

Shu-Chang Luo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9030749/publications.pdf>

Version: 2024-02-01

22
papers

279
citations

1040056

9
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical studies on dicopper(II) complexes of phenoxido-bridged ligands: Magneto-structural correlations. <i>Computational and Theoretical Chemistry</i> , 2022, 1207, 113524.	2.5	6
2	Magnetic Anisotropy from Easy-Plane to Easy-Axial in Square Pyramidal Cobalt(II) Single-Ion Magnets. <i>Crystal Growth and Design</i> , 2022, 22, 2742-2748.	3.0	7
3	Slow magnetic relaxation in dinuclear Co(III)-Co(II) complexes containing a five-coordinated Co(II) centre with easy-axis anisotropy. <i>Dalton Transactions</i> , 2022, , .	3.3	3
4	Effect of para substituents on magnetic properties of azido-Cu(II) complexes with benzoate/azide coligands: A theoretical perspective. <i>Polyhedron</i> , 2022, 223, 115983.	2.2	3
5	Two lanthanide-based dinuclear clusters (Gd ₂ and Dy ₂) with Schiff base derivatives: Synthesis, structures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2021, 514, 120015.	2.4	7
6	From antiferromagnetic to ferromagnetic exchange in a family of phenoxido-bridged heterodinuclear Cu(II)-Mn(II) complexes: A magneto-structural theoretical study. <i>Polyhedron</i> , 2021, 194, 114955.	2.2	7
7	Structures and magnetic properties of two dinuclear lanthanide complexes based on 8-hydroxyquinoline Schiff base derivatives. <i>Journal of Molecular Structure</i> , 2021, 1232, 130070.	3.6	3
8	Regulation mechanism of the solvent coligands on the magnetic properties of azido-Cu(II) complexes by mixed carboxylate/alkanols ligands: A theoretical exploration. <i>Polyhedron</i> , 2021, 205, 115312.	2.2	5
9	Theoretical investigation of the effect of auxiliary ligands on dipyrazole-bridged binuclear Cu(II) complexes. <i>Chemical Physics Letters</i> , 2021, 784, 139102.	2.6	6
10	Switching of easy-axis to easy-plane anisotropy in cobalt(II) complexes. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5158-5168.	6.0	12
11	Two hexanuclear lanthanide Ln ₆ clusters featuring remarkable magnetocaloric effect and slow magnetic relaxation behavior. <i>New Journal of Chemistry</i> , 2020, 44, 18025-18030.	2.8	14
12	Effects of carboxylic acid auxiliary ligands on the magnetic properties of azido-Cu(II) complexes: A density functional theory study. <i>Polyhedron</i> , 2020, 182, 114506.	2.2	14
13	Effect of 3d heterometallic ions on the magnetic properties of azido-Cu(II) with isonicotinic acid coligands: A theoretical perspective. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 97, 107562.	2.4	11
14	Coligand effects on the architectures and magnetic properties of octahedral cobalt(II) complexes with easy-axis magnetic anisotropy. <i>CrystEngComm</i> , 2020, 22, 2297-2303.	2.6	6
15	Solvent-induced single-crystal-to-single-crystal transformation and tunable magnetic properties of 1D azido-Cu(II) chains with a carboxylate bridge. <i>Dalton Transactions</i> , 2019, 48, 11268-11277.	3.3	13
16	Solvent coligands fine-tuned the structures and magnetic properties of triple-bridged 1D azido-copper(II) coordination polymers. <i>New Journal of Chemistry</i> , 2019, 43, 601-608.	2.8	12
17	Modulation of the magnetic anisotropy of octahedral cobalt(II) single-ion magnets by fine-tuning the axial coordination microenvironment. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 848-856.	6.0	50
18	Coligand modifications fine-tuned the structure and magnetic properties of two triple-bridged azido-Cu(II) chain compounds exhibiting ferromagnetic ordering and slow relaxation. <i>Dalton Transactions</i> , 2017, 46, 1207-1217.	3.3	64

#	ARTICLE	IF	CITATIONS
19	Ferromagnetic ordering and slow magnetic relaxation observed in a triple-bridged azido-Cu(μ_3) chain compound with mixed carboxylate/ethanol linkers. <i>New Journal of Chemistry</i> , 2017, 41, 9631-9638.	2.8	17
20	Shape-controlled synthesis of star-shaped Cu _{2-x} SySe _{1-y} materials with highly enhanced chemiluminescence. <i>Journal of Alloys and Compounds</i> , 2016, 678, 70-79.	5.5	2
21	A new cobalt(II)-containing coordination polymer composed of dinuclear metal units: synthesis, crystal structure, and magnetic properties with DFT calculations. <i>Canadian Journal of Chemistry</i> , 2015, 93, 1214-1218.	1.1	4
22	Metallofullerenes Encaging Mixed-Metal Clusters: Synthesis and Structural Studies of Gd _x Ho _{3-x} N@C ₈₀ and Gd _x Lu _{3-x} N@C ₈₀ . <i>ChemPhysChem</i> , 2015, 16, 295-298.	2.1	13