduction method: A study into effect of chemical pretreatment. <i>Journal of Colloid and Interface Science</i> , 2014, 433, 204-210.	9.6	18
110	Microorganism-mediated, CTAB-directed synthesis of hierarchically branched Au nanowire/ <i>Escherichia coli</i> nanocomposites with strong near-infrared absorbance. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1410-1418.	3.1	15
111	Effects of Biomolecules on the Selectivity of Biosynthesized Pd/MgO Catalyst toward Selective Oxidation of Benzyl Alcohol. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 19128-19135.	3.8	11
112	Microorganism-mediated, CTAB-directed aggregation of Au nanostructures around <i>Escherichia coli</i> cells: Towards enhanced Au recovery through coordination of cell-CTAB-ascorbic acid. <i>Separation and Purification Technology</i> , 2014, 133, 380-387.	8.1	5
113	Biosynthesized gold nanoparticles supported over TS-1 toward efficient catalyst for epoxidation of styrene. <i>Chemical Engineering Journal</i> , 2014, 235, 215-223.	13.0	54
114	Alkaline extraction and acid precipitation of phenolic compounds from longan (<i>Dimocarpus longan</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.1	36
115	Plant-mediated synthesis of size-controllable Ni nanoparticles with alfalfa extract. <i>Materials Letters</i> , 2014, 122, 166-169.	2.7	54
116	Biosynthesis of flat silver nanoflowers: from <i>Flos Magnoliae Officinalis</i> extract to simulation solution. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	2.0	5
117	Biosynthesized Ag ₁ -Al ₂ O ₃ catalyst for ethylene epoxidation: the influence of silver precursors. <i>RSC Advances</i> , 2014, 4, 27597-27603.	3.7	30
118	Modeling of Silver Nanoparticle Formation in a Microreactor: Reaction Kinetics Coupled with Population Balance Model and Fluid Dynamics. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 4263-4270.	3.8	21
119	Ethanol-dependent solvothermal synthesis of monodispersed YAG powders with precursor obtained through bubbling ammonia. <i>Ceramics International</i> , 2014, 40, 16317-16321.	4.9	14
120	Insights into formation kinetics of gold nanoparticles using the classical JMAK model. <i>Chemical Physics</i> , 2014, 441, 23-29.	2.0	21
121	Biosynthesized Bimetallic Au-Pd Nanoparticles Supported on TiO ₂ for Solvent-Free Oxidation of Benzyl Alcohol. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1752-1759.	6.9	103
122	Influence of Au Particle Size on Au/TiO ₂ Catalysts for CO Oxidation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19150-19157.	3.3	79
123	Biogenic flower-shaped Au-Pd nanoparticles: synthesis, SERS detection and catalysis towards benzyl alcohol oxidation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1767-1773.	10.5	75
124	Roles of Biomolecules in the Biosynthesis of Silver Nanoparticles: Case of <i>Gardenia jasminoides</i> Extract. <i>Chinese Journal of Chemical Engineering</i> , 2014, 22, 706-712.	3.5	26
125	Adsorption of anionic and cationic dyes on ferromagnetic ordered mesoporous carbon from aqueous solution: Equilibrium, thermodynamic and kinetics. <i>Journal of Colloid and Interface Science</i> , 2014, 430, 272-282.	9.6	152
126	Microorganism-Mediated Fabrication and Antibacterial Performance of Agα-Al&# Composites. <i>Current Nanoscience</i> , 2014, 10, 271-276.	1.3	2

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127	Quantitative nucleation and growth kinetics of gold nanoparticles via model-assisted dynamic spectroscopic approach. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 8-16.	9.6	28
128	Fabrication of Au/Pd alloy nanoparticle/ <i>Pichia pastoris</i> composites: a microorganism-mediated approach. <i>RSC Advances</i> , 2013, 3, 15389.	3.7	16
129	Catalytic gold nanoparticles immobilized on yeast: From biosorption to bioreduction. <i>Chemical Engineering Journal</i> , 2013, 225, 857-864.	13.0	47
130	Co-precipitation synthesis and two-step sintering of YAG powders for transparent ceramics. <i>Ceramics International</i> , 2013, 39, 7983-7988.	4.9	27
131	Microorganism-mediated synthesis of chemically difficult-to-synthesize Au nanohorns with excellent optical properties in the presence of hexadecyltrimethylammonium chloride. <i>Nanoscale</i> , 2013, 5, 6599.	5.8	33
132	Green synthesis of Au-Ag alloy nanoparticles using <i>Cacumen platycladi</i> extract. <i>RSC Advances</i> , 2013, 3, 1878-1884.	3.7	94
133	Production of Silver Nanoparticles in a Continuous Stirred Tank Reactor Based on Plant-Mediated Biosynthesis: Flow Behaviors and Residence Time Distribution Prediction by Computational Fluid Dynamics Simulation. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 2280-2289.	3.8	12
134	Anatase type extra-framework titanium in TS-1: A vital factor influencing the catalytic activity toward styrene epoxidation. <i>Applied Catalysis A: General</i> , 2013, 459, 1-7.	4.6	54
135	Plant-mediated synthesis of platinum nanoparticles and its bioreductive mechanism. <i>Journal of Colloid and Interface Science</i> , 2013, 396, 138-145.	9.6	129
136	Two-step size- and shape-separation of biosynthesized gold nanoparticles. <i>Separation and Purification Technology</i> , 2013, 106, 117-122.	8.1	41
137	Investigation of active biomolecules involved in the nucleation and growth of gold nanoparticles by <i>Artocarpus heterophyllus</i> Lam leaf extract. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	2.0	35
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