

Jonas F Schlagintweit

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Anticancer and antibacterial properties of trinuclear Cu(I), Ag(I) and Au(I) macrocyclic NHC/urea complexes. <i>Journal of Organometallic Chemistry</i> , 2021, 932, 121643. | 1.8 | 30 |
| 2 | A bench stable formal Cu(III)-N-heterocyclic carbene accessible from simple copper(II) acetate. <i>Chemical Science</i> , 2018, 9, 8307-8314. | 7.4 | 28 |
| 3 | Mixed tetradentate NHC/1,2,3-triazole iron complexes bearing cis labile coordination sites as highly active catalysts in Lewis and Brønsted acid mediated olefin epoxidation. <i>Journal of Catalysis</i> , 2020, 383, 144-152. | 6.2 | 19 |
| 4 | Pushing the limits of activity and stability: the effects of Lewis acids on non-heme iron-NHC epoxidation catalysts. <i>Catalysis Science and Technology</i> , 2020, 10, 3532-3536. | 4.1 | 18 |
| 5 | Tuning the electronic properties of tetradentate iron-NHC complexes: Towards stable and selective epoxidation catalysts. <i>Journal of Catalysis</i> , 2020, 391, 548-561. | 6.2 | 15 |
| 6 | Organometallic 3d transition metal NHC complexes in oxidation catalysis. <i>Catalysis Science and Technology</i> , 0, , . | 4.1 | 14 |
| 7 | Electronic Finetuning of a Bio-inspired Iron(II) tetra-NHC Complex by trans Axial Isocyanide Substitution. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1896-1902. | 3.3 | 11 |
| 8 | Activation of Molecular Oxygen by a Cobalt(II) Tetra-NHC Complex**. <i>Chemistry - A European Journal</i> , 2021, 27, 1311-1315. | 3.3 | 10 |
| 9 | Mimicking reactive high-valent diiron- μ_2 -oxo intermediates of nonheme enzymes by an iron tetracarbene complex. <i>Chemical Communications</i> , 2021, 57, 6644-6647. | 4.1 | 10 |
| 10 | Gold(I) Bis(1,2,3-triazol-5-ylidene) Complexes as Promising Selective Anticancer Compounds. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15747-15757. | 6.4 | 10 |
| 11 | Modification of bio-inspired tetra-NHC iron complexes with axial nitrile ligands. <i>Inorganica Chimica Acta</i> , 2021, 518, 120228. | 2.4 | 9 |
| 12 | Fluorescent palladium(II) and platinum(II) NHC/1,2,3-triazole complexes: antiproliferative activity and selectivity against cancer cells. <i>Dalton Transactions</i> , 2021, 50, 2158-2166. | 3.3 | 9 |
| 13 | Exploring different coordination modes of the first tetradentate NHC/1,2,3-triazole hybrid ligand for group 10 complexes. <i>Dalton Transactions</i> , 2019, 48, 14820-14828. | 3.3 | 7 |
| 14 | Improved Antiproliferative Activity and Fluorescence of a Dinuclear Gold(I) Bisimidazolylidene Complex via Anthracene-Modification. <i>Chemistry - an Asian Journal</i> , 2020, 15, 4275-4279. | 3.3 | 7 |
| 15 | Degradation pathways of a highly active iron(III) tetra-NHC epoxidation catalyst. <i>Catalysis Science and Technology</i> , 2021, 11, 795-799. | 4.1 | 7 |
| 16 | The Effect of trans Axial Isocyanide Ligands on Iron(II) Tetra-NHC Complexes and their Reactivity in Olefin Epoxidation. <i>Asian Journal of Organic Chemistry</i> , 0, , . | 2.7 | 3 |