

James T Lukens

List of Publications by Year in descending order

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9
papers

525
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

750
citing authors

#	ARTICLE	IF	CITATIONS
1	The Myth of d^{8} Copper(III). <i>Journal of the American Chemical Society</i> , 2019, 141, 18508-18520.	13.7	139
2	Direct Comparison of C-H Bond Amination Efficacy through Manipulation of Nitrogen-Valence Centered Redox: Imido versus Iminyl. <i>Journal of the American Chemical Society</i> , 2017, 139, 14757-14766.	13.7	105
3	Spectroscopic Evidence for a $3d^{10}$ Ground State Electronic Configuration and Ligand Field Inversion in $[\text{Cu}(\text{CF}_3)_4]^{+1}$. <i>Journal of the American Chemical Society</i> , 2016, 138, 1922-1931.	13.7	99
4	Electronic Structural Analysis of Copper(II)-TEMPO/ABNO Complexes Provides Evidence for Copper(I)-Oxoammonium Character. <i>Journal of the American Chemical Society</i> , 2017, 139, 13507-13517.	13.7	53
5	Synthesis, characterization and C-H amination reactivity of nickel iminyl complexes. <i>Chemical Science</i> , 2020, 11, 1260-1268.	7.4	43
6	Reversible Ligand-Centered Reduction in Low-Coordinate Iron Formazanate Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 9417-9425.	3.3	30
7	Scrutinizing metal-ligand covalency and redox non-innocence <i>via</i> nitrogen K-edge X-ray absorption spectroscopy. <i>Chemical Science</i> , 2019, 10, 5044-5055.	7.4	29
8	Electronic Structures and Reactivity Profiles of Aryl Nitrenoid-Bridged Dicopper Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 2264-2276.	13.7	18
9	Chalcogen Impact on Covalency within Molecular $[\text{Cu}_3(\mu_3\text{-E})]^{3+}$ Clusters (E = O, S, Se): A Synthetic, Spectroscopic, and Computational Study. <i>Inorganic Chemistry</i> , 2018, 57, 11382-11392.	4.0	9