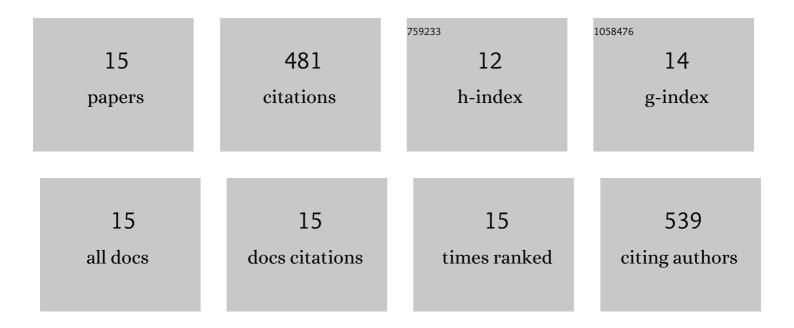
## Xinkun Ren

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/787600/publications.pdf Version: 2024-02-01



**XINKLIN DEN** 

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