

# Suman Chakrabarty

## List of Publications by Year in descending order

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9  
papers

432  
citations

1040056

9  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocatalytic oxidative cross-coupling reactions for biaryl bond formation. <i>Nature</i> , 2022, 603, 79-85.	27.8	67
2	The Transformative Power of Biocatalysis in Convergent Synthesis. <i>Journal of the American Chemical Society</i> , 2022, 144, 5214-5225.	13.7	23
3	Chemoenzymatic Total Synthesis of Natural Products. <i>Accounts of Chemical Research</i> , 2021, 54, 1374-1384.	15.6	48
4	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
5	State-of-the-Art Biocatalysis. <i>ACS Central Science</i> , 2021, 7, 1105-1116.	11.3	59
6	Scalable biocatalytic C–H oxyfunctionalization reactions. <i>Chemical Society Reviews</i> , 2020, 49, 8137-8155.	38.1	105
7	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
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	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