

Xinkun Ren

List of Publications by Year in descending order

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15
papers

481
citations

759233

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1058476

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times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly stereoselective and enantiodivergent synthesis of cyclopropylphosphonates with engineered carbene transferases. <i>Chemical Science</i> , 2022, 13, 8550-8556.	7.4	11
2	Engineered and artificial metalloenzymes for selective C-H functionalization. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 31, 100494.	5.9	41
3	An Enzymatic Platform for the Highly Enantioselective and Stereodivergent Construction of Cyclopropyl- α -lactones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21634-21639.	13.8	39
4	An Enzymatic Platform for the Highly Enantioselective and Stereodivergent Construction of Cyclopropyl- α -lactones. <i>Angewandte Chemie</i> , 2020, 132, 21818-21823.	2.0	3
5	Mechanism-Guided Design and Discovery of Efficient Cytochrome P450-Derived C-H Amination Biocatalysts. <i>Journal of the American Chemical Society</i> , 2020, 142, 10343-10357.	13.7	47
6	Synergistic catalysis in an artificial enzyme. <i>Nature Catalysis</i> , 2020, 3, 184-185.	34.4	13
7	Highly Stereoselective Synthesis of Fused Cyclopropane- β -Lactams via Biocatalytic Iron-Catalyzed Intramolecular Cyclopropanation. <i>ACS Catalysis</i> , 2020, 10, 2308-2313.	11.2	51
8	Stereodivergent Intramolecular Cyclopropanation Enabled by Engineered Carbene Transferases. <i>Journal of the American Chemical Society</i> , 2019, 141, 9145-9150.	13.7	81
9	Hydroxylation of anilides by engineered cytochrome P450 _{BM3} . <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8780-8787.	2.8	17
10	Synthesis of Imidazolidin-4-ones via a Cytochrome P450-Catalyzed Intramolecular C-H Amination. <i>ACS Catalysis</i> , 2016, 6, 6833-6837.	11.2	38
11	Drug Oxidation by Cytochrome P450 _{BM3} : Metabolite Synthesis and Discovering New P450 Reaction Types. <i>Chemistry - A European Journal</i> , 2015, 21, 15039-15047.	3.3	72
12	Effects of dimethoate on rotifer <i>Brachionus calyciflorus</i> using multigeneration toxicity tests. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012, 47, 883-890.	1.5	24
13	A new method for analysis of the toxicity of organophosphorus pesticide, dimethoate on rotifer based on response surface methodology. <i>Journal of Hazardous Materials</i> , 2012, 237-238, 270-276.	12.4	23
14	Assessment the Toxic Effects of Dimethoate to Rotifer Using Swimming Behavior. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 568-571.	2.7	21
15	Characterization of chromophoric organic matter in effluent from Vitamin C wastewater anaerobic-aerobic treatment. <i>Science Bulletin</i> , 2010, 55, 3763-3767.	1.7	0