

Khetpakorn Chakarawet

List of Publications by Year in descending order

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13
papers

573
citations

758635

12
h-index

1199166

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13
all docs

13
docs citations

13
times ranked

867
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge Delocalization and Bulk Electronic Conductivity in the Mixed-Valence Metal-Organic Framework Fe(1,2,3-triazolate) ₂ (BF ₄) ₂ . Journal of the American Chemical Society, 2018, 140, 8526-8534.	6.6	151
2	Substituent Effects on Exchange Coupling and Magnetic Relaxation in 2,2'-Bipyrimidine Radical-Bridged Dilanthanide Complexes. Journal of the American Chemical Society, 2020, 142, 21197-21209.	6.6	86
3	Metal-Ligand Cooperativity via Exchange Coupling Promotes Iron-Catalyzed Electrochemical CO ₂ Reduction at Low Overpotentials. Journal of the American Chemical Society, 2020, 142, 20489-20501.	6.6	77
4	Large Anisotropy Barrier in a Tetranuclear Single-Molecule Magnet Featuring Low-Coordinate Cobalt Centers. Journal of the American Chemical Society, 2018, 140, 2058-2061.	6.6	56
5	Interlayer Structure Manipulation of Iron Oxide by Potassium Cation Intercalation to Steer H ₂ O ₂ Activation Pathway. Journal of the American Chemical Society, 2022, 144, 4294-4299.	6.6	52
6	A Uranium(II) Arene Complex That Acts as a Uranium(I) Synthone. Journal of the American Chemical Society, 2021, 143, 19748-19760.	6.6	34
7	Selective, High-Temperature O ₂ Adsorption in Chemically Reduced, Redox-Active Iron-Pyrazolate Metal-Organic Frameworks. Journal of the American Chemical Society, 2020, 142, 14627-14637.	6.6	32
8	Strong Electronic and Magnetic Coupling in M ₄ (M = Ni, Cu) Clusters via Direct Orbital Interactions between Low-Coordinate Metal Centers. Journal of the American Chemical Society, 2020, 142, 19161-19169.	6.6	19
9	Shear-Assisted Formation of Cation-Disordered Rocksalt NaMO ₂ (M = Fe or Mn). Chemistry of Materials, 2018, 30, 8811-8821.	3.2	17
10	Semiquinone radical-bridged M ₂ (M = Fe, Co, Ni) complexes with strong magnetic exchange giving rise to slow magnetic relaxation. Chemical Science, 2020, 11, 8196-8203.	3.7	17
11	Effect of Spin-Orbit Coupling on Phonon-Mediated Magnetic Relaxation in a Series of Zero-Valent Vanadium, Niobium, and Tantalum Isocyanide Complexes. Inorganic Chemistry, 2021, 60, 18553-18560.	1.9	15
12	Bimetallic Mechanism for Alkyne Cyclotrimerization with a Two-Coordinate Fe Precatalyst. ACS Catalysis, 2020, 10, 7800-7807.	5.5	14
13	Spectroscopic, Magnetic, and Computational Investigations on a Series of Rhenium(III) Cyclopentadienide I ² -diketiminato Halide and Pseudohalide Complexes. Organometallics, 0, , .	1.1	3