

Guo-Ping Yang

List of Publications by Year in descending order

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67
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3,164
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147801

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155660

55
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docs citations

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times ranked

2273
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic framework as a mimetic enzyme with excellent adaptability for sensitive chemiluminescence detection of glutathione in cell lysate. <i>Talanta</i> , 2022, 238, 123041.	5.5	11
2	White light emission phosphor modulation, nitrobenzene sensing property and barcode anti-counterfeiting via lanthanides post-functionalized metal-organic frameworks. <i>Journal of Solid State Chemistry</i> , 2022, 307, 122854.	2.9	6
3	Two novel luminescent metal-organic frameworks based on the thioether bond modification: The selective sensing and effective CO ₂ fixation. <i>Journal of Solid State Chemistry</i> , 2022, 307, 122813.	2.9	2
4	N-doped carbon material encapsulated cobalt nanoparticles for bifunctional electrocatalysts derived from a porous Co(II)-based metal-organic frameworks (MOFs). <i>Journal of Solid State Chemistry</i> , 2022, 309, 122989.	2.9	3
5	Design and Synthesis of Four Newly Water-Stable Pb-Based Heterometallic Organic Frameworks: How Do the Second Metals (Zn, Cd, Co, and Mn) Optimize Their Fluorescent and Catalytic Properties?. <i>Crystal Growth and Design</i> , 2022, 22, 2628-2636.	3.0	2
6	Recent advances of functional heterometallic-organic framework (HMOF) materials: Design strategies and applications. <i>Coordination Chemistry Reviews</i> , 2022, 463, 214521.	18.8	45
7	Lanthanide-Organic Frameworks with Uncoordinated Lewis Base Sites: Tunable Luminescence, Antibiotic Detection, and Anticounterfeiting. <i>Inorganic Chemistry</i> , 2022, 61, 6101-6109.	4.0	23
8	Highly Efficient I ₂ Sorption, CO ₂ Capture, and Catalytic Conversion by Introducing Nitrogen Donor Sites in a Microporous Co(II)-Based Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2022, 61, 7005-7016.	4.0	10
9	Improved performance of the pyrimidine-modified porous In-MOF and an <i>in situ</i> prepared composite Ag@In-MOF material. <i>Chemical Communications</i> , 2022, 58, 7749-7752.	4.1	7
10	Two comparable Ba-MOFs with similar linkers for enhanced CO ₂ capture and separation by introducing N-rich groups. <i>Rare Metals</i> , 2021, 40, 499-504.	7.1	52
11	Luminescence tuning and sensing properties of stable 2D lanthanide metal-organic frameworks built with symmetrical flexible tricarboxylic acid ligands containing ether oxygen bonds. <i>CrystEngComm</i> , 2021, 23, 411-418.	2.6	13
12	Luminescence modulation, near white light emission, selective luminescence sensing, and anticounterfeiting <i>via</i> a series of Ln-MOFs with a π -conjugated and uncoordinated lewis basic triazolyl ligand. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 329-338.	6.0	35
13	A new 3D luminescent Ba-organic framework with high open metal sites: CO ₂ fixation, luminescence sensing, and dye sorption. <i>CrystEngComm</i> , 2021, 23, 663-670.	2.6	6
14	Design and preparation of new luminescent metal-organic frameworks and different doped isomers: sensing pollution ions and enhancement of gas capture capacity. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 286-295.	6.0	25
15	Recent progresses in luminescent metal-organic frameworks (LMOFs) as sensors for the detection of anions and cations in aqueous solution. <i>Dalton Transactions</i> , 2021, 50, 1950-1972.	3.3	74
16	Uncommon thioether-modified metal-organic frameworks with unique selective CO ₂ sorption and efficient catalytic conversion. <i>CrystEngComm</i> , 2021, 23, 1447-1454.	2.6	1
17	A new porous Co(<i>ii</i>)-metal-organic framework for high sorption selectivity and affinity to CO ₂ and efficient catalytic oxidation of benzyl alcohols to benzaldehydes. <i>CrystEngComm</i> , 2021, 23, 3717-3723.	2.6	18
18	A multi-functional two-dimensional Zn(<i>ii</i>)-organic framework for selective carbon dioxide adsorption, sensing of nitrobenzene and Cr ₂ O ₇ ²⁻ . <i>CrystEngComm</i> , 2021, 23, 7643-7649.	2.6	7

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19	Microporous Cd(II) Metal-Organic Framework for CO ₂ Catalysis, Luminescent Sensing, and Absorption of Methyl Green. <i>Crystal Growth and Design</i> , 2021, 21, 2734-2743.	3.0	29
20	Metal-Organic Frameworks as Heterogeneous Electrocatalysts for Water Splitting and CO ₂ Fixation. <i>Crystal Growth and Design</i> , 2021, 21, 3123-3142.	3.0	24
21	Supramolecular control of MOF pore properties for the tailored guest adsorption/separation applications. <i>Coordination Chemistry Reviews</i> , 2021, 434, 213709.	18.8	141
22	Ultra-high adsorption selectivity and affinity for CO ₂ over CH ₄ , and luminescent properties of three new solvents induced Zn(II)-based metal-organic frameworks (MOFs). <i>Journal of Solid State Chemistry</i> , 2021, 297, 122054.	2.9	7
23	A novel copper-based metal-organic framework as a peroxidase-mimicking enzyme and its glucose chemiluminescence sensing application. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4407-4416.	3.7	29
24	N-Heterocyclic carbenes and their precursors in functionalised porous materials. <i>Chemical Society Reviews</i> , 2021, 50, 13559-13586.	38.1	42
25	Different Benzendicarboxylate-Directed Structural Variations and Properties of Four New Porous Cd(II)-Pyridyl-Triazole Coordination Polymers. <i>Frontiers in Chemistry</i> , 2020, 8, 616468.	3.6	5
26	Highly stable 3D porous HMOF with enhanced catalysis and fine color regulation by the combination of d- and p-ions when compared with those of its monometallic MOFs. <i>Chemical Communications</i> , 2020, 56, 8758-8761.	4.1	52
27	Synthesis of two new Cd(II)-MOFs based on different secondary building units with highly selective gas sorption for CO ₂ /CH ₄ and luminescent sensor for Fe ³⁺ and Cr ^{2O7²⁻} ions. <i>Journal of Solid State Chemistry</i> , 2020, 285, 121258.	2.9	10
28	Constructions of new luminescent 3D porous MOFs with high stability, unique selectivity and low detection limits for various ions in aqueous solution. <i>Journal of Solid State Chemistry</i> , 2020, 285, 121270.	2.9	15
29	Rational Stepwise Construction of Different Heterometallic-Organic Frameworks (HMOFs) for Highly Efficient CO ₂ Conversion. <i>Chemistry - A European Journal</i> , 2020, 26, 5400-5406.	3.3	18
30	Four new metal-organic frameworks based on diverse metal clusters: Syntheses, structures, luminescent sensing and dye adsorption properties. <i>Journal of Solid State Chemistry</i> , 2020, 287, 121336.	2.9	10
31	Fine-Tuning the Porosities of the Entangled Isostructural Zn(II)-Based Metal-Organic Frameworks with Active Sites by Introducing Different N-Auxiliary Ligands: Selective Gas Sorption and Efficient CO ₂ Conversion. <i>Inorganic Chemistry</i> , 2020, 59, 2450-2457.	4.0	20
32	A first new porous d ⁸ p HMOF material with multiple active sites for excellent CO ₂ capture and catalysis. <i>Chemical Communications</i> , 2020, 56, 2395-2398.	4.1	116
33	New Doubly Interpenetrated MOF with [Zn ₄ O] Clusters and Its Doped Isomorphous MOF: Sensing, Dye, and Gas Adsorption Capacity. <i>Crystal Growth and Design</i> , 2019, 19, 6774-6783.	3.0	52
34	Series of Water-Stable Lanthanide Metal-Organic Frameworks Based on Carboxylic Acid Imidazolium Chloride: Tunable Luminescent Emission and Sensing. <i>Inorganic Chemistry</i> , 2019, 58, 13969-13978.	4.0	55
35	New porous Co(II)-based metal-organic framework including 1D ferromagnetic chains with highly selective gas adsorption and slow magnetic relaxation. <i>Journal of Solid State Chemistry</i> , 2019, 276, 226-231.	2.9	9
36	New multifunctional 3D porous metal-organic framework with selective gas adsorption, efficient chemical fixation of CO ₂ and dye adsorption. <i>Dalton Transactions</i> , 2019, 48, 7612-7618.	3.3	41

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37	Luminescence Sensing of Fe ³⁺ and Nitrobenzene by Three Isostructural Ln ^{III} -MOFs Assembled by a Phenyl ² -Dicarboxylate Ligand. <i>ChemistrySelect</i> , 2019, 4, 12794-12800.	1.5	15
38	Facile Incorporation of Au Nanoparticles into an Unusual Twofold Entangled Zn(II)-MOF with Nanocages for Highly Efficient CO ₂ Fixation under Mild Conditions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47437-47445.	8.0	55
39	Four new water-stable metal-organic frameworks based on diverse metal clusters: Syntheses, structures, and luminescent sensing properties. <i>Journal of Solid State Chemistry</i> , 2019, 269, 386-395.	2.9	10
40	Two Series of Microporous Lanthanide ^{III} -Organic Frameworks with Different Secondary Building Units and Exposed Lewis Base Active Sites: Sensing, Dye Adsorption, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2019, 58, 339-348.	4.0	63
41	Highly selective luminescence sensing for the detection of nitrobenzene and Fe ³⁺ by new Cd ^{II} -based MOFs. <i>CrystEngComm</i> , 2018, 20, 477-486.	2.6	119
42	Porous Zn(II)-Based Metal ^{II} -Organic Frameworks Decorated with Carboxylate Groups Exhibiting High Gas Adsorption and Separation of Organic Dyes. <i>Crystal Growth and Design</i> , 2018, 18, 7114-7121.	3.0	248
43	Ln(III)-MOFs (Ln = Tb, Eu, Dy, and Sm) based on triazole carboxylic ligand with carboxylate and nitrogen donors with applications as chemical sensors and magnetic materials. <i>Journal of Coordination Chemistry</i> , 2018, 71, 2702-2713.	2.2	10
44	Design and synthesis of two energetic coordination polymers based on copper ion and 1H,1,5-bis[5,5-bitetrazole]-1,1-diol: A comparative study of the structure-property relationships. <i>Journal of Solid State Chemistry</i> , 2018, 268, 55-61.	2.9	16
45	New Luminescent Three-Dimensional Zn(II)/Cd(II)-Based Metal ^{II} -Organic Frameworks Showing High H ₂ Uptake and CO ₂ Selectivity Capacity. <i>Crystal Growth and Design</i> , 2017, 17, 2059-2065.	3.0	39
46	High CO ₂ Uptake Capacity and Selectivity in a Fascinating Nanotube-Based Metal ^{II} -Organic Framework. <i>Inorganic Chemistry</i> , 2017, 56, 908-913.	4.0	51
47	Solvent-induced diversity of luminescent metal ^{II} -organic frameworks based on different secondary building units. <i>RSC Advances</i> , 2017, 7, 46125-46131.	3.6	8
48	The influence of coordination modes and active sites of a 5-(triazol-1-yl) nicotinic ligand on the assembly of diverse MOFs. <i>Dalton Transactions</i> , 2017, 46, 9784-9793.	3.3	11
49	Low-Pressure Selectivity, Stepwise Gas Sorption Behaviors, and Luminescent Properties (Experimental) Tj ETQq1 1 0.784314 rgBT /Over Growth and Design, 2017, 17, 3965-3973.	3.0	29
50	A microporous anionic metal ^{II} -organic framework for a highly selective and sensitive electrochemical sensor of Cu ²⁺ ions. <i>Chemical Communications</i> , 2016, 52, 8475-8478.	4.1	88
51	The Quantitative Evaluations of the Luminescent Sensing Ability to Cu ²⁺ Based on Two Homologous Crystalline Coordination Polymers. <i>ChemistrySelect</i> , 2016, 1, 3946-3953.	1.5	3
52	Four new lanthanide ^{III} -organic frameworks: selective luminescent sensing and magnetic properties. <i>Dalton Transactions</i> , 2016, 45, 12800-12806.	3.3	38
53	Structural Modulation from 1D Chain to 3D Framework: Improved Thermostability, Insensitivity, and Energies of Two Nitrogen-Rich Energetic Coordination Polymers. <i>Inorganic Chemistry</i> , 2016, 55, 11064-11071.	4.0	39
54	Two Isostructural Metal ^{II} -Organic Frameworks Directed by the Different Center Metal Ions, Exhibiting the Ferrimagnetic Behavior and Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2016, 55, 6592-6596.	4.0	45

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55	Four super water-stable lanthanide-organic frameworks with active uncoordinated carboxylic and pyridyl groups for selective luminescence sensing of Fe ³⁺ . Dalton Transactions, 2015, 44, 13325-13330.	3.3	164
56	Three new luminescent Cd(II)-MOFs by regulating the tetracarboxylate and auxiliary co-ligands, displaying high sensitivity for Fe ³⁺ in aqueous solution. Dalton Transactions, 2015, 44, 10385-10391.	3.3	132
57	Two porous luminescent metal-organic frameworks: quantifiable evaluation of dynamic and static luminescent sensing mechanisms towards Fe ³⁺ . Dalton Transactions, 2015, 44, 17222-17228.	3.3	114
58	Three new solvent-directed Cd(II)-based MOFs with unique luminescent properties and highly selective sensors for Cu ²⁺ cations and nitrobenzene. Dalton Transactions, 2015, 44, 3271-3277.	3.3	203
59	A Rare 1D + 1D → 3D Luminescent Dense Polymer as Multifunctional Sensor to Nitro Aromatic Compounds, Cu ²⁺ , and Bases. Crystal Growth and Design, 2014, 14, 2954-2961.	3.0	56
60	Solvent Influence on Sizes of Channels in Three New Co(II) Complexes, Exhibiting an Active Replaceable Coordinated Site. Crystal Growth and Design, 2013, 13, 66-73.	3.0	57
61	Two isostructural amine-functionalized 3D self-penetrating microporous MOFs exhibiting high sorption selectivity for CO ₂ . CrystEngComm, 2013, 15, 2057.	2.6	32
62	Three new solvent-directed 3D lead(II)-MOFs displaying the unique properties of luminescence and selective CO ₂ sorption. Dalton Transactions, 2013, 42, 13590.	3.3	57
63	Investigation on the prime factors influencing the formation of entangled metal-organic frameworks. CrystEngComm, 2013, 15, 2561.	2.6	131
64	Dynamic Zn-based metal-organic framework: stepwise adsorption, hysteretic desorption and selective carbon dioxide uptake. Journal of Materials Chemistry A, 2013, 1, 6535.	10.3	58
65	Molecular braids in metal-organic frameworks. Chemical Society Reviews, 2012, 41, 6992.	38.1	166
66	Interaction of 1,3-Adamantanediactic Acid (H ₂ ADA) and Ditopic Pyridyl Subunits with Cobalt Nitrate under Hydrothermal Conditions: pH Influence, Crystal Structures, and Their Properties. Crystal Growth and Design, 2010, 10, 76-84.	3.0	86
67	Highly Enhanced Congo Red Sorption of New Functionalized Porous Eu(III)-Organic Framework by the Insertion of Sulfonate Groups. Crystal Growth and Design, 0, , .	3.0	6