

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
g-index

15
all docs

15
docs citations

15
times ranked

1411
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Self-Assembled Peptide Nano-Superstructure towards Enzyme Mimicking Hydrolysis. <i>Angewandte Chemie</i> , 2021, 133, 17301-17307.	2.0	12
4	Self-Assembled Peptide Nano-Superstructure towards Enzyme Mimicking Hydrolysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17164-17170.	13.8	69
5	Enhanced Fluorescence for Bioassembly by Environment-Switching Doping of Metal Ions. <i>Advanced Functional Materials</i> , 2020, 30, 1909614.	14.9	33
6	High-Efficiency Fluorescence through Bioinspired Supramolecular Self-Assembly. <i>ACS Nano</i> , 2020, 14, 2798-2807.	14.6	49
7	Self-Assembly of Cyclic Dipeptides: Platforms for Functional Materials. <i>Protein and Peptide Letters</i> , 2020, 27, 688-697.	0.9	15
8	Coupling Plasmonic and Cocatalyst Nanoparticles on TiO_2 for Visible-Light-Driven Catalytic Organic Synthesis. <i>Nanomaterials</i> , 2019, 9, 391.	4.1	14
9	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
10	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
11	Pretreatment of Lignocellulosic Biomass with Ionic Liquids and Ionic Liquid-Based Solvent Systems. <i>Molecules</i> , 2017, 22, 490.	3.8	117
12	Gold nanoparticle-modified $\text{TiO}_2/\text{SBA-15}$ nanocomposites as active plasmonic photocatalysts for the selective oxidation of aromatic alcohols. <i>RSC Advances</i> , 2016, 6, 70352-70363.	3.6	30
13	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
14	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
15	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