

Suman Chakrabarty

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

432
citations

1040056

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1474206

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12
all docs

12
docs citations

12
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable biocatalytic C–H oxyfunctionalization reactions. <i>Chemical Society Reviews</i> , 2020, 49, 8137-8155.	38.1	105
2	Biocatalytic oxidative cross-coupling reactions for biaryl bond formation. <i>Nature</i> , 2022, 603, 79-85.	27.8	67
3	Synthesis of Chiral Tertiary Boronic Esters: Phosphonate-Directed Catalytic Asymmetric Hydroboration of Trisubstituted Alkenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 6066-6069.	13.7	65
4	State-of-the-Art Biocatalysis. <i>ACS Central Science</i> , 2021, 7, 1105-1116.	11.3	59
5	Chemoenzymatic Total Synthesis of Natural Products. <i>Accounts of Chemical Research</i> , 2021, 54, 1374-1384.	15.6	48
6	Ligand Conformational Flexibility Enables Enantioselective Tertiary C–B Bond Formation in the Phosphonate-Directed Catalytic Asymmetric Alkene Hydroboration. <i>Journal of the American Chemical Society</i> , 2021, 143, 4801-4808.	13.7	30
7	The Transformative Power of Biocatalysis in Convergent Synthesis. <i>Journal of the American Chemical Society</i> , 2022, 144, 5214-5225.	13.7	23
8	Phosphonate-Directed Catalytic Asymmetric Hydroboration: Delivery of Boron to the More Substituted Carbon, Leading to Chiral Tertiary Benzylic Boronic Esters. <i>ACS Catalysis</i> , 2018, 8, 10530-10536.	11.2	19
9	Facile access to functionalized chiral secondary benzylic boronic esters <i>via</i> catalytic asymmetric hydroboration. <i>Chemical Science</i> , 2019, 10, 4854-4861.	7.4	16