

Chong-Bin Tian

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cation modulated spin state and near room temperature transition within a family of compounds containing the same $[\text{FeL}_2]^{2+}$ center. Dalton Transactions, 2022, 51, 3894-3901.	3.3	2
2	Coordination-Directed Self-Assembly of Functional Polynuclear Lanthanide Supramolecular Architectures. Chemical Reviews, 2022, 122, 6374-6458.	47.7	109
3	A Stable $3d^4$ Heterometallic Cluster with Magneto-Optical Activity. Inorganic Chemistry, 2022, 61, 8746-8751.	4.0	2
4	From a mononuclear FeL_2 complex to a Fe_4L_4 molecular square: Designed assembly and spin-crossover property. Nano Research, 2021, 14, 398-403.	10.4	13
5	Coordination-Assembled Molecular Cages with Metal Cluster Nodes. Chemical Record, 2021, 21, 498-522.	5.8	19
6	Controlled Self-Assembly and Multistimuli-Responsive Interconversions of Three Conjoined Twin-Cages. Journal of the American Chemical Society, 2021, 143, 2016-2024.	13.7	64
7	Synthesis, structure, magnetocaloric effect and DFT calculations of a MnII cluster-based inorganic coordination polymer. Journal of Alloys and Compounds, 2021, 878, 160353.	5.5	5
8	$3d^4$ Heterometallic cluster incorporated polyoxoniobates with magnetic properties. Chemical Communications, 2021, 57, 8624-8627.	4.1	17
9	Multistep Structural Transformation of a Magnetic Metal-Organic Framework: Possible Transformation Mechanism, Form Evolution, and Magnetic Properties. Crystal Growth and Design, 2020, 20, 1203-1210.	3.0	10
10	Tuning the Topology from fcu to pcu : Synthesis and Magnetocaloric Effect of Metal-Organic Frameworks Based on a Hexanuclear Gd(III) -Hydroxy Cluster. Crystal Growth and Design, 2019, 19, 55-59.	3.0	17
11	$\text{Mg}_x\text{Co}_x\text{Li}_2(3,5\text{-pdch})_2(\text{DMF})_2$ ($x=1$) $\text{Tj ETQq1 1 0.784314}$ Co_{2+} ions. New Journal of Chemistry, 2018, 42, 5096-5101.	2.8	3
12	A new approach to fabricate the Mn(II) -based magnetic refrigerant through incorporation of a diamagnetic $\{\text{LiO}_4\}$ spacer. Dalton Transactions, 2018, 47, 2143-2147.	3.3	12
13	Magnetic Tuning of an Anionic Co_{II} -MOF through Deionization of the Framework: Spin-Canting, Spin-Flop, and Easy-Plane Magnetic Anisotropy. Chemistry - A European Journal, 2017, 23, 767-772.	3.3	20
14	Designed Assembly of Heterometallic Cluster Organic Frameworks Based on Anderson-Type Polyoxometalate Clusters. Angewandte Chemie - International Edition, 2016, 55, 6462-6466.	13.8	150
15	A dual-walled cage MOF as an efficient heterogeneous catalyst for the conversion of CO_2 under mild and co-catalyst free conditions. Green Chemistry, 2016, 18, 4086-4091.	9.0	127
16	Designed Assembly of Heterometallic Cluster Organic Frameworks Based on Anderson-Type Polyoxometalate Clusters. Angewandte Chemie, 2016, 128, 6572-6576.	2.0	24
17	Four New Mn_{II} Inorganic-Organic Hybrid Frameworks with Diverse Inorganic Magnetic Chain Sequences: Syntheses, Structures, Magnetic, NLO, and Dielectric Properties. Inorganic Chemistry, 2015, 54, 2560-2571.	4.0	57
18	An unprecedented anionic Ln -MOF with a cage-within-cage motif: spontaneous reduction and immobilization of ion-exchanged Pd(II) to Pd-NPs in the framework. Journal of Materials Chemistry A, 2015, 3, 24525-24531.	10.3	27

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19	Reversible crystal-to-amorphous-to-crystal phase transition and a large magnetocaloric effect in a spongelike metal organic framework material. <i>Chemical Communications</i> , 2014, 50, 1915.	4.1	59
20	Highly chemical and thermally stable luminescent Eu _x Tb _{1-x} MOF materials for broad-range pH and temperature sensors. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8065-8070.	5.5	163
21	Synthesis, structures, and magnetic properties of a series of new heterometallic hexanuclear Co ₂ Ln ₄ (Ln = Eu, Gd, Tb and Dy) clusters. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 695-704.	6.0	36
22	Synthesis, Structure, and Magnetic Study of Two Tridecanuclear Planar Cobalt Clusters with Unique Core Geometries. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5534-5540.	2.0	11
23	Spontaneous resolution of a homochiral helix built from a tetra-nuclear nickel cluster. <i>CrystEngComm</i> , 2012, 14, 3347.	2.6	20
24	Synthesis, Structures, and Magnetic Properties of Three 3D Coordination Polymers Based on M ₄ O ₄ Cubanes (M = Mn ^{II} , Fe ^{II} , Co ^{II}). <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4029-4035.	2.0	22
25	Two new ferrimagnetic MnII-carboxylate coordination polymers constructed from 5-tert-butyl isophthalic acid with (5/2, 15/2) and (5/2, 10/2) spin topologies. <i>CrystEngComm</i> , 2011, 13, 3080.	2.6	38