

Xun Feng

List of Publications by Year in descending order

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38
papers

2,072
citations

361413

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docs citations

38
times ranked

1098
citing authors

#	ARTICLE	IF	CITATIONS
1	A chainmail effect of ultrathin N-doped carbon shell on Ni ₂ P nanorod arrays for efficient hydrogen evolution reaction catalysis. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 281-289.	9.4	37
2	Insight into the activation of CO ₂ and H ₂ on K ₂ O-adsorbed Fe ₅ C ₂ (110) for olefins production: A density functional theory study. <i>Molecular Catalysis</i> , 2022, 524, 112323.	2.0	4
3	<i>In situ</i> ligand-induced Ln-MOFs based on a chromophore moiety: white light emission and turn-on detection of trace antibiotics. <i>CrystEngComm</i> , 2022, 24, 4187-4200.	2.6	15
4	Mechanochemical in-situ incorporation of Ni on MgO/MgH ₂ surface for the selective O-/C-terminal catalytic hydrogenation of CO ₂ to CH ₄ . <i>Journal of Catalysis</i> , 2021, 394, 397-405.	6.2	41
5	Series of d ₁₀ complexes based on sulfamethoxazole: Auxiliary ligand induces structure diversity, luminescence and antibacterial properties. <i>Journal of Solid State Chemistry</i> , 2021, 302, 122351.	2.9	19
6	Effect of atomic iron on hydriding reaction of magnesium: Atomic-substitution and atomic-adsorption cases from a density functional theory study. <i>Applied Surface Science</i> , 2020, 504, 144489.	6.1	14
7	The synthesis, structural elucidation and fluorescent sensitization detection to Hg ²⁺ based on two lanthanide-organic complexes. <i>Inorganica Chimica Acta</i> , 2020, 502, 119370.	2.4	38
8	Insight into the effects of electronegativity on the H ₂ catalytic activation for CO ₂ hydrogenation: four transition metal cases from a DFT study. <i>Catalysis Science and Technology</i> , 2020, 10, 5641-5647.	4.1	13
9	First-Principles Investigation of Single-Atom Ni@g-C ₃ N ₄ as an Efficient Catalyst for Direct Reduction of NO with CO. <i>Energy & Fuels</i> , 2020, 34, 12792-12799.	5.1	8
10	Insight into the energy conversion and structural evolution of magnesium hydride during high-energy ball milling for its controllable synthesis. <i>Journal of Alloys and Compounds</i> , 2020, 836, 155312.	5.5	7
11	Lanthanide complexes based on a conjugated pyridine carboxylate ligand: structures, luminescence and magnetic properties. <i>RSC Advances</i> , 2020, 10, 6192-6199.	3.6	57
12	Hydrogen activation on aluminium-doped magnesium hydride surface for methanation of carbon dioxide. <i>Applied Surface Science</i> , 2020, 515, 146038.	6.1	13
13	The crystal structure of catena-poly[oktaqua-bis(1/4-4,4'-ethene-1,2-diyl)pyridine-2] Tj ETQq1 1 0.784314 rgBT /Over	0.3	0
14	C ₂₈ H ₃₆ N ₄ O ₁₉ Co ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020, 235, 929-931.		
14	MgH ₂ /Cu _x O Hydrogen Storage Composite with Defect-Rich Surfaces for Carbon Dioxide Hydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31009-31017.	8.0	37
15	Carbon-confined magnesium hydride nano-lamellae for catalytic hydrogenation of carbon dioxide to lower olefins. <i>Journal of Catalysis</i> , 2019, 379, 121-128.	6.2	47
16	Syntheses, structures and hirshfeld surface analyses of two 3D supramolecules based on nitrogen-heterocyclic tricarboxylate ligand. <i>Journal of Molecular Structure</i> , 2019, 1194, 138-143.	3.6	6
17	Synthesis, crystal structures and properties of two nickel (II) complexes with different nitrogen-heterocyclic polycarboxylate ligand. <i>Journal of Molecular Structure</i> , 2019, 1186, 224-229.	3.6	12
18	Two novel hydroxide anions bridged lanthanide coordination polymers based on fluorinated carboxylate ligand: Structures, luminescence and magnetic property. <i>Inorganic Chemistry Communication</i> , 2019, 105, 47-54.	3.9	6

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19	Cationic bipy induced the three dimensional supramolecules based on azoxybenzene tetracarboxylate: Structures and NIR luminescence property. <i>Polyhedron</i> , 2019, 157, 420-427.	2.2	20
20	Solid-phase hydrogen in a magnesium-carbon composite for efficient hydrogenation of carbon disulfide. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3055-3062.	10.3	22
21	Crystal structure of poly[$\frac{1}{4}$ -diaqua-di- $\frac{1}{4}$ -hydroxido-($\frac{1}{4}$ -3,4,5,6-tetrafluoro-1,2-phthalato- $\frac{1}{4}$ -4O:O $\frac{2}{2}$:O $\frac{2}{2}$:O $\frac{2}{2}$)-($\frac{1}{4}$ -3,4,5,6-tetrafluoro-1,2-phthalato- $\frac{1}{4}$ -bipyridine (2/1), C ₂₁ H ₁₁ NF ₁₆ O ₁₂ Sm ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 234, 55-57.	0.3	2
22	Series of Heteronuclear Metal-Organic Frameworks: Color Tunability and Luminescent Probe with Switchable Properties. <i>Inorganic Chemistry</i> , 2017, 56, 1713-1721.	4.0	282
23	A series of anionic host coordination polymers based on azoxybenzene carboxylate: structures, luminescence and magnetic properties. <i>Dalton Transactions</i> , 2017, 46, 14192-14200.	3.3	145
24	Crystal structure of $\text{[Tj ETQqO}_0\text{O}_0\text{rgBT /Overlo}$ praseodymium(III)], C ₁₅ H ₇ F ₈ O ₉ Pr. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 1139-1141.	0.3	1
25	Crystal structure of (E)-2-((2-(2,4-dinitrophenyl)hydrazono)methyl)-4-nitrophenol triethylamine (2/1), C ₃₂ H ₃₃ N ₁₁ O ₁₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 37-39.	0.3	0
26	Two unique cobalt-organic frameworks based on substituted imidazole-dicarboxylate and dipyridyl-type ancillary ligands: Crystal structures and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2016, 66, 41-46.	3.9	30
27	Syntheses, Structures, and Properties of Two Zinc(II) Metal-Organic Frameworks based on Biphenyl-2,3,5-tetracarboxylic Acid and N-Donor Ancillary Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1114-1118.		18
28	A series of homonuclear lanthanide coordination polymers based on a fluorescent conjugated ligand: syntheses, luminescence and sensor for pollutant chromate anion. <i>CrystEngComm</i> , 2015, 17, 7878-7887.	2.6	178
29	Reticular three-dimensional 3d-4f frameworks constructed through substituted imidazole-dicarboxylate: syntheses, luminescence and magnetic properties study. <i>Dalton Transactions</i> , 2015, 44, 804-816.	3.3	132
30	Crystal structure of 5-(nitro)-salicylaldehydebenzenesulfonic-4-methylhydrazide, C ₁₄ H ₁₅ N ₃ O ₆ S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2014, 229, 139-140.	0.3	0
31	A series of homonuclear lanthanide complexes incorporating isonicotinic based carboxylate tectonic and oxalate coligand: structures, luminescent and magnetic properties. <i>CrystEngComm</i> , 2014, 16, 1334-1343.	2.6	25
32	Temperature and pH driven self-assembly of Zn(ii) coordination polymers: crystal structures, supramolecular isomerism, and photoluminescence. <i>CrystEngComm</i> , 2014, 16, 1687.	2.6	104
33	A series of 3D lanthanide frameworks constructed from aromatic multi-carboxylate ligand: Structural diversity, luminescence and magnetic properties. <i>Dalton Transactions</i> , 2013, 42, 10292.	3.3	151
34	A Series of Heterometallic Three-Dimensional Frameworks Constructed from Imidazole-Dicarboxylate: Structures, Luminescence, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2013, 13, 4469-4479.	3.0	100
35	A series of Zn-4f heterometallic coordination polymers and a zinc complex containing a flexible mixed donor dicarboxylate ligand. <i>Dalton Transactions</i> , 2013, 42, 7741.	3.3	229
36	Synthesis, Structure, and Characterization of an Organic Compound Based on 3-Nitrobenzoic Acid Moiety. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 18-24.	0.6	2

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37	From Two-Dimensional Double Decker Architecture to Three-Dimensional <i>pcu</i> Framework with One-Dimensional Tube: Syntheses, Structures, Luminescence, and Magnetic Studies. <i>Crystal Growth and Design</i> , 2012, 12, 927-938.	3.0	103
38	A Series of Lanthanide-Organic Frameworks Based on 2-Propyl-1H-imidazole-4,5-dicarboxylate and Oxalate: Syntheses, Structures, Luminescence, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2010, 10, 1399-1408.	3.0	154