

Fei-Fei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

542
citations

840776

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940533

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docs citations

17
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Amination of Secondary Alcohols by using a Redox-Neutral Two-Enzyme Cascade. <i>ChemCatChem</i> , 2015, 7, 3838-3841.	3.7	108
2	Reshaping the Active Pocket of Amine Dehydrogenases for Asymmetric Synthesis of Bulky Aliphatic Amines. <i>ACS Catalysis</i> , 2018, 8, 2622-2628.	11.2	100
3	Enantioselective Synthesis of Chiral Vicinal Amino Alcohols Using Amine Dehydrogenases. <i>ACS Catalysis</i> , 2019, 9, 11813-11818.	11.2	54
4	Development of an engineered thermostable amine dehydrogenase for the synthesis of structurally diverse chiral amines. <i>Catalysis Science and Technology</i> , 2020, 10, 2353-2358.	4.1	37
5	Bioamination of alkane with ammonium by an artificially designed multienzyme cascade. <i>Metabolic Engineering</i> , 2018, 47, 184-189.	7.0	35
6	Regioselectivity Engineering of Epoxide Hydrolase: Near-Perfect Enantioconvergence through a Single Site Mutation. <i>ACS Catalysis</i> , 2018, 8, 8314-8317.	11.2	35
7	Continuous Production of Ursodeoxycholic Acid by Using Two Cascade Reactors with Co-immobilized Enzymes. <i>ChemBioChem</i> , 2018, 19, 347-353.	2.6	32
8	Stereocomplementary Synthesis of Pharmaceutically Relevant Chiral 2-Aryl-Substituted Pyrrolidines Using Imine Reductases. <i>Organic Letters</i> , 2020, 22, 3367-3372.	4.6	25
9	Reductive Amination of Biobased Levulinic Acid to Unnatural Chiral β -Amino Acid Using an Engineered Amine Dehydrogenase. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17054-17061.	6.7	24
10	An Ammonium-Formate-Driven Trienzymatic Cascade for 100%-Transaminase-Catalyzed (<i>R</i>)-Selective Amination. <i>Journal of Organic Chemistry</i> , 2019, 84, 14987-14993.	3.2	22
11	Asymmetric Reductive Amination of Structurally Diverse Ketones with Ammonia Using a Spectrum-Extended Amine Dehydrogenase. <i>ACS Catalysis</i> , 2021, 11, 14274-14283.	11.2	22
12	Enantioselective Bioamination of Aromatic Alkanes Using Ammonia: A Multienzymatic Cascade Approach. <i>ChemCatChem</i> , 2020, 12, 2077-2082.	3.7	12
13	Direct reductive amination of ketones with amines by reductive aminases. <i>Green Synthesis and Catalysis</i> , 2021, 2, 345-349.	6.8	12
14	Improved efficiency of a novel methyl parathion hydrolase using consensus approach. <i>Enzyme and Microbial Technology</i> , 2016, 93-94, 11-17.	3.2	11
15	Reprogramming Epoxide Hydrolase to Improve Enantioconvergence in Hydrolysis of Styrene Oxide Scaffolds. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4699-4706.	4.3	6
16	Reductive amination of ketones with ammonium catalyzed by a newly identified <i>Brevibacterium epidermidis</i> strain for the synthesis of (<i>S</i>)-chiral amines. <i>Chinese Journal of Catalysis</i> , 2018, 39, 1625-1632.	14.0	5
17	A method of tongue image segmentation based on kernel FCM. , 2016, , .		2