

Huimei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,227
citations

686830

13
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

2172
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of stable bio-Pd catalysts for environmental pollutant remediation. RSC Advances, 2021, 11, 36174-36180.	1.7	1
2	One-Step Synthesis of Au-Ag Nanowires through Microorganism-Mediated, CTAB-Directed Approach. Nanomaterials, 2018, 8, 376.	1.9	3
3	Palladium modified gold nanoparticles as electrocatalysts for ethanol electrooxidation. Journal of Power Sources, 2016, 321, 264-269.	4.0	31
4	Recent advances in palladium-based electrocatalysts for fuel cell reactions and hydrogen evolution reaction. Nano Energy, 2016, 29, 198-219.	8.2	294
5	Microorganism-mediated, CTAC-directed synthesis of SERS-sensitive Au nanohorns with three-dimensional nanostructures by <i>Escherichia coli</i> cells. Journal of Chemical Technology and Biotechnology, 2015, 90, 678-685.	1.6	11
6	Rapid Au recovery from aqueous solution by a microorganism-mediated, surfactant-directed approach: Effect of surfactants and SERS of bio-Au. Chemical Engineering Journal, 2015, 267, 43-50.	6.6	12
7	Novel AuPd nanostructures for hydrogenation of 1,3-butadiene. Journal of Materials Chemistry A, 2015, 3, 4846-4854.	5.2	21
8	Bio-inspired synthesis of metal nanomaterials and applications. Chemical Society Reviews, 2015, 44, 6330-6374.	18.7	395
9	Catalytic Application of Biogenic Platinum Nanoparticles for the Hydrogenation of Cinnamaldehyde to Cinnamyl Alcohol. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 967-973.	0.6	6
10	Fabrication of Pd/Al ₂ O ₃ catalysts for hydrogenation of 2-ethyl-9,10-anthraquinone assisted by plant-mediated strategy. Chemical Engineering Journal, 2015, 262, 356-363.	6.6	38
11	Biosynthesis of silver nanoparticles through tandem hydrolysis of silver sulfate and cellulose under hydrothermal conditions. Journal of Chemical Technology and Biotechnology, 2014, 89, 1817-1824.	1.6	4
12	Facile fabrication of Pd nanoparticle/ <i>Pichia pastoris</i> catalysts through adsorption-reduction method: A study into effect of chemical pretreatment. Journal of Colloid and Interface Science, 2014, 433, 204-210.	5.0	18
13	Plant-mediated synthesis of size-controllable Ni nanoparticles with alfalfa extract. Materials Letters, 2014, 122, 166-169.	1.3	51
14	Biosynthesized Ag-Al ₂ O ₃ catalyst for ethylene epoxidation: the influence of silver precursors. RSC Advances, 2014, 4, 27597-27603.	1.7	29
15	Plant-Mediated Synthesis of Ag-Pd Alloy Nanoparticles and Their Application as Catalyst toward Selective Hydrogenation. ACS Sustainable Chemistry and Engineering, 2014, 2, 1212-1218.	3.2	72
16	Microorganism-Mediated Fabrication and Antibacterial Performance of Ag-Al ₂ O ₃ Composites. Current Nanoscience, 2014, 10, 271-276.	0.7	2
17	Fabrication of Au/Pd alloy nanoparticle/ <i>Pichia pastoris</i> composites: a microorganism-mediated approach. RSC Advances, 2013, 3, 15389.	1.7	16
18	Microorganism-mediated synthesis of chemically difficult-to-synthesize Au nanohorns with excellent optical properties in the presence of hexadecyltrimethylammonium chloride. Nanoscale, 2013, 5, 6599.	2.8	32

#	ARTICLE	IF	CITATIONS
19	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.	0.7	19
20	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.	1.8	171