

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	Biosynthesis of silver and gold nanoparticles by novel sundried <i>Cinnamomum camphora</i> leaf. <i>Nanotechnology</i> , 2007, 18, 105104.	2.7	1,403
2	Role of conserved non-coding DNA elements in the <i>Foxp3</i> gene in regulatory T-cell fate. <i>Nature</i> , 2010, 463, 808-812.	36.2	1,030
3	Bio-inspired synthesis of metal nanomaterials and applications. <i>Chemical Society Reviews</i> , 2015, 44, 6330-6374.	40.3	414
4	Green synthesis of palladium nanoparticles using broth of <i>Cinnamomum camphora</i> leaf. <i>Journal of Nanoparticle Research</i> , 2010, 12, 1589-1598.	2.0	317
5	Green synthesis of Au-Pd bimetallic nanoparticles: Single-step bioreduction method with plant extract. <i>Materials Letters</i> , 2011, 65, 2989-2991.	2.7	188
6	Strong Near-Infrared Absorbing and Biocompatible CuS Nanoparticles for Rapid and Efficient Photothermal Ablation of Gram-Positive and -Negative Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 36606-36614.	8.3	187
7	Biogenic Silver Nanoparticles by <i>Cacumen Platycladi</i> Extract: Synthesis, Formation Mechanism, and Antibacterial Activity. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 9095-9106.	3.8	174
8	Rapid Preparation Process of Silver Nanoparticles by Bioreduction and Their Characterizations. <i>Chinese Journal of Chemical Engineering</i> , 2006, 14, 114-117.	3.5	169
9	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
10	Nature factory of silver nanowires: Plant-mediated synthesis using broth of <i>Cassia fistula</i> leaf. <i>Chemical Engineering Journal</i> , 2010, 162, 852-858.	13.0	137
11	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
12	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
13	Ionic liquid-enhanced immobilization of biosynthesized Au nanoparticles on TS-1 toward efficient catalysts for propylene epoxidation. <i>Journal of Catalysis</i> , 2011, 283, 192-201.	6.5	119
14	Continuous-Flow Biosynthesis of Silver Nanoparticles by Lixivium of Sundried <i>Cinnamomum camphora</i> Leaf in Tubular Microreactors. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 6081-6090.	3.8	108
15	Liquid phase oxidation of benzyl alcohol to benzaldehyde with novel uncalcined bioreduction Au catalysts: High activity and durability. <i>Chemical Engineering Journal</i> , 2012, 187, 232-238.	13.0	105
16	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{Collisions at } \langle \text{mml:math} \rangle \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$	8.0	105
17	Physical Review Letters, 2020, 125, 051801. Catalytic benzene oxidation by biogenic Pd nanoparticles over 3D-ordered mesoporous CeO ₂ . <i>Chemical Engineering Journal</i> , 2019, 362, 41-52.	13.0	104
18	Biosynthesis of Gold Nanoparticles by Foliar Broths: Roles of Biocompounds and Other Attributes of the Extracts. <i>Nanoscale Research Letters</i> , 2010, 5, 1351-1359.	5.9	103

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19	Biosynthesized Bimetallic Au@Pd Nanoparticles Supported on TiO ₂ for Solvent-Free Oxidation of Benzyl Alcohol. ACS Sustainable Chemistry and Engineering, 2014, 2, 1752-1759.	6.9	103
20	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
21	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
22	Green synthesis of Au@Ag alloy nanoparticles using Cacumen platycladi extract. RSC Advances, 2013, 3, 1878-1884.	3.7	94
23	Enhanced catalytic benzene oxidation over a novel waste-derived Ag/eggshell catalyst. Journal of Materials Chemistry A, 2019, 7, 8832-8844.	10.5	94
24	Synthesis of gold nanoparticles by Cacumen Platycladi leaf extract and its simulated solution: toward the plant-mediated biosynthetic mechanism. Journal of Nanoparticle Research, 2011, 13, 4957-4968.	2.0	85
25	Bimetallic Au@Pd/MgO as efficient catalysts for aerobic oxidation of benzyl alcohol: A green bio-reducing preparation method. Applied Catalysis A: General, 2012, 439-440, 179-186.	4.6	80
26	Influence of Au Particle Size on Au/TiO ₂ Catalysts for CO Oxidation. Journal of Physical Chemistry C, 2014, 118, 19150-19157.	3.3	79
27	Biogenic flower-shaped Au@Pd nanoparticles: synthesis, SERS detection and catalysis towards benzyl alcohol oxidation. Journal of Materials Chemistry A, 2014, 2, 1767-1773.	10.5	75
28	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
29	M _x O _y @ZrO ₂ (M = Zn, Co, Cu) Solid Solutions Derived from Schiff Base-Bridged UiO-66 Composites as High-Performance Catalysts for CO ₂ Hydrogenation. ACS Applied Materials & Interfaces, 2019, 11, 33263-33272.	8.3	70
30	Optimization of polyhydroxybutyrate (PHB) production by excess activated sludge and microbial community analysis. Journal of Hazardous Materials, 2011, 185, 8-16.	12.6	67
31	Ultra-efficient removal of chromium from aqueous medium by biogenic iron based nanoparticles. Separation and Purification Technology, 2017, 174, 466-473.	8.1	64
32	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
33	Anatase type extra-framework titanium in TS-1: A vital factor influencing the catalytic activity toward styrene epoxidation. Applied Catalysis A: General, 2013, 459, 1-7.	4.6	54
34	Biosynthesized gold nanoparticles supported over TS-1 toward efficient catalyst for epoxidation of styrene. Chemical Engineering Journal, 2014, 235, 215-223.	13.0	54
35	Plant-mediated synthesis of size-controllable Ni nanoparticles with alfalfa extract. Materials Letters, 2014, 122, 166-169.	2.7	54
36	Preparation and characterization of ethyl cellulose film modified with capsaicin. Carbohydrate Polymers, 2020, 241, 116259.	10.5	52

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37	Heterogeneous Pd catalyst for mild solvent-free oxidation of benzyl alcohol. <i>Journal of Molecular Catalysis A</i> , 2016, 425, 61-67.	4.8	48
38	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
39	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
40	Catalytic gold nanoparticles immobilized on yeast: From biosorption to bioreduction. <i>Chemical Engineering Journal</i> , 2013, 225, 857-864.	13.0	47
41	Kinetics of liquid phase oxidation of benzyl alcohol with hydrogen peroxide over bio-reduced Au/TS-1 catalysts. <i>Journal of Molecular Catalysis A</i> , 2013, 366, 215-221.	4.8	46
42	Coral-like CoMnO _x as a Highly Active Catalyst for Benzene Catalytic Oxidation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 2882-2890.	3.8	46
43	Green Photocatalytic Oxidation of Benzyl Alcohol over Noble-Metal-Modified H ₂ Ti ₃ O ₇ Nanowires. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9717-9726.	6.9	46
44	Green synthesis of Au/TS-1 catalysts via two novel modes and their surprising performance for propylene epoxidation. <i>Catalysis Communications</i> , 2011, 12, 830-833.	3.4	45
45	A General Strategy for the Biosynthesis of Gold Nanoparticles by Traditional Chinese Medicines and Their Potential Application as Catalysts. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1050-1054.	3.5	43
46	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
47	Rape Pollen-Templated Synthesis of C,N Self-Doped Hierarchical TiO ₂ for Selective Hydrogenation of 1,3-Butadiene. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 882-888.	6.9	42
48	Diatomite Supported Pt Nanoparticles as Efficient Catalyst for Benzene Removal. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14008-14015.	3.8	42
49	Two-step size- and shape-separation of biosynthesized gold nanoparticles. <i>Separation and Purification Technology</i> , 2013, 106, 117-122.	8.1	41
50	Green synthesized iron nanoparticles as highly efficient fenton-like catalyst for degradation of dyes. <i>Chemosphere</i> , 2020, 261, 127618.	8.4	41
51	Fabrication of Pd/γ-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
52	Activity and stability of titanosilicate supported Au catalyst for propylene epoxidation with H ₂ and O ₂ . <i>Molecular Catalysis</i> , 2018, 448, 144-152.	2.1	39
53	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
54	Microfluidic biosynthesis of silver nanoparticles: Effect of process parameters on size distribution. <i>Chemical Engineering Journal</i> , 2012, 209, 568-576.	13.0	38

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55	Synthesis of Gold Nanoplates with Bioreducing Agent Using Syringe Pumps: A Kinetic Control. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 15753-15762.	3.8	37
56	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
57	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
58	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
59	Silane surface modification of boron nitride for high thermal conductivity with polyphenylene sulfide via melt mixing method. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1489-1494.	3.2	35
60	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
61	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
62	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
63	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
64	Plant-Mediated Fabrication and Surface Enhanced Raman Property of Flower-Like Au@Pd Nanoparticles. <i>Materials</i> , 2014, 7, 1360-1369.	3.0	30
65	Biosynthesized Ag/Al ₂ O ₃ catalyst for ethylene epoxidation: the influence of silver precursors. <i>RSC Advances</i> , 2014, 4, 27597-27603.	3.7	30
66	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
67	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
68	Propylene epoxidation over biogenic Au/TS-1 catalysts by <i>Cinnamomum camphora</i> extract in the presence of H ₂ and O ₂ . <i>Applied Surface Science</i> , 2016, 366, 292-298.	6.3	29
69	Cu ₂ -xS loaded diatom nanocomposites as novel photocatalysts for efficient photocatalytic degradation of organic pollutants. <i>Catalysis Today</i> , 2019, 335, 228-235.	4.9	29
70	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
71	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
72	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

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73	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
74	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
75	Co-precipitation synthesis and two-step sintering of YAG powders for transparent ceramics. <i>Ceramics International</i> , 2013, 39, 7983-7988.	4.9	27
76	Template-free synthesis of carbon self-doped ZnO superstructures as efficient support for ultra fine Pd nanoparticles and their catalytic activity towards benzene oxidation. <i>Molecular Catalysis</i> , 2019, 469, 118-130.	2.1	27
77	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
78	Plant-Mediated Synthesis of Zinc Oxide Supported Nickel-Palladium Alloy Catalyst for the Selective Hydrogenation of 1,3-Butadiene. <i>ChemCatChem</i> , 2017, 9, 870-881.	3.8	24
79	Ascorbic acid assisted bio-synthesis of Pd-Pt nanoflowers with enhanced electrochemical properties. <i>Electrochimica Acta</i> , 2017, 228, 474-482.	5.4	23
80	High-Flux and Robust Co ₃ O ₄ Mesh for Efficient Oil/Water Separation in Harsh Environment. <i>ACS Omega</i> , 2019, 4, 7385-7390.	3.6	23
81	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
82	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
83	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
84	Insights into formation kinetics of gold nanoparticles using the classical JMAK model. <i>Chemical Physics</i> , 2014, 441, 23-29.	2.0	21
85	Novel AuPd nanostructures for hydrogenation of 1,3-butadiene. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4846-4854.	10.5	21
86	Plant-Mediated Synthesis of Pd Catalysts toward Selective Hydrogenation of 1,3-Butadiene: The Effect of Halide Ions. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 10623-10630.	3.8	21
87	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
88	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
89	Highly efficient hydrogen generation from methanolysis of ammonia borane on CuPd alloy nanoparticles. <i>Nanotechnology</i> , 2015, 26, 025401.	2.7	20
90	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

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91	Stable Silver Nanoparticles with Narrow Size Distribution Non-enzymatically Synthesized by <i>Aeromonas</i> sp. SH10 Cells in the Presence of Hydroxyl Ions. <i>Current Nanoscience</i> , 2012, 8, 838-846.	1.3	19
92	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
93	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
94	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
95	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
96	Aerobic oxidation of benzyl alcohol: Influence from catalysts basicity, acidity, and preparation methods. <i>Molecular Catalysis</i> , 2020, 485, 110789.	2.1	17
97	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
98	Microorganism-assisted synthesis of Au/Pd/Ag nanowires. <i>Materials Letters</i> , 2016, 165, 29-32.	2.7	16
99	High Catalytic Stability for CO Oxidation over Au/TiO ₂ Catalysts by <i>Cinnamomum camphora</i> Leaf Extract. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 14910-14914.	3.8	16
100	g-C ₃ N ₄ @SiC@Pt for Enhanced Photocatalytic H ₂ Production from Water under Visible Light Irradiation. <i>Energy Technology</i> , 2019, 7, 1900017.	3.8	16
101	Waste Pd/Fish-Collagen as anode for energy storage. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 131, 109968.	16.7	16
102	Photoinduced Pt-Decorated Expanded Graphite toward Low-Temperature Benzene Catalytic Combustion. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 11453-11461.	3.8	16
103	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
104	Insight into the Effect of Copper Substitution on the Catalytic Performance of LaCo 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
105	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
106	Biosynthesis of Ag-Pd bimetallic alloy nanoparticles through hydrolysis of cellulose triggered by silver sulfate. <i>RSC Advances</i> , 2018, 8, 30340-30345.	3.7	15
107	Bovine serum albumin templated porous CeO ₂ to support Au catalyst for benzene oxidation. <i>Molecular Catalysis</i> , 2020, 486, 110849.	2.1	15
108	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

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109	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
110	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
111	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
112	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
113	Optimization of pyrethroid and repellent on fabrics against <i>Stegomyia albopicta</i> (<i>Aedes</i>) Tj ETQq1 1 0.784314 rgBT /Overl 37-43.	1.6	13
114	Separation of different shape biosynthesized gold nanoparticles via agarose gel electrophoresis. <i>Separation and Purification Technology</i> , 2015, 151, 332-337.	8.1	13
115	Alternative method for preparation of Au/TiO ₂ with precise Au ⁰ /Au ^{I+} . <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 2125-2130.	3.1	13
116	Synthesis of ZnO micro-flowers assisted by a plant-mediated strategy. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1493-1504.	3.1	13
117	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
118	Preparation of Ag/Al ₂ O ₃ for ethylene epoxidation through thermal decomposition assisted by extract of <i>Cinnamomum camphora</i> . <i>RSC Advances</i> , 2013, 3, 20732.	3.7	12
119	Solvent-free photo-thermocatalytic oxidation of benzyl alcohol on Pd/TiO ₂ (B) nanowires. <i>Molecular Catalysis</i> , 2020, 483, 110771.	2.1	12
120	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
121	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
122	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
123	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
124	Role of Mineral Nutrients in Plant-Mediated Synthesis of Three-Dimensional Porous LaCoO ₃ . <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8555-8564.	3.8	11
125	Optimization of Green Synthesis of Potassium Diformate and Its Potential as a Mold Inhibitor for Animal Feed. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 5981-5985.	3.8	10
126	Continuous-flow biosynthesis of Au-Ag bimetallic nanoparticles in a microreactor. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	2.0	10

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127	Preparation of Ag [±] -Al ₂ O ₃ for ethylene epoxidation by an impregnation-bioreduction process with Cinnamomum camphora extract. <i>Chemical Engineering Journal</i> , 2016, 284, 149-157.	13.0	10
128	Facile morphology control of 3D porous CeO ₂ for CO oxidation. <i>RSC Advances</i> , 2018, 8, 21658-21663.	3.7	10
129	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
130	HIV prevalence among female sex workers in Guigang City, Guangxi, China: an 8-year consecutive cross-sectional study. <i>BMC Public Health</i> , 2018, 18, 450.	3.0	9
131	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
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