

David Z Zee

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

586
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

1252
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalâ€“Polypyridyl Catalysts for Electro- and Photochemical Reduction of Water to Hydrogen. <i>Accounts of Chemical Research</i> , 2015, 48, 2027-2036.	15.6	201
2	Catalytic proton reduction with transition metal complexes of the redox-active ligand bpy2PYMe. <i>Chemical Science</i> , 2013, 4, 3934.	7.4	166
3	Reversible redox switching of magnetic order and electrical conductivity in a 2D manganese benzoquinoid framework. <i>Chemical Science</i> , 2019, 10, 4652-4661.	7.4	61
4	Tuning Second Coordination Sphere Interactions in Polypyridylâ€“Iron Complexes to Achieve Selective Electrocatalytic Reduction of Carbon Dioxide to Carbon Monoxide. <i>Inorganic Chemistry</i> , 2020, 59, 5206-5217.	4.0	56
5	Redox-Active 1D Coordination Polymers of Ironâ€“Sulfur Clusters. <i>Journal of the American Chemical Society</i> , 2019, 141, 3940-3951.	13.7	43
6	Cobalt Polypyridyl Complexes as Transparent Solutionâ€“Processable Solidâ€“State Charge Transport Materials. <i>Advanced Energy Materials</i> , 2016, 6, 1600874.	19.5	25
7	Computational Study of an Iron(II) Polypyridine Electrocatalyst for CO ₂ Reduction: Key Roles for Intramolecular Interactions in CO ₂ Binding and Proton Transfer. <i>Inorganic Chemistry</i> , 2020, 59, 8146-8160.	4.0	23
8	Enhancing catalytic alkane hydroxylation by tuning the outer coordination sphere in a heme-containing metalâ€“organic framework. <i>Chemical Science</i> , 2020, 11, 5447-5452.	7.4	4
9	Synthesis and magnetic characterization of a dinuclear complex of low-coordinate iron(II). <i>Polyhedron</i> , 2020, 175, 114171.	2.2	3
10	Quantitative imaging approaches to understanding biological processing of metal ions. <i>Current Opinion in Chemical Biology</i> , 2022, 69, 102152.	6.1	3