

Yunting Liu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

528
citations

759055

12
h-index

839398

18
g-index

23
all docs

23
docs citations

23
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	The high-performance and mechanism of P-doped activated carbon as a catalyst for air-cathode microbial fuel cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21149-21158.	5.2	102
2	Construction of chemoenzymatic cascade reactions for bridging chemocatalysis and Biocatalysis: Principles, strategies and prospective. <i>Chemical Engineering Journal</i> , 2021, 420, 127659.	6.6	61
3	Mesoporous Core-Shell Nanostructures Bridging Metal and Biocatalyst for Highly Efficient Cascade Reactions. <i>ACS Catalysis</i> , 2020, 10, 1375-1380.	5.5	51
4	Incorporation of Metals and Enzymes with Porous Imine Molecule Cages for Highly Efficient Semiheterogeneous Chemoenzymatic Catalysis. <i>ACS Catalysis</i> , 2021, 11, 5544-5553.	5.5	46
5	Metal Nanoparticles@Covalent Organic Framework@Enzymes: A Universal Platform for Fabricating a Metal-Enzyme Integrated Nanocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2881-2892.	4.0	44
6	Asymmetric Organocatalytic Cascade Michael/Hemiketalization/Retro-Aldol Reaction of 2-(2-Nitrovinyl)phenols with 2,4-Dioxo-4-arylbutoates: A Convenient Access to Chiral β -Keto Esters. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2544-2549.	4.2	37
7	Bifunctional Primary Amine-Squaramide Catalyzed Enantioselective Intramolecular Michael Addition of Keto-enones: A Convenient Process to the Stereocontrolled Construction of <i>trans</i> -Dihydrobenzofuran Skeletons. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4836-4843.	1.2	29
8	Aqueous chemoenzymatic one-pot enantioselective synthesis of tertiary β -aryl cycloketones <i>via</i> Pd-catalyzed C-C formation and enzymatic C=C asymmetric hydrogenation. <i>Green Chemistry</i> , 2021, 23, 1960-1964.	4.6	29
9	Co-immobilization of metal and enzyme into hydrophobic nanopores for highly improved chemoenzymatic asymmetric synthesis. <i>Chemical Communications</i> , 2020, 56, 13547-13550.	2.2	21
10	High-Throughput Zwitterion-Modified MoS ₂ Membranes: Preparation and Application in Dye Desalination. <i>Langmuir</i> , 2021, 37, 417-427.	1.6	19
11	Chiral Bifunctional Squaramide-Catalyzed Highly Enantioselective Michael Addition of Allomaltol to β -Unsaturated β -ketoesters. <i>ChemCatChem</i> , 2014, 6, 2298-2304.	1.8	16
12	Direct Asymmetric Reductive Amination of Alkyl (Hetero)Aryl Ketones by an Engineered Amine Dehydrogenase. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	16
13	Amine dehydrogenases: Current status and potential value for chiral amine synthesis. <i>Chem Catalysis</i> , 2022, 2, 1288-1314.	2.9	12
14	Purification and immobilization of His-tagged organophosphohydrolase on yolk-shell Co/C@SiO ₂ @Ni/C nanoparticles for cascade degradation and detection of organophosphates. <i>Biochemical Engineering Journal</i> , 2021, 167, 107895.	1.8	11
15	Design of <i>De Novo</i> Three-Enzyme Nanoreactors for Stereodivergent Synthesis of β -Substituted Cyclohexanols. <i>ACS Catalysis</i> , 2022, 12, 7550-7558.	5.5	10
16	Chiral bifunctional squaramide catalyzed asymmetric Michael addition of ethyl β -nitroacetate to β -unsaturated β -ketoesters. <i>Tetrahedron</i> , 2014, 70, 8168-8173.	1.0	8
17	<i>Polydopamine-Encapsulated</i> Dendritic Organosilica Nanoparticles as Amphiphilic Platforms for Highly Efficient Heterogeneous Catalysis in Water. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1975-1982.	2.6	8
18	A Three-Step Process to Facilitate the Enantioselective Assembly of <i>Cis</i> -Fused Octahydrophenanthrenes with a Quaternary Stereocenter. <i>Organic Letters</i> , 2022, 24, 2590-2595.	2.4	6

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19	Direct Asymmetric Reductive Amination of Alkyl (Hetero)Aryl Ketones by an Engineered Amine Dehydrogenase. <i>Angewandte Chemie</i> , 0, , .	1.6	1
20	Asymmetric Hydrogenation of C=C Bonds in a SpinChem Reactor by Immobilized Old Yellow Enzyme and Glucose Dehydrogenase. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 4999-5016.	1.4	1