Xun Feng

List of Publications by Year
in descending order

38 papers	2,072 citations	361413 20 h-index	361022 35 g-index
38 all docs	38 docs citations	38 times ranked	1098 citing authors

#	Article	IF	Citations
1	Series dâ€“f Heteronuclear Metalâ€“Organic Frameworks: Color Tunability and Luminescent Probe with Switchable Properties. Inorganic Chemistry, 2017, 56, 1713-1721.	4.0	282
2	A series of Zn-4f heterometallic coordination polymers and a zinc complex containing a flexible mixed donor dicarboxylate ligand. Dalton Transactions, 2013, 42, 7741.	3.3	229
3	A series of homonuclear lanthanide coordination polymers based on a fluorescent conjugated ligand: syntheses, luminescence and sensor for pollutant chromate anion. CrystEngComm, 2015, 17, 7878-7887.	2.6	178
4	A Series of Lanthanideâ^'Organic Frameworks Based on 2-Propyl-1H-imidazole-4,5-dicarboxylate and Oxalate: Syntheses, Structures, Luminescence, and Magnetic Properties. Crystal Growth and Design, 2010, 10, 1399-1408.	3.0	154
5	A series of 3D lanthanide frameworks constructed from aromatic multi-carboxylate ligand: Structural diversity, luminescence and magnetic properties. Dalton Transactions, 2013, 42, 10292.	3.3	151
6	A series of anionic host coordination polymers based on azoxybenzene carboxylate: structures, luminescence and magnetic properties. Dalton Transactions, 2017, 46, 14192-14200.	3.3	145
7	Reticular three-dimensional 3dâ€“4f frameworks constructed through substituted imidazole-dicarboxylate: syntheses, luminescence and magnetic properties study. Dalton Transactions, 2015, 44, 804-816.	3.3	132
8	Temperature and pH driven self-assembly of Zn(ii) coordination polymers: crystal structures, supramolecular isomerism, and photoluminescence. CrystEngComm, 2014, 16, 1687.	2.6	104
9	From Two-Dimensional Double Decker Architecture to Three-DimensionalpcuFramework with One-Dimensional Tube: Syntheses, Structures, Luminescence, and Magnetic Studies. Crystal Growth and Design, 2012, 12, 927-938.	3.0	103
10	A Series of Heterometallic Three-Dimensional Frameworks Constructed from Imidazoleâ€“Dicarboxylate: Structures, Luminescence, and Magnetic Properties. Crystal Growth and Design, 2013, 13, 4469-4479.	3.0	100
11	Lanthanide complexes based on a conjugated pyridine carboxylate ligand: structures, luminescence and magnetic properties. RSC Advances, 2020, 10, 6192-6199.	3.6	57
12	Carbon-confined magnesium hydride nano-lamellae for catalytic hydrogenation of carbon dioxide to lower olefins. Journal of Catalysis, 2019, 379, 121-128.	6.2	47
13	Mechanochemical in-situ incorporation of Ni on MgO/MgH2 surface for the selective O-/C-terminal catalytic hydrogenation of CO2 to CH4. Journal of Catalysis, 2021, 394, 397-405.	6.2	41
14	The synthesis, structural elucidation and fluorescent sensitization detection to Hg2+ based on two lanthanide-organic complexes. Inorganica Chimica Acta, 2020, 502, 119370.	2.4	38
15	MgH₂/Cu_xO Hydrogen Storage Composite with Defect-Rich Surfaces for Carbon Dioxide Hydrogenation. ACS Applied Materials & Interfaces, 2019, 11, 31009-31017.	8.0	37
16	A chainmail effect of ultrathin N-doped carbon shell on Ni2P nanorod arrays for efficient hydrogen evolution reaction catalysis. Journal of Colloid and Interface Science, 2022, 607, 281-289.	9.4	37
17	Two unique cobalt-organic frameworks based on substituted imidazole-dicarboxylate and dipyridyl-type ancillary ligands: Crystal structures and magnetic properties. Inorganic Chemistry Communication, 2016, 66, 41-46.	3.9	30
18	A series of homonuclear lanthanide complexes incorporating isonicotinic based carboxylate tectonic and oxalate coligand: structures, luminescent and magnetic properties. CrystEngComm, 2014, 16, 1334-1343.	2.6	25

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19	Solid-phase hydrogen in a magnesiumâ€“carbon composite for efficient hydrogenation of carbon disulfide. Journal of Materials Chemistry A, 2018, 6, 3055-3062.	10.3	22
20	Cationic bipy induced the three dimensional supramolecules based on azoxybenzene tetracarboxylate: Structures and NIR luminescence property. Polyhedron, 2019, 157, 420-427.	2.2	20
21	Series of d10 complexes based on sulfamethoxazole: Auxiliary ligand induces structure diversity, luminescence and antibacterial properties. Journal of Solid State Chemistry, 2021, 302, 122351.	2.9	19
22	Syntheses, Structures, and Properties of Two Zinc(II) Metalâ€Organic Frameworks based on Biphenylâ€2,3,3â€²,5â€²â€tetracarboxylic Acid and Nâ€Donor Ancillary Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1114-1118.	1.2	18
23	In situ ligand-induced Ln-MOFs based on a chromophore moiety: white light emission and turn-on detection of trace antibiotics. CrystEngComm, 2022, 24, 4187-4200.	2.6	15
24	Effect of atomic iron on hydriding reaction of magnesium: Atomic-substitution and atomic-adsorption cases from a density functional theory study. Applied Surface Science, 2020, 504, 144489.	6.1	14
25	Insight into the effects of electronegativity on the H₂ catalytic activation for CO₂ hydrogenation: four transition metal cases from a DFT study. Catalysis Science and Technology, 2020, 10, 5641-5647.	4.1	13
26	Hydrogen activation on aluminium-doped magnesium hydride surface for methanation of carbon dioxide. Applied Surface Science, 2020, 515, 146038.	6.1	13
27	Synthesis, crystal structures and properties of two nickel (II) complexes with different nitrogen-heterocyclic polycarboxylate ligand. Journal of Molecular Structure, 2019, 1186, 224-229.	3.6	12
28	First-Principles Investigation of Single-Atom Niâ€“g-C₃N₄ as an Efficient Catalyst for Direct Reduction of NO with CO. Energy & Fuels, 2020, 34, 12792-12799.	5.1	8
29	Insight into the energy conversion and structural evolution of magnesium hydride during high-energy ball milling for its controllable synthesis. Journal of Alloys and Compounds, 2020, 836, 155312.	5.5	7
30	Syntheses, structures and hirshfeld surface analyses of two 3D supramolecules based on nitrogen-heterocyclic tricarboxylate ligand. Journal of Molecular Structure, 2019, 1194, 138-143.	3.6	6
31	Two novel hydroxide anions bridged lanthanide coordination polymers based on fluorinated carboxylate ligand: Structures, luminescence and magnetic property. Inorganic Chemistry Communication, 2019, 105, 47-54.	3.9	6
32	Insight into the activation of CO2 and H2 on K2O-adsorbed Fe5C2(110) for olefins production: A density functional theory study. Molecular Catalysis, 2022, 524, 112323.	2.0	4
33	Synthesis, Structure, and Characterization of an Organic Compound Based on 3-Nitrobenzoic Acid Moiety. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 18-24.	0.6	2
34	Crystal structure of poly[diaqua-di-Î¼2-hydroxido-(Î¼4-3,4,5,6-tetrafluoro-1,2-phthalato-Îº4O:Oâ€²:Oâ€²â€²:Oâ€²â€²â€²)-(Î¼4-3,4,5,6-tetrafluoro-1,2-phth â€“ bipyridine (2/1), C21H11NF16O12Sm2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 234, 55-57.	0.3	2
35	Crystal structure of poly-[triaqua-(Î¼4₃-3,4,5,6-tetrafluoro-1,2-phthalato-Îº⁴) Tj ETQq1 1 0.784314 rg praseodymium(III)], C₁₅H₇F₈O₉Pr. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 1139-1141.	0.3	1
36	Crystal structure of 5-(nitro)-salicylaldehydebenzenesulfonic-4-methylhydrazide, C14H15N3O6S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 139-140.	0.3	0

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37	Crystal structure of (E)-2-((2-(2,4-dinitrophenyl)hydrazono)methyl)-4-nitrophenol â€" triethylamine (2/1), C32H33N11O14. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 37-39.	0.3	0
38	The crystal structure of catena-poly[oktaaqua-bis(Î¼₂-4,4â€²-ethene-1,2-diyldipyridine-Îº²) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 C₂₈H₃₆N₄O₁₉Co₂. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 929-931.	0.3	0