

Min Fang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

659
citations

623734

14
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of the interpenetrated MOF-5. <i>Journal of Materials Chemistry</i> , 2010, 20, 3758.	6.7	152
2	A Zr metal-organic framework based on tetrakis(4-carboxyphenyl) silane and factors affecting the hydrothermal stability of Zr-MOFs. <i>Dalton Transactions</i> , 2015, 44, 8049-8061.	3.3	77
3	What can pK _a and NBO charges of the ligands tell us about the water and thermal stability of metal organic frameworks?. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16250-16267.	10.3	63
4	Syntheses of Exceptionally Stable Aluminum(III) Metal-Organic Frameworks: How to Grow High-Quality, Large, Single Crystals. <i>Chemistry - A European Journal</i> , 2017, 23, 15518-15528.	3.3	60
5	A Pair of Rare Three-Dimensional Chiral Polyoxometalate-Based Metal-Organic Framework Enantiomers Featuring Superior Performance as the Anode of Lithium-Ion Battery. <i>ACS Applied Energy Materials</i> , 2018, 1, 4931-4938.	5.1	37
6	Two 2D Layered P ₄ Mo ₆ Clusters with Potential Bifunctional Properties: Proton Conduction and CO ₂ Photoreduction. <i>Inorganic Chemistry</i> , 2020, 59, 12876-12883.	4.0	33
7	Highly Stable Mesoporous Zirconium Porphyrinic Frameworks with Distinct Flexibility. <i>Chemistry - A European Journal</i> , 2016, 22, 6268-6276.	3.3	31
8	SbSI Nanocrystals: An Excellent Visible Light Photocatalyst with Efficient Generation of Singlet Oxygen. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12166-12175.	6.7	27
9	An unprecedented (3,7)-connected microporous solvatochromic coordination polymer built on a semirigid tripod pyridinium-4-olate ligand. <i>CrystEngComm</i> , 2011, 13, 6010.	2.6	20
10	Theoretical and experimental studies on three water-stable, isostructural, paddlewheel based semiconducting metal-organic frameworks. <i>Dalton Transactions</i> , 2017, 46, 8204-8218.	3.3	20
11	A new strategy to construct metal-organic frameworks with ultrahigh chemical stability. <i>CrystEngComm</i> , 2014, 16, 8656-8659.	2.6	18
12	An Unprecedented M ^{II} -O Cluster Constructed from Nanosized {[C ₅ NH ₅] ₉ [H ₃₁ Mo ^V] ₁₂ O ₂₄ }] ₄ Co ₁₇ Cl ₁₇ Anions Exhibiting Interesting Nonlinear-Optical Properties. <i>Inorganic Chemistry</i> , 2016, 55, 11621-11625.	4.0	17
13	A 6-fold interpenetrated ThSi ₂ topological metal-organic framework from a nanosized tripodal aromatic acid. <i>CrystEngComm</i> , 2012, 14, 5166.	2.6	15
14	Synthesis of an exceptional water-stable two-fold interpenetrated Zn(<i>ii</i>)-paddlewheel metal-organic framework. <i>CrystEngComm</i> , 2015, 17, 5906-5910.	2.6	15
15	Shape-controlled synthesis of Fe ₂ O ₃ nanocrystals for efficient adsorptive removal of Congo red. <i>RSC Advances</i> , 2015, 5, 49696-49702.	3.6	14
16	Charge, adsorption, water stability and bandgap tuning of an anionic Cd(<i>ii</i>) porphyrinic metal-organic framework. <i>Dalton Transactions</i> , 2019, 48, 8678-8692.	3.3	14
17	Syntheses, structures and photoelectrochemical properties of three water-stable, visible light absorbing metal-organic frameworks based on tetrakis(4-carboxyphenyl)silane and 1,4-bis(pyridyl)benzene mixed ligands. <i>Journal of Solid State Chemistry</i> , 2017, 253, 129-138.	2.9	9
18	Solvent-Induced Growth of Free-Standing 2D Si Nanosheets. <i>Small</i> , 2020, 16, e2005426.	10.0	9

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19	(M3L4 + M2L4): a unique example of a co-crystal containing M3L4 and M2L4 metallocages. CrystEngComm, 2013, 15, 10311.	2.6	6
20	Two Ni(II) semiconducting metal-organic frameworks based on the tetrakis(4-carboxyphenyl)silane and an imidazole ligand: Syntheses, characterization, water stability and photoelectric properties. Journal of Solid State Chemistry, 2018, 265, 100-108.	2.9	5
21	Two anionic Ni(II) porphyrinic metal-organic frameworks: Syntheses, flexibility and roles in visible-light photocatalytic CO ₂ reduction to CO in the Ru(bpy) ₃ Cl ₂ /TEA/CH ₃ CN system. Journal of Solid State Chemistry, 2020, 287, 121340.	2.9	5
22	Syntheses of new topology BTTB-based metal-organic frameworks in CH ₃ CN/H ₂ O mixed solvents. Journal of Coordination Chemistry, 2016, 69, 2220-2230.	2.2	4
23	The cocatalyst roles of three anionic Cd(II) porphyrinic metal-organic frameworks in the photocatalytic CO ₂ reduction to CO process carried out in Ru(bpy) ₃ Cl ₂ /CH ₃ CN/H ₂ O/Triethylamine or triethanolamine system. Journal of Solid State Chemistry, 2020, 292, 121690.	2.9	4
24	Theoretical Investigation into Thermodynamics and Electronic Structure of an Ammonia-productive Molybdenum-centered Catalyst. Inorganic Chemistry, 2021, 60, 11878-11882.	4.0	3
25	Syntheses, characterizations and water-electrolysis properties of 2D PdSeO_3 bulk and nanosheet semiconductors. Journal of Solid State Chemistry, 2021, 297, 122018.	2.9	1
26	Frontispiece: Highly Stable Mesoporous Zirconium Porphyrinic Frameworks with Distinct Flexibility. Chemistry - A European Journal, 2016, 22, .	3.3	0