

Scott D Mccann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/909198/publications.pdf>

Version: 2024-02-01

9
papers

1,341
citations

1039880

9
h-index

1474057

9
g-index

10
all docs

10
docs citations

10
times ranked

1866
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Enantioselective cyanation of benzylic C-H bonds via copper-catalyzed radical relay. <i>Science</i> , 2016, 353, 1014-1018. | 6.0 | 496 |
| 2 | Copper-Catalyzed Aerobic Oxidations of Organic Molecules: Pathways for Two-Electron Oxidation with a Four-Electron Oxidant and a One-Electron Redox-Active Catalyst. <i>Accounts of Chemical Research</i> , 2015, 48, 1756-1766. | 7.6 | 432 |
| 3 | Mechanism of Alcohol Oxidation Mediated by Copper(II) and Nitroxyl Radicals. <i>Journal of the American Chemical Society</i> , 2014, 136, 12166-12173. | 6.6 | 177 |
| 4 | Mechanism of Copper/Azodicarboxylate-Catalyzed Aerobic Alcohol Oxidation: Evidence for Uncooperative Catalysis. <i>Journal of the American Chemical Society</i> , 2016, 138, 199-206. | 6.6 | 54 |
| 5 | Detection of Palladium(I) in Aerobic Oxidation Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3605-3610. | 7.2 | 53 |
| 6 | Second-Order Biomimicry: In Situ Oxidative Self-Processing Converts Copper(I)/Diamine Precursor into a Highly Active Aerobic Oxidation Catalyst. <i>ACS Central Science</i> , 2017, 3, 314-321. | 5.3 | 43 |
| 7 | Development of an Aryl Amination Catalyst with Broad Scope Guided by Consideration of Catalyst Stability. <i>Journal of the American Chemical Society</i> , 2020, 142, 15027-15037. | 6.6 | 39 |
| 8 | Copper/TEMPO Redox Redux: Analysis of PCET Oxidation of TEMPOH by Copper(II) and the Reaction of TEMPO with Copper(I). <i>Inorganic Chemistry</i> , 2019, 58, 10194-10200. | 1.9 | 30 |
| 9 | Detection of Palladium(I) in Aerobic Oxidation Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 3659-3664. | 1.6 | 12 |