

Hyeongtaek Lim

List of Publications by Year in descending order

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12
papers

389
citations

1040056

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1199594

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all docs

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docs citations

12
times ranked

874
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalloprotein entatic control of ligand-metal bonds quantified by ultrafast x-ray spectroscopy. <i>Science</i> , 2017, 356, 1276-1280.	12.6	109
2	Hydroxo-Bridged Dicopper(II,III) and -(III,III) Complexes: Models for Putative Intermediates in Oxidation Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 7269-7272.	13.7	63
3	X-ray Absorption Spectroscopy as a Probe of Ligand Noninnocence in Metalloporphyrins: The Case of Copper Porphyrins. <i>Inorganic Chemistry</i> , 2019, 58, 6722-6730.	4.0	46
4	A Six-Coordinate Peroxynitrite Low-Spin Iron(III) Porphyrinate Complex—The Product of the Reaction of Nitrogen Monoxide ($\text{NO}(g)$) with a Ferric-Superoxide Species. <i>Journal of the American Chemical Society</i> , 2017, 139, 17421-17430.	13.7	40
5	Formylglycine-generating enzyme binds substrate directly at a mononuclear Cu(I) center to initiate O_2 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5370-5375.	7.1	38
6	Excited-State Double Proton Transfer Dynamics of Model DNA Base Pairs: 7-Hydroxyquinoline Dimers. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11432-11435.	2.5	26
7	A Thioether-Ligated Cupric Superoxide Model with Hydrogen Atom Abstraction Reactivity. <i>Journal of the American Chemical Society</i> , 2021, 143, 3707-3713.	13.7	23
8	Short-lived metal-centered excited state initiates iron-methionine photodissociation in ferrous cytochrome c. <i>Nature Communications</i> , 2021, 12, 1086.	12.8	17
9	$K\alpha_2$ X-ray Emission Spectroscopy as a Probe of Cu(I) Sites: Application to the Cu(I) Site in Preprocessed Galactose Oxidase. <i>Inorganic Chemistry</i> , 2020, 59, 16567-16581.	4.0	10
10	Excited-State Double Proton Transfer of 7-Azaindole Dimers in a Low-Temperature Organic Glass. <i>Photochemistry and Photobiology</i> , 2011, 87, 766-771.	2.5	9
11	Excited-state proton-relay dynamics of 7-hydroxyquinoline controlled by solvent reorganization in room temperature ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 218-224.	2.8	6
12	Dissociation of Pyridinethiolate Ligands during Hydrogen Evolution Reactions of Ni-Based Catalysts: Evidence from X-ray Absorption Spectroscopy. <i>Inorganic Chemistry</i> , 2022, 61, 9868-9876.	4.0	2