

Yunting Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

528
citations

759055

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23
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23
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Nanoparticles@Covalent Organic Framework@Enzymes: A Universal Platform for Fabricating a Metal-Enzyme Integrated Nanocatalyst. ACS Applied Materials & Interfaces, 2022, 14, 2881-2892.	4.0	44
2	A Three-Step Process to Facilitate the Enantioselective Assembly of <i>Cis</i> -Fused Octahydrophenanthrenes with a Quaternary Stereocenter. Organic Letters, 2022, 24, 2590-2595.	2.4	6
3	Direct Asymmetric Reductive Amination of Alkyl (Hetero)Aryl Ketones by an Engineered Amine Dehydrogenase. Angewandte Chemie - International Edition, 2022, 61, .	7.2	16
4	Amine dehydrogenases: Current status and potential value for chiral amine synthesis. Chem Catalysis, 2022, 2, 1288-1314.	2.9	12
5	Asymmetric Hydrogenation of C=C Bonds in a SpinChem Reactor by Immobilized Old Yellow Enzyme and Glucose Dehydrogenase. Applied Biochemistry and Biotechnology, 2022, 194, 4999-5016.	1.4	1
6	Design of <i>De Novo</i> Three-Enzyme Nanoreactors for Stereodivergent Synthesis of $\hat{\pm}$ -Substituted Cyclohexanols. ACS Catalysis, 2022, 12, 7550-7558.	5.5	10
7	Construction of chemoenzymatic cascade reactions for bridging chemocatalysis and Biocatalysis: Principles, strategies and prospective. Chemical Engineering Journal, 2021, 420, 127659.	6.6	61
8	Purification and immobilization of His-tagged organophosphohydrolase on yolk-shell Co/C@SiO ₂ @Ni/C nanoparticles for cascade degradation and detection of organophosphates. Biochemical Engineering Journal, 2021, 167, 107895.	1.8	11
9	Incorporation of Metals and Enzymes with Porous Imine Molecule Cages for Highly Efficient Semiheterogeneous Chemoenzymatic Catalysis. ACS Catalysis, 2021, 11, 5544-5553.	5.5	46
10	<i>Polydopamine</i> -Encapsulated Dendritic Organosilica Nanoparticles as Amphiphilic Platforms for Highly Efficient Heterogeneous Catalysis in Water. Chinese Journal of Chemistry, 2021, 39, 1975-1982.	2.6	8
11	Aqueous chemoenzymatic one-pot enantioselective synthesis of tertiary $\hat{\pm}$ -aryl cycloketones <i>via</i> Pd-catalyzed C-C formation and enzymatic C=C asymmetric hydrogenation. Green Chemistry, 2021, 23, 1960-1964.	4.6	29
12	High-Throughput Zwitterion-Modified MoS ₂ Membranes: Preparation and Application in Dye Desalination. Langmuir, 2021, 37, 417-427.	1.6	19
13	Mesoporous Core-Shell Nanostructures Bridging Metal and Biocatalyst for Highly Efficient Cascade Reactions. ACS Catalysis, 2020, 10, 1375-1380.	5.5	51
14	Co-immobilization of metal and enzyme into hydrophobic nanopores for highly improved chemoenzymatic asymmetric synthesis. Chemical Communications, 2020, 56, 13547-13550.	2.2	21
15	The high-performance and mechanism of P-doped activated carbon as a catalyst for air-cathode microbial fuel cells. Journal of Materials Chemistry A, 2015, 3, 21149-21158.	5.2	102
16	Chiral bifunctional squaramide catalyzed asymmetric Michael addition of ethyl $\hat{\pm}$ -nitroacetate to $\hat{2},\hat{3}$ -unsaturated $\hat{\pm}$ -ketoesters. Tetrahedron, 2014, 70, 8168-8173.	1.0	8
17	Chiral Bifunctional Squaramide-Catalyzed Highly Enantioselective Michael Addition of Allomaltol to $\hat{2},\hat{3}$ -Unsaturated $\hat{\pm}$ -Ketoesters. ChemCatChem, 2014, 6, 2298-2304.	1.8	16
18	Asymmetric Organocatalytic Cascade Michael/Hemiketalization/Retro-Aldol Reaction of 2-(<i>E</i>)-Nitrovinyl]phenols with 2,4-Dioxo-4-arylbutoates: A Convenient Access to Chiral $\hat{\pm}$ -Keto Esters. Advanced Synthesis and Catalysis, 2013, 355, 2544-2549.		37

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19	Bifunctional Primary Amineâ€‘squaramide Catalyzed Enantioselective Intramolecular Michael Addition of Ketoâ€‘enones: A Convenient Process to the Stereocontrolled Construction of <i>trans</i> -Dihydrobenzofuran Skeletons. European Journal of Organic Chemistry, 2013, 2013, 4836-4843.	1.2	29
20	Direct Asymmetric Reductive Amination of Alkyl (Hetero)Aryl Ketones by an Engineered Amine Dehydrogenase. Angewandte Chemie, 0, , .	1.6	1