

Christopher K Prier

List of Publications by Year in descending order

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15
papers

9,081
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858243

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1113639

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times ranked

9565
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymes for amino acid synthesis by design. <i>Nature Catalysis</i> , 2021, 4, 348-349.	16.1	4
2	Stereodivergent Synthesis of 3- β -Hydroxyprolines and 3- β -Hydroxypipercolic Acids via Ketoreductase-Catalyzed Dynamic Kinetic Reduction. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5140-5143.	2.1	10
3	Enantioselective Aminohydroxylation of Styrenyl Olefins Catalyzed by an Engineered Hemoprotein. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3138-3142.	7.2	94
4	Recent preparative applications of redox enzymes. <i>Current Opinion in Chemical Biology</i> , 2019, 49, 105-112.	2.8	43
5	Enantioselective Aminohydroxylation of Styrenyl Olefins Catalyzed by an Engineered Hemoprotein. <i>Angewandte Chemie</i> , 2019, 131, 3170-3174.	1.6	22
6	Stereoselective Enzymatic Synthesis of Heteroatom-Substituted Cyclopropanes. <i>ACS Catalysis</i> , 2018, 8, 2629-2634.	5.5	96
7	Enantioselective, intermolecular benzylic C-H amination catalysed by an engineered iron-haem enzyme. <i>Nature Chemistry</i> , 2017, 9, 629-634.	6.6	319
8	Asymmetric Enzymatic Synthesis of Allylic Amines: A Sigmatropic Rearrangement Strategy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4711-4715.	7.2	70
9	Asymmetric Enzymatic Synthesis of Allylic Amines: A Sigmatropic Rearrangement Strategy. <i>Angewandte Chemie</i> , 2016, 128, 4789-4793.	1.6	23
10	Chemomimetic Biocatalysis: Exploiting the Synthetic Potential of Cofactor-Dependent Enzymes To Create New Catalysts. <i>Journal of the American Chemical Society</i> , 2015, 137, 13992-14006.	6.6	125
11	Amine $\hat{\pm}$ -heteroarylation via photoredox catalysis: a homolytic aromatic substitution pathway. <i>Chemical Science</i> , 2014, 5, 4173-4178.	3.7	156
12	Visible Light Photoredox Catalysis with Transition Metal Complexes: Applications in Organic Synthesis. <i>Chemical Reviews</i> , 2013, 113, 5322-5363.	23.0	7,226
13	Facile Ring-Opening of Azabicyclic [3.1.0]- and [4.1.0]Aminocyclopropanes to Afford 3-Piperidinone and 3-Azepinone. <i>Organic Letters</i> , 2011, 13, 1083-1085.	2.4	11
14	Expanding the scope of the Cu assisted Suzuki-Miyaura reaction. <i>Tetrahedron Letters</i> , 2011, 52, 5055-5059.	0.7	24
15	Discovery of an $\hat{\pm}$ -Amino C-H Arylation Reaction Using the Strategy of Accelerated Serendipity. <i>Science</i> , 2011, 334, 1114-1117.	6.0	858