

Zheng Cui

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

620
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687220

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20
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoselective Self-Assembly of Complex Chiral Radial [5]Catenanes Using Half-Sandwich Rhodium/Iridium Building Blocks. <i>Journal of the American Chemical Society</i> , 2022, 144, 2379-2386.	6.6	27
2	Half-Sandwich Rhodium and Iridium Complexes. , 2022, , 55-187.		1
3	Construction of organometallic trefoil knots and one-dimensional chains featuring half-sandwich Cp*Rh corner units and an abnormal zwitterion ligand. <i>Organic Chemistry Frontiers</i> , 2021, 8, 231-238.	2.3	5
4	Adaptive Self-Assembly and Induced-Fit Interconversions between Molecular Borromean Rings, Russian Dolls and Ring-in-a-Ring Complexes. <i>Chinese Journal of Chemistry</i> , 2021, 39, 360-366.	2.6	19
5	Selective construction and stability studies of a molecular trefoil knot and Solomon link. <i>Dalton Transactions</i> , 2021, 50, 16984-16989.	1.6	24
6	Rational Design and Synthesis of Interlocked [2]Catenanes Featuring ^{Half-Sandwich} Cp*Rh/Ir Units and ^{Pyrene-Based} Ligands. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3303-3308.	2.6	16
7	Synthesis and Near-Infrared Photothermal Conversion of Discrete Supramolecular Topologies Featuring Half-Sandwich [Cp*Rh] Units. <i>Journal of the American Chemical Society</i> , 2021, 143, 17833-17842.	6.6	36
8	2D Metal-Organic Framework Derived Co ₃ O ₄ for the Oxygen Evolution Reaction and High-Performance Lithium-Ion Batteries. <i>ChemNanoMat</i> , 2020, 6, 1770-1775.	1.5	5
9	Stereoselective Synthesis of a Topologically Chiral Solomon Link. <i>Journal of the American Chemical Society</i> , 2020, 142, 13667-13671.	6.6	46
10	Tetranuclear cobalt(ii)-isonicotinic acid frameworks: selective CO ₂ capture, magnetic properties, and derived Co ₃ O ₄ exhibiting high performance in lithium ion batteries. <i>Dalton Transactions</i> , 2019, 48, 296-303.	1.6	10
11	Selective CO ₂ adsorption and theoretical simulation of a stable Co(ii)-based metal-organic framework with tunable crystal size. <i>CrystEngComm</i> , 2019, 21, 1564-1569.	1.3	3
12	Assembly of metal-organic frameworks based on 4-connected 3,3',5,5'-azobenzene tetracarboxylic acid: structures, magnetic properties, and sensing of Fe ³⁺ ions. <i>New Journal of Chemistry</i> , 2019, 43, 4226-4234.	1.4	8
13	In Situ Encapsulating MnS into N,S-Codoped Nanotube-Like Carbon as Advanced Anode Material: Phase Transition Promoted Cycling Stability and Superior Li/Na Storage Performance in Half/Full Cells. <i>Advanced Materials</i> , 2018, 30, e1706317.	11.1	164
14	³ D Porous CoS ₂ Hexadecahedron Derived from MOC toward Ultrafast and Long-Lifespan Lithium Storage. <i>Chemistry - A European Journal</i> , 2018, 24, 6798-6803.	1.7	16
15	Diverse Structures Based on a Heptanuclear Cobalt Cluster with 0D to 3D Metal-Organic Frameworks: Magnetism and Application in Batteries. <i>Chemistry - A European Journal</i> , 2018, 24, 1962-1970.	1.7	29
16	Ni _{1.5} CoSe ₅ nanocubes embedded in 3D dual N-doped carbon network as advanced anode material in sodium-ion full cells with superior low-temperature and high-power properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22966-22975.	5.2	83
17	A Nano-Sized [Mn ^{II} ₁₈] Metallamacrocycle as a Building Unit to Construct Stable Metal-Organic Frameworks: Effective Gas Adsorption and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 19152-19155.	1.7	13
18	Anionic Lanthanide Metal-Organic Frameworks: Selective Separation of Cationic Dyes, Solvatochromic Behavior, and Luminescent Sensing of Co(II) Ion. <i>Inorganic Chemistry</i> , 2018, 57, 11463-11473.	1.9	88

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19	Selective chiral symmetry breaking and luminescence sensing of a Zn(II) metal-organic framework. Dalton Transactions, 2018, 47, 7934-7940.	1.6	14
20	Charge control of the formation of two neutral/cationic metal-organic frameworks based on neutral/cationic triangular clusters and isonicotinic acid: structure, gas adsorption and magnetism. CrystEngComm, 2018, 20, 5402-5408.	1.3	13