

Heui Beom Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6965016/publications.pdf>

Version: 2024-02-01

14
papers

318
citations

840776

11
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

467
citing authors

#	ARTICLE	IF	CITATIONS
1	Mn ^{IV} ₄O₄ Model of the S₃ Intermediate of the Oxygen-Evolving Complex: Effect of the Dianionic Disiloxide Ligand. Inorganic Chemistry, 2023, 62, 1791-1796.	4.0	2
2	CaMn ³ IV O ⁴ Cubane Models of the Oxygen-Evolving Complex: Spin Ground States S ^{9/2} and the Effect of Oxo Protonation. Angewandte Chemie, 2021, 133, 17812-17820.	2.0	1
3	High Spin Cobalt Complexes Supported by a Trigonal Tris(Phosphinimide) Ligand. Inorganic Chemistry, 2021, 60, 11830-11837.	4.0	9
4	CaMn₃^{IV}O₄ Cubane Models of the Oxygen-Evolving Complex: Spin Ground States <i>S</i>^{9/2} and the Effect of Oxo Protonation. Angewandte Chemie - International Edition, 2021, 60, 17671-17679.	13.8	14
5	Structure and Reactivity of a High-Spin, Nonheme Iron(III)- Superoxo Complex Supported by Phosphinimide Ligands. Journal of the American Chemical Society, 2021, 143, 13686-13693.	13.7	17
6	<i>S</i> = 3 Ground State for a Tetranuclear Mn^{IV}₄O₄ Complex Mimicking the S₃ State of the Oxygen-Evolving Complex. Journal of the American Chemical Society, 2020, 142, 3753-3761.	13.7	22
7	Redox Tuning via Ligand-Induced Geometric Distortions at a YMn₃O₄ Cubane Model of the Biological Oxygen Evolving Complex. Inorganic Chemistry, 2019, 58, 14998-15003.	4.0	25
8	Calcium Valence-to-Core X-ray Emission Spectroscopy: A Sensitive Probe of Oxo Protonation in Structural Models of the Oxygen-Evolving Complex. Inorganic Chemistry, 2019, 58, 16292-16301.	4.0	15
9	Tetranuclear [Mn^{III}Mn₃^{IV}O₄] Complexes as Spectroscopic Models of the S₂ State of the Oxygen Evolving Complex in Photosystem II. Journal of the American Chemical Society, 2018, 140, 17175-17187.	13.7	34
10	Ethylene Tetramerization Catalysis: Effects of Aluminum-Induced Isomerization of PNP to PPN Ligands. Organometallics, 2017, 36, 1640-1648.	2.3	39
11	A CaMn₄O₂ model of the biological oxygen evolving complex: synthesis via cluster expansion on a low symmetry ligand. Chemical Communications, 2017, 53, 6832-6835.	4.1	20
12	Tetranuclear Manganese Models of the OEC Displaying Hydrogen Bonding Interactions: Application to Electrocatalytic Water Oxidation to Hydrogen Peroxide. Journal of the American Chemical Society, 2017, 139, 9108-9111.	13.7	49
13	A Ligand Field Series for the 4f-Block from Experimental and DFT Computed Ce(IV/III) Electrochemical Potentials. Inorganic Chemistry, 2015, 54, 2830-2837.	4.0	39
14	Fine-Tuning the Oxidative Ability of Persistent Radicals: Electrochemical and Computational Studies of Substituted 2-Pyridylhydroxylamines. Journal of Organic Chemistry, 2013, 78, 6344-6349.	3.2	31