

Heui Beom Lee

List of Publications by Year in descending order

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