

Chong Zhao

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Optically Controlled Molecular Metallofullerene Magnetism via an Azobenzene-Functionalized Metal-Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32607-32612.	8.0	57
2	Controlling the magnetic properties of dysprosium metallofullerene within metal-organic frameworks. <i>Dalton Transactions</i> , 2016, 45, 19226-19229.	3.3	31
3	Luminescent single-molecule magnet of metallofullerene DyErScN@Ih-C80. <i>Nano Research</i> , 2019, 12, 1727-1731.	10.4	27
4	Supramolecular Complexes of C ₈₀ -Based Metallofullerenes with [12]Cycloparaphenylene Nanoring and Altered Property in a Confined Space. <i>Journal of Physical Chemistry C</i> , 2019, 123, 12514-12520.	3.1	25
5	An implanted paramagnetic metallofullerene probe within a metal-organic framework. <i>Nanoscale</i> , 2018, 10, 3291-3298.	5.6	22
6	Changing the Hydrophobic MOF Pores through Encapsulating Fullerene C ₆₀ and Metallofullerene Sc ₃ C ₂ @C ₈₀ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 6265-6269.	3.1	21
7	A luminescent single-molecule magnet of dimetallofullerene with cage-dependent properties. <i>Nanoscale</i> , 2019, 11, 18612-18618.	5.6	20
8	Sc ₂ S@C ₇₄ : Linear metal sulfide cluster inside an IPR-violating fullerene. <i>Chemical Physics Letters</i> , 2013, 570, 121-124.	2.6	15
9	Construction of a short metallofullerene-peapod with a spin probe. <i>Chemical Communications</i> , 2019, 55, 11511-11514.	4.1	14
10	Anisotropic Paramagnetic Properties of Metallofullerene Confined in a Metal-Organic Framework. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4635-4640.	3.1	13
11	Aminated Fullerene Abrogates Cancer Cell Migration by Directly Targeting Myosin Heavy Chain 9. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56862-56873.	8.0	11
12	Construction of a double-walled carbon nanoring. <i>Nanoscale</i> , 2021, 13, 4880-4886.	5.6	11
13	Single-Molecule Magnet with Thermally Activated Delayed Fluorescence Based on a Metallofullerene Integrated by Dysprosium and Yttrium Ions. <i>ACS Nano</i> , 2021, 15, 19080-19088.	14.6	10
14	Scandium Tetrahedron Supported by H Anion and CN Pentaanion inside Fullerene C ₈₀ . <i>Inorganic Chemistry</i> , 2020, 59, 8284-8290.	4.0	7
15	Theoretical Study on Experimentally Detected Sc ₂ S@C ₈₄ . <i>ChemPhysChem</i> , 2014, 15, 2780-2784.	2.1	5
16	A computational study on Sc ₂ S@C ₆₈ and Sc ₂ O ₂ @C ₆₈ . <i>RSC Advances</i> , 2015, 5, 30409-30415.	3.6	5
17	Synthesis and Structural Studies of Two Paramagnetic Metallofullerenes with Isomeric C ₇₂ Cage. <i>Inorganic Chemistry</i> , 2019, 58, 8162-8168.	4.0	5
18	Crystallographic evidence and spin activation for the Russian-doll-type metallofullerene Sc ₄ C ₂ @C ₈₀ . <i>Chemical Communications</i> , 2020, 56, 10879-10882.	4.1	5

#	ARTICLE	IF	CITATIONS
19	Covalently bonded two spin centers of paramagnetic metallofullerene dimer. Nano Research, 2021, 14, 4658.	10.4	5
20	Awaking N-hyperfine couplings in charged yttrium nitride endohedral fullerenes. Physical Chemistry Chemical Physics, 2017, 19, 26846-26850.	2.8	3
21	Zirconium nitride as a highly efficient nitrogen source to synthesize the metal nitride clusterfullerenes. Science China Chemistry, 2021, 64, 29-33.	8.2	2