

Christopher Sandford

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,445
citations

759055

12
h-index

996849

15
g-index

24
all docs

24
docs citations

24
times ranked

1573
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereospecific functionalizations and transformations of secondary and tertiary boronic esters. <i>Chemical Communications</i> , 2017, 53, 5481-5494.	2.2	458
2	A synthetic chemist's guide to electroanalytical tools for studying reaction mechanisms. <i>Chemical Science</i> , 2019, 10, 6404-6422.	3.7	255
3	Merging Photoredox with 1,2-Metallate Rearrangements: The Photochemical Alkylation of Vinyl Boronate Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 5736-5739.	6.6	180
4	Bifunctional Iminophosphorane Catalyzed Enantioselective Sulfa-Michael Addition to Unactivated $\hat{\pm}$ -Substituted Acrylate Esters. <i>Journal of the American Chemical Society</i> , 2015, 137, 15992-15995.	6.6	113
5	Synthesis of Enantioenriched Alkylfluorides by the Fluorination of Boronate Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 10100-10103.	6.6	83
6	Investigating the Role of Ligand Electronics on Stabilizing Electrocatalytically Relevant Low-Valent Co(I) Intermediates. <i>Journal of the American Chemical Society</i> , 2019, 141, 1382-1392.	6.6	58
7	Enantiospecific Trifluoromethylâ€Radicalâ€Induced Threeâ€Component Coupling of Boronic Esters with Furans. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1810-1814.	7.2	56
8	Stereospecific Allylic Functionalization: The Reactions of Allylboronate Complexes with Electrophiles. <i>Journal of the American Chemical Society</i> , 2017, 139, 15324-15327.	6.6	56
9	Conjunctive functionalization of vinyl boronate complexes with electrophiles: a diastereoselective three-component coupling. <i>Chemical Communications</i> , 2017, 53, 4922-4925.	2.2	55
10	Mechanistic Studies into the Oxidative Addition of Co(I) Complexes: Combining Electroanalytical Techniques with Parameterization. <i>Journal of the American Chemical Society</i> , 2019, 141, 18877-18889.	6.6	48
11	Enantiospecific Trifluoromethylâ€Radicalâ€Induced Threeâ€Component Coupling of Boronic Esters with Furans. <i>Angewandte Chemie</i> , 2017, 129, 1836-1840.	1.6	26
12	Enantioselective Intramolecular Allylic Substitution via Synergistic Palladium/Chiral Phosphoric Acid Catalysis: Insight into Stereinduction through Statistical Modeling. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14647-14655.	7.2	25
13	Analyzing mechanisms in Co(<i>scp</i>) redox catalysis using a pattern recognition platform. <i>Chemical Science</i> , 2021, 12, 4771-4778.	3.7	14
14	Electrochemical Reduction of [Ni(Meppy) ₃] ²⁺ : Elucidation of the Redox Mechanism by Cyclic Voltammetry and Steadyâ€State Voltammetry in Low Ionic Strength Solutions. <i>ChemElectroChem</i> , 2020, 7, 1473-1479.	1.7	11
15	Enantioselective Intramolecular Allylic Substitution via Synergistic Palladium/Chiral Phosphoric Acid Catalysis: Insight into Stereinduction through Statistical Modeling. <i>Angewandte Chemie</i> , 2020, 132, 14755-14763.	1.6	6