

Yu Chen

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

915
citations

687363

13
h-index

996975

15
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15
all docs

15
docs citations

15
times ranked

1411
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Enhancement of photocatalytic performance with the use of noble-metal-decorated TiO ₂ nanocrystals as highly active catalysts for aerobic oxidation under visible-light irradiation. <i>Applied Catalysis B: Environmental</i> , 2017, 210, 352-367. | 20.2 | 144 |
| 2 | Tin phosphate as a heterogeneous catalyst for efficient dehydration of glucose into 5-hydroxymethylfurfural in ionic liquid. <i>Applied Catalysis B: Environmental</i> , 2018, 224, 183-193. | 20.2 | 142 |
| 3 | Microwave-assisted ionic liquid synthesis of Ti ³⁺ self-doped TiO ₂ hollow nanocrystals with enhanced visible-light photoactivity. <i>Applied Catalysis B: Environmental</i> , 2016, 191, 94-105. | 20.2 | 127 |
| 4 | Pretreatment of Lignocellulosic Biomass with Ionic Liquids and Ionic Liquid-Based Solvent Systems. <i>Molecules</i> , 2017, 22, 490. | 3.8 | 117 |
| 5 | One-pot synthesis of sulfonated graphene oxide for efficient conversion of fructose into HMF. <i>RSC Advances</i> , 2016, 6, 104016-104024. | 3.6 | 88 |
| 6 | Self-Assembled Peptide Nanostructure towards Enzyme Mimicking Hydrolysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17164-17170. | 13.8 | 69 |
| 7 | High-Efficiency Fluorescence through Bioinspired Supramolecular Self-Assembly. <i>ACS Nano</i> , 2020, 14, 2798-2807. | 14.6 | 49 |
| 8 | Guest Molecule-Mediated Energy Harvesting in a Conformationally Sensitive Peptide-Metal Organic Framework. <i>Journal of the American Chemical Society</i> , 2022, 144, 3468-3476. | 13.7 | 49 |
| 9 | Enhanced Fluorescence for Bioassembly by Environment-Switching Doping of Metal Ions. <i>Advanced Functional Materials</i> , 2020, 30, 1909614. | 14.9 | 33 |
| 10 | Gold nanoparticle-modified TiO ₂ /SBA-15 nanocomposites as active plasmonic photocatalysts for the selective oxidation of aromatic alcohols. <i>RSC Advances</i> , 2016, 6, 70352-70363. | 3.6 | 30 |
| 11 | Separation of polysaccharides from rice husk and wheat bran using solvent system consisting of BMIMOA _c and DMI. <i>Carbohydrate Polymers</i> , 2015, 133, 517-523. | 10.2 | 23 |
| 12 | Self-Assembly of Cyclic Dipeptides: Platforms for Functional Materials. <i>Protein and Peptide Letters</i> , 2020, 27, 688-697. | 0.9 | 15 |
| 13 | Coupling Plasmonic and Cocatalyst Nanoparticles on TiO ₂ for Visible-Light-Driven Catalytic Organic Synthesis. <i>Nanomaterials</i> , 2019, 9, 391. | 4.1 | 14 |
| 14 | Self-Assembled Peptide Nanostructure towards Enzyme Mimicking Hydrolysis. <i>Angewandte Chemie</i> , 2021, 133, 17301-17307. | 2.0 | 12 |
| 15 | Computational and Experimental Protocols to Study Cyclo-dihistidine Self- and Co-assembly: Minimalistic Bio-assemblies with Enhanced Fluorescence and Drug Encapsulation Properties. <i>Methods in Molecular Biology</i> , 2022, 2405, 179-203. | 0.9 | 3 |