

Daniel L M Suess

List of Publications by Year in descending order

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11
papers

296
citations

1040056

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1281871

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g-index

11
all docs

11
docs citations

11
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Dinitrogen binding and activation at a molybdenum-iron-sulfur cluster. <i>Nature Chemistry</i> , 2021, 13, 666-670.	13.6	51
2	A Synthetic Model of Enzymatic [Fe ₄ S ₄]-Alkyl Intermediates. <i>Journal of the American Chemical Society</i> , 2019, 141, 13330-13335.	13.7	46
3	A [4Fe-4S]-Fe(CO)(CN)-l-cysteine intermediate is the first organometallic precursor in [FeFe] hydrogenase H-cluster bioassembly. <i>Nature Chemistry</i> , 2018, 10, 555-560.	13.6	45
4	An [Fe ₄ S ₄] ³⁺ -Alkyl Cluster Stabilized by an Expanded Scorpionate Ligand. <i>Journal of the American Chemical Society</i> , 2020, 142, 14314-14323.	13.7	28
5	Reversible Formation of Alkyl Radicals at [Fe ₄ S ₄] Clusters and Its Implications for Selectivity in Radical SAM Enzymes. <i>Journal of the American Chemical Society</i> , 2020, 142, 14240-14248.	13.7	28
6	Controlling Substrate Binding to Fe ₄ S ₄ Clusters through Remote Steric Effects. <i>Inorganic Chemistry</i> , 2019, 58, 5273-5280.	4.0	26
7	A Terminal Imido Complex of an Iron-Sulfur Cluster. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12802-12806.	13.8	22
8	Selective Synthesis of Site-Differentiated Fe ₄ S ₄ and Fe ₆ S ₆ Clusters. <i>Inorganic Chemistry</i> , 2018, 57, 14904-14912.	4.0	20
9	Evidence for Low-Valent Electronic Configurations in Iron-Sulfur Clusters. <i>Journal of the American Chemical Society</i> , 2022, 144, 9066-9073.	13.7	18
10	Postbiosynthetic modification of a precursor to the nitrogenase iron-molybdenum cofactor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	10
11	A Terminal Imido Complex of an Iron-Sulfur Cluster. <i>Angewandte Chemie</i> , 2021, 133, 12912-12916.	2.0	2