

Zhu-Lin Xie

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

170
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron Hydride Detection and Intramolecular Hydride Transfer in a Synthetic Model of Mono-Iron Hydrogenase with a CNS Chelate. <i>Inorganic Chemistry</i> , 2016, 55, 386-389.	4.0	34
2	Structures, Interconversions, and Spectroscopy of Iron Carbonyl Clusters with an Interstitial Carbide: Localized Metal Center Reduction by Overall Cluster Oxidation. <i>Inorganic Chemistry</i> , 2017, 56, 5998-6012.	4.0	26
3	Mononuclear Iron(II) Dicarbonyls Derived from NNS Ligands - Structural Models Related to a Pre-Acyl-Active Site of Mono-Iron (Hmd) Hydrogenase. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1675-1691.	2.0	16
4	Substitution reactions of iron(II) carbamoyl-thioether complexes related to mono-iron hydrogenase. <i>Dalton Transactions</i> , 2017, 46, 10814-10829.	3.3	15
5	Unveiling ultrafast dynamics in bridged bimetallic complexes using optical and X-ray transient absorption spectroscopies. <i>Chemical Science</i> , 2022, 13, 1715-1724.	7.4	14
6	Versatile Nickel(II) Scaffolds as Coordination-Induced Spin-State Switches for ¹⁹ F Magnetic Resonance-Based Detection. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22523-22530.	13.8	13
7	Four novel alkaline-earth metal coordination polymers with networks controlled by the diverse coordination modes of amino-sulfonate ligand: Synthesis, crystal structures and luminescent properties. <i>Inorganica Chimica Acta</i> , 2012, 384, 117-124.	2.4	11
8	Synthesis and crystal structure of novel samarium coordination polymer derived from sulfonic acid ligand. <i>Journal of Rare Earths</i> , 2010, 28, 456-459.	4.8	8
9	Syntheses, Structures, and Characterization of Nickel(II) Stibines: Steric and Electronic Rationale for Metal Deposition. <i>Inorganic Chemistry</i> , 2018, 57, 10364-10374.	4.0	6
10	Effects of Thiolate Ligation in Monoiron Hydrogenase (Hmd): Stability of the {Fe(CO) ₂ } ²⁺ Core with NNS Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 10028-10039.	4.0	6
11	Versatile Nickel(II) Scaffolds as Coordination-Induced Spin-State Switches for ¹⁹ F Magnetic Resonance-Based Detection. <i>Angewandte Chemie</i> , 2020, 132, 22712-22719.	2.0	6
12	Bimetallic Copper/Ruthenium/Osmium Complexes: Observation of Conformational Differences Between the Solution Phase and Solid State by Atomic Pair Distribution Function Analysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202111764.	13.8	5
13	Synthesis and Magnetic Properties of Antimony-Ligated Co(II) Complexes: Stibines versus Phosphines. <i>Inorganic Chemistry</i> , 2022, 61, 6733-6741.	4.0	5
14	Bioinspired CNP Iron(II) Pincers Relevant to [Fe]-Hydrogenase (Hmd): Effect of Dicarbonyl versus Monocarbonyl Motifs in H ₂ Activation and Transfer Hydrogenation. <i>Inorganic Chemistry</i> , 2020, 59, 2548-2561.	4.0	2
15	Poly[aqua(1,4,1,4,6-dihydroxybenzene-1,3-disulfonato)dipotassium]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1745-m1745.	0.2	0
16	Bimetallic Cu/Ru/Os Complexes: Observation of Conformational Differences Between the Solution Phase and Solid State by Atomic Pair Distribution Function Analysis. <i>Angewandte Chemie</i> , 0, , .	2.0	0
17	Titelbild: Bimetallic Copper/Ruthenium/Osmium Complexes: Observation of Conformational Differences Between the Solution Phase and Solid State by Atomic Pair Distribution Function Analysis (<i>Angew. Chem.</i> 5/2022). <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0