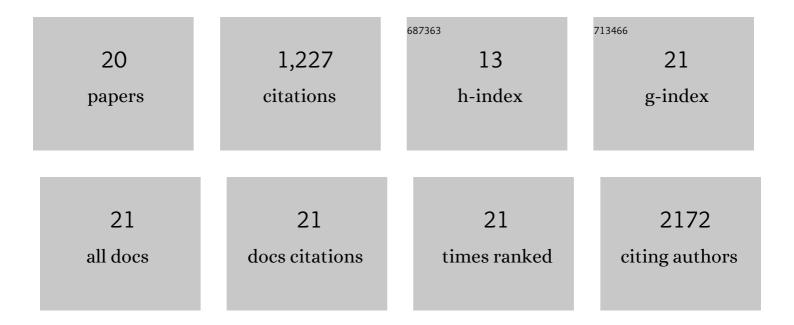
Huimei Chen

List of Publications by Year in descending order

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HIIIMEL CHEN

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Construction of stable bio-Pd catalysts for environmental pollutant remediation. RSC Advances, 2021, 11, 36174-36180. | 3.6 | 1 |
| 2 | One-Step Synthesis of Au-Ag Nanowires through Microorganism-Mediated, CTAB-Directed Approach. Nanomaterials, 2018, 8, 376. | 4.1 | 3 |
| 3 | Palladium modified gold nanoparticles as electrocatalysts for ethanol electrooxidation. Journal of Power Sources, 2016, 321, 264-269. | 7.8 | 31 |
| 4 | Recent advances in palladium-based electrocatalysts for fuel cell reactions and hydrogen evolution reaction. Nano Energy, 2016, 29, 198-219. | 16.0 | 294 |
| 5 | Microorganismâ€mediated, CTACâ€directed synthesis of SERSâ€sensitive Au nanohorns with threeâ€dimensional nanostructures by <i>Escherichia coli</i> cells. Journal of Chemical Technology and Biotechnology, 2015, 90, 678-685. | 3.2 | 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. | 12.7 | 12 |
| 7 | Novel AuPd nanostructures for hydrogenation of 1,3-butadiene. Journal of Materials Chemistry A, 2015, 3, 4846-4854. | 10.3 | 21 |
| 8 | Bio-inspired synthesis of metal nanomaterials and applications. Chemical Society Reviews, 2015, 44, 6330-6374. | 38.1 | 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/γ-Al2O3 catalysts for hydrogenation of 2-ethyl-9,10-anthraquinone assisted by plant-mediated strategy. Chemical Engineering Journal, 2015, 262, 356-363. | 12.7 | 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. | 3.2 | 4 |
| 12 | Facile fabrication of Pd nanoparticle/ Pichia pastoris catalysts through adsorption–reduction method: A study into effect of chemical pretreatment. Journal of Colloid and Interface Science, 2014, 433, 204-210. | 9.4 | 18 |
| 13 | Plant-mediated synthesis of size-controllable Ni nanoparticles with alfalfa extract. Materials Letters, 2014, 122, 166-169. | 2.6 | 51 |
| 14 | Biosynthesized Ag/α-Al ₂ O ₃ catalyst for ethylene epoxidation: the influence of silver precursors. RSC Advances, 2014, 4, 27597-27603. | 3.6 | 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. | 6.7 | 72 |
| 16 | Microorganism-Mediated Fabrication and Antibacterial Performance of Ag/α-Al ₂ O ₃ Composites. Current Nanoscience, 2014, 10, 271-276. | 1.2 | 2 |
| 17 | Fabrication of Au/Pd alloy nanoparticle/Pichia pastoris composites: a microorganism-mediated approach. RSC Advances, 2013, 3, 15389. | 3.6 | 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. | 5.6 | 32 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Stable Silver Nanoparticles with Narrow Size Distribution Non-enzymatically Synthesized by Aeromonas sp. SH10 Cells in the Presence of Hydroxyl Ions. Current Nanoscience, 2012, 8, 838-846. | 1.2 | 19 |
| 20 | Biogenic Silver Nanoparticles by <i>Cacumen Platycladi</i> Extract: Synthesis, Formation Mechanism, and Antibacterial Activity. Industrial & Engineering Chemistry Research, 2011, 50, 9095-9106. | 3.7 | 171 |