

Hayden Hamby

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

838
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

1621
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-driven dinitrogen reduction catalyzed by a CdS:nitrogenase MoFe protein biohybrid. <i>Science</i> , 2016, 352, 448-450.	12.6	676
2	Photocatalytic Regeneration of Nicotinamide Cofactors by Quantum Dot-Enzyme Biohybrid Complexes. <i>ACS Catalysis</i> , 2016, 6, 2201-2204.	11.2	80
3	Light-driven carbon-carbon bond formation via CO ₂ reduction catalyzed by complexes of CdS nanorods and a 2-oxoacid oxidoreductase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 135-140.	7.1	24
4	Activation Thermodynamics and H/D Kinetic Isotope Effect of the H _{ox} to H _{red} Transition in [FeFe] Hydrogenase. <i>Journal of the American Chemical Society</i> , 2017, 139, 12879-12882.	13.7	23
5	Temperature-Dependent Transient Absorption Spectroscopy Elucidates Trapped-Hole Dynamics in CdS and CdSe Nanorods. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2782-2787.	4.6	19
6	Trapped-Hole Diffusion in Photoexcited CdSe Nanorods. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16974-16982.	3.1	16