

Nathan T Coles

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Room Temperature Iron-Catalyzed Transfer Hydrogenation and Regioselective Deuteration of Carbon–Carbon Double Bonds. <i>Journal of the American Chemical Society</i> , 2019, 141, 572-582.	13.7	79
2	Phosphine- and Amine-Borane Dehydrocoupling Using a Three-Coordinate Iron(II) η^2 -Diketimate Precatalyst. <i>Organometallics</i> , 2017, 36, 2262-2268.	2.3	59
3	Phosphinine-based ligands: Recent developments in coordination chemistry and applications. <i>Coordination Chemistry Reviews</i> , 2021, 433, 213729.	18.8	39
4	Seeking Heteroatom-Rich Compounds: Synthetic and Mechanistic Studies into Iron Catalyzed Dehydrocoupling of Silanes. <i>ACS Catalysis</i> , 2020, 10, 6102-6112.	11.2	25
5	Photochemical C(sp) \rightarrow C(sp ²) Bond Activation in Phosphaalkynes: A New Route to Reactive Terminal Cyphido Complexes L _n –C ₂ P. <i>Journal of the American Chemical Society</i> , 2021, 143, 19365-19373.	13.7	24
6	Iron Catalyzed Dehydrocoupling of Amine– and Phosphine–Boranes. <i>Israel Journal of Chemistry</i> , 2017, 57, 1070-1081.	2.3	19
7	Room temperature iron catalyzed transfer hydrogenation using <i>n</i> -butanol and poly(methylhydrosiloxane). <i>Green Chemistry</i> , 2021, 23, 2703-2709.	9.0	17
8	Making Aromatic Phosphorus Heterocycles More Basic and Nucleophilic: Synthesis, Characterization and Reactivity of the First Phosphinine Selenide. <i>Chemistry - A European Journal</i> , 2021, 27, 12788-12795.	3.3	16
9	One-step methylation of aromatic phosphorus heterocycles: synthesis and crystallographic characterization of a 1-methyl-phosphinium salt. <i>Chemical Communications</i> , 2021, 57, 9522-9525.	4.1	6
10	Borane Adducts of Aromatic Phosphorus Heterocycles: Synthesis, Crystallographic Characterization and Reactivity of a Phosphinine–B(C ₆ F ₅) ₃ Lewis Pair. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	5
11	Heterobimetallic Complexes of 1,1-Diphosphineamide Ligands. <i>Organometallics</i> , 2021, 40, 148-155.	2.3	4
12	Highly flexible phosphabenzenes: a missing coordination mode of 2,4,6-triaryl- η^3 -phosphanes. <i>Chemical Communications</i> , 2022, 58, 6184-6187.	4.1	2