Shu-Chang Luo

List of Publications by Year
in descending order

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22	279	1040056	940533
papers	citations	9 h-index	16 g-index

22	22	22	296
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coligand modifications fine-tuned the structure and magnetic properties of two triple-bridged azido-Cu(<scp>ii</scp>) chain compounds exhibiting ferromagnetic ordering and slow relaxation. Dalton Transactions, 2017, 46, 1207-1217.	3.3	64
2	Modulation of the magnetic anisotropy of octahedral cobalt(<scp>ii</scp>) single-ion magnets by fine-tuning the axial coordination microenvironment. Inorganic Chemistry Frontiers, 2019, 6, 848-856.	6.0	50
3	Ferromagnetic ordering and slow magnetic relaxation observed in a triple-bridged azido-Cu(<scp>ii</scp>) chain compound with mixed carboxylate/ethanol linkers. New Journal of Chemistry, 2017, 41, 9631-9638.	2.8	17
4	Two hexanuclear lanthanide Ln₆^{III} clusters featuring remarkable magnetocaloric effect and slow magnetic relaxation behavior. New Journal of Chemistry, 2020, 44, 18025-18030.	2.8	14
5	Effects of carboxylic acid auxiliary ligands on the magnetic properties of azido-Cu(II) complexes: A density functional theory study. Polyhedron, 2020, 182, 114506.	2.2	14
6	Metallofullerenes Encaging Mixedâ€Metal Clusters: Synthesis and Structural Studies of Gd_xHo_{3â^'x}N@C₈₀ and Gd_xLu_{3â^'x}N@C₈₀. ChemPhysChem, 2015, 16, 295-298.	2.1	13
7	Solvent-induced single-crystal-to-single-crystal transformation and tunable magnetic properties of 1D azido-Cu(<scp>ii</scp>) chains with a carboxylate bridge. Dalton Transactions, 2019, 48, 11268-11277.	3.3	13
8	Solvent coligands fine-tuned the structures and magnetic properties of triple-bridged 1D azido-copper(<scp>ii</scp>) coordination polymers. New Journal of Chemistry, 2019, 43, 601-608.	2.8	12
9	Switching of easy-axis to easy-plane anisotropy in cobalt(<scp>ii</scp>) complexes. Inorganic Chemistry Frontiers, 2021, 8, 5158-5168.	6.0	12
10	Effect of 3d heterometallic ions on the magnetic properties of azido-Cu(II) with isonicotinic acid coligands: A theoretical perspective. Journal of Molecular Graphics and Modelling, 2020, 97, 107562.	2.4	11
11	Two lanthanide-based dinuclear clusters (Gd2 and Dy2) with Schiff base derivatives: Synthesis, structures and magnetic properties. Inorganica Chimica Acta, 2021, 514, 120015.	2.4	7
12	From antiferromagnetic to ferromagnetic exchange in a family of phenoxido-bridged heterodinuclear Cu(II)-Mn(II) complexes: A magneto-structural theoretical study. Polyhedron, 2021, 194, 114955.	2.2	7
13	Magnetic Anisotropy from Easy-Plane to Easy-Axial in Square Pyramidal Cobalt(II) Single-Ion Magnets. Crystal Growth and Design, 2022, 22, 2742-2748.	3.0	7
14	Coligand effects on the architectures and magnetic properties of octahedral cobalt(<scp>ii</scp>) complexes with easy-axis magnetic anisotropy. CrystEngComm, 2020, 22, 2297-2303.	2.6	6
15	Theoretical investigation of the effect of auxiliary ligands on dipyrazole-bridged binuclear Cu(II) complexes. Chemical Physics Letters, 2021, 784, 139102.	2.6	6
16	Theoretical studies on dicopper(II) complexes of phenoxido-bridged ligands: Magneto-structural correlations. Computational and Theoretical Chemistry, 2022, 1207, 113524.	2.5	6
17	Regulation mechanism of the solvent coligands on the magnetic properties of azido-Cu(II) complexes by mixed carboxylate/alkanols ligands: A theoretical exploration. Polyhedron, 2021, 205, 115312.	2.2	5
18	A new cobalt(II)-containing coordination polymer composed of dinuclear metal units: synthesis, crystal structure, and magnetic properties with DFT calculations. Canadian Journal of Chemistry, 2015, 93, 1214-1218.	1.1	4

#	Article	IF	Citations
19	Structures and magnetic properties of two dinuclear lanthanide complexes based on 8-hydroxyquinoline Schiff base derivatives. Journal of Molecular Structure, 2021, 1232, 130070.	3.6	3
20	Slow magnetic relaxation in dinuclear Co(III)-Co(II) complexes containing a five-coordinated Co(II) centre with easy-axis anisotropy. Dalton Transactions, 2022, , .	3.3	3
21	Effect of para substituents on magnetic properties of azido-Cu(II) complexes with benzoate/azide coligands: A theoretical perspective. Polyhedron, 2022, 223, 115983.	2.2	3
22	Shape-controlled synthesis of star-shaped Cu2-xSySe1-y materials with highly enhanced chemiluminescence. Journal of Alloys and Compounds, 2016, 678, 70-79.	5.5	2