Guo-Ping Yang

List of Publications by Year
in descending order

67 papers	3,164 citations	147801 31 h-index	155660 55 g-index
68 all docs	68 docs citations	68 times ranked	2273 citing authors

#	Article	IF	Citations
1	Porous Zn(II)-Based Metalâ€“Organic Frameworks Decorated with Carboxylate Groups Exhibiting High Gas Adsorption and Separation of Organic Dyes. Crystal Growth and Design, 2018, 18, 7114-7121.	3.0	248
2	Three new solvent-directed Cd(<scp>ii</scp>)-based MOFs with unique luminescent properties and highly selective sensors for Cu²⁺ cations and nitrobenzene. Dalton Transactions, 2015, 44, 3271-3277.	3.3	203
3	Molecular braids in metalâ€“organic frameworks. Chemical Society Reviews, 2012, 41, 6992.	38.1	166
4	Four super water-stable lanthanideâ€“organic frameworks with active uncoordinated carboxylic and pyridyl groups for selective luminescence sensing of Fe³⁺. Dalton Transactions, 2015, 44, 13325-13330.	3.3	164
5	Supramolecular control of MOF pore properties for the tailored guest adsorption/separation applications. Coordination Chemistry Reviews, 2021, 434, 213709.	18.8	141
6	Three new luminescent Cd(<scp>ii</scp>)-MOFs by regulating the tetracarboxylate and auxiliary co-ligands, displaying high sensitivity for Fe³⁺ in aqueous solution. Dalton Transactions, 2015, 44, 10385-10391.	3.3	132
7	Investigation on the prime factors influencing the formation of entangled metalâ€“organic frameworks. CrystEngComm, 2013, 15, 2561.	2.6	131
8	Highly selective luminescence sensing for the detection of nitrobenzene and Fe³⁺ by new Cd(<scp>ii</scp>)-based MOFs. CrystEngComm, 2018, 20, 477-486.	2.6	119
9	A first new porous dâ€“p HMOF material with multiple active sites for excellent CO₂capture and catalysis. Chemical Communications, 2020, 56, 2395-2398.	4.1	116
10	Two porous luminescent metalâ€“organic frameworks: quantifiable evaluation of dynamic and static luminescent sensing mechanisms towards Fe³⁺. Dalton Transactions, 2015, 44, 17222-17228.	3.3	114
11	A microporous anionic metalâ€“organic framework for a highly selective and sensitive electrochemical sensor of Cu²⁺ ions. Chemical Communications, 2016, 52, 8475-8478.	4.1	88
12	Interaction of 1,3-Adamantanediacetic Acid (H2ADA) 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
13	Recent progresses in luminescent metalâ€“organic frameworks (LMOFs) as sensors for the detection of anions and cations in aqueous solution. Dalton Transactions, 2021, 50, 1950-1972.	3.3	74
14	Two Series of Microporous Lanthanideâ€“Organic Frameworks with Different Secondary Building Units and Exposed Lewis Base Active Sites: Sensing, Dye Adsorption, and Magnetic Properties. Inorganic Chemistry, 2019, 58, 339-348.	4.0	63
15	Dynamic Zn-based metalâ€“organic framework: stepwise adsorption, hysteretic desorption and selective carbon dioxide uptake. Journal of Materials Chemistry A, 2013, 1, 6535.	10.3	58
16	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
17	Three new solvent-directed 3D lead(ii)â€“MOFs displaying the unique properties of luminescence and selective CO2 sorption. Dalton Transactions, 2013, 42, 13590.	3.3	57
18	A Rare L1D + R1D â†’ 3D Luminescent Dense Polymer as Multifunctional Sensor to Nitro Aromatic Compounds, Cu²⁺, and Bases. Crystal Growth and Design, 2014, 14, 2954-2961.	3.0	56

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19	Series of Water-Stable Lanthanide Metalâ€“Organic Frameworks Based on Carboxylic Acid Imidazolium Chloride: Tunable Luminescent Emission and Sensing. Inorganic Chemistry, 2019, 58, 13969-13978.	4.0	55
20	Facile Incorporation of Au Nanoparticles into an Unusual Twofold Entangled Zn(II)-MOF with Nanocages for Highly Efficient CO₂ Fixation under Mild Conditions. ACS Applied Materials & Interfaces, 2019, 11, 47437-47445.	8.0	55
21	New Doubly Interpenetrated MOF with [Zn₄O] Clusters and Its Doped Isomorphic MOF: Sensing, Dye, and Gas Adsorption Capacity. Crystal Growth and Design, 2019, 19, 6774-6783.	3.0	52
22	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. Chemical Communications, 2020, 56, 8758-8761.	4.1	52
23	Two comparable Ba-MOFs with similar linkers for enhanced CO2 capture and separation by introducing N-rich groups. Rare Metals, 2021, 40, 499-504.	7.1	52
24	High CO₂ Uptake Capacity and Selectivity in a Fascinating Nanotube-Based Metalâ€“Organic Framework. Inorganic Chemistry, 2017, 56, 908-913.	4.0	51
25	Two Isostructural Metalâ€“Organic Frameworks Directed by the Different Center Metal Ions, Exhibiting the Ferrimagnetic Behavior and Slow Magnetic Relaxation. Inorganic Chemistry, 2016, 55, 6592-6596.	4.0	45
26	Recent advances of functional heterometallic-organic framework (HMOF) materials: Design strategies and applications. Coordination Chemistry Reviews, 2022, 463, 214521.	18.8	45
27	N-Heterocyclic carbenes and their precursors in functionalised porous materials. Chemical Society Reviews, 2021, 50, 13559-13586.	38.1	42
28	New multifunctional 3D porous metalâ€“organic framework with selective gas adsorption, efficient chemical fixation of CO₂ and dye adsorption. Dalton Transactions, 2019, 48, 7612-7618.	3.3	41
29	Structural Modulation from 1D Chain to 3D Framework: Improved Thermostability, Insensitivity, and Energies of Two Nitrogen-Rich Energetic Coordination Polymers. Inorganic Chemistry, 2016, 55, 11064-11071.	4.0	39
30	New Luminescent Three-Dimensional Zn(II)/Cd(II)-Based Metalâ€“Organic Frameworks Showing High H₂ Uptake and CO₂ Selectivity Capacity. Crystal Growth and Design, 2017, 17, 2059-2065.	3.0	39
31	Four new lanthanideâ€“organic frameworks: selective luminescent sensing and magnetic properties. Dalton Transactions, 2016, 45, 12800-12806.	3.3	38
32	Luminescence modulation, near white light emission, selective luminescence sensing, and anticounterfeiting <i>via</i> a series of Ln-MOFs with a Ï€-conjugated and uncoordinated lewis basic triazolyl ligand. Inorganic Chemistry Frontiers, 2021, 8, 329-338.	6.0	35
33	Two isostructural amine-functionalized 3D self-penetrating microporous MOFs exhibiting high sorption selectivity for CO2. CrystEngComm, 2013, 15, 2057.	2.6	32
34	Microporous Cd(II) Metalâ€“Organic Framework for CO₂ Catalysis, Luminescent Sensing, and Absorption of Methyl Green. Crystal Growth and Design, 2021, 21, 2734-2743.	3.0	29
35	A novel copper-based metal-organic framework as a peroxidase-mimicking enzyme and its glucose chemiluminescence sensing application. Analytical and Bioanalytical Chemistry, 2021, 413, 4407-4416.	3.7	29
36	Low-Pressure Selectivity, Stepwise Gas Sorption Behaviors, and Luminescent Properties (Experimental) Tj ETQq0 0 0 rgBT /Overlock 10 T Growth and Design, 2017, 17, 3965-3973.	3.0	29

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37	Design and preparation of new luminescent metalâ€“organic frameworks and different doped isomers: sensing pollution ions and enhancement of gas capture capacity. Inorganic Chemistry Frontiers, 2021, 8, 286-295.	6.0	25
38	Metalâ€“Organic Frameworks as Heterogeneous Electrocatalysts for Water Splitting and CO₂ Fixation. Crystal Growth and Design, 2021, 21, 3123-3142.	3.0	24
39	Lanthanideâ€“Organic Frameworks with Uncoordinated Lewis Base Sites: Tunable Luminescence, Antibiotic Detection, and Anticounterfeiting. Inorganic Chemistry, 2022, 61, 6101-6109.	4.0	23
40	Fine-Tuning the Porosities of the Entangled Isostructural Zn(II)-Based Metalâ€“Organic Frameworks with Active Sites by Introducing Different N-Auxiliary Ligands: Selective Gas Sorption and Efficient CO₂ Conversion. Inorganic Chemistry, 2020, 59, 2450-2457.	4.0	20
41	Rational Stepwise Construction of Different Heterometallicâ€“Organic Frameworks (HMOFs) for Highly Efficient CO₂ Conversion. Chemistry - A European Journal, 2020, 26, 5400-5406.	3.3	18
42	A new porous Co(<scp>ii</scp>)-metalâ€“organic framework for high sorption selectivity and affinity to CO₂ and efficient catalytic oxidation of benzyl alcohols to benzaldehydes. CrystEngComm, 2021, 23, 3717-3723.	2.6	18
43	Design and synthesis of two energetic coordination polymers based on copper ion and 1H,1â€²H-[5,5â€²-bitetrazole]-1,1â€²-diol: A comparative study of the structure-property relationships. Journal of Solid State Chemistry, 2018, 268, 55-61.	2.9	16
44	Luminescence Sensing of Fe³⁺ and Nitrobenzene by Three Isostructural Lnâ€“MOFs Assembled by a Phenylâ€Dicarboxylate Ligand. ChemistrySelect, 2019, 4, 12794-12800.	1.5	15
45	Constructions of new luminescent 3D porous MOFs with high stability, unique selectivity and low detection limits for various ions in aqueous solution. Journal of Solid State Chemistry, 2020, 285, 121270.	2.9	15
46	Luminescence tuning and sensing properties of stable 2D lanthanide metalâ€“organic frameworks built with symmetrical flexible tricarboxylic acid ligands containing ether oxygen bonds. CrystEngComm, 2021, 23, 411-418.	2.6	13
47	The influence of coordination modes and active sites of a 5-(triazol-1-yl) nicotinic ligand on the assembly of diverse MOFs. Dalton Transactions, 2017, 46, 9784-9793.	3.3	11
48	Metal-organic framework as a mimetic enzyme with excellent adaptability for sensitive chemiluminescence detection of glutathione in cell lysate. Talanta, 2022, 238, 123041.	5.5	11
49	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 magneticÂmaterials. Journal of Coordination Chemistry, 2018, 71, 2702-2713.	2.2	10
50	Four new water-stable metal-organic frameworks based on diverse metal clusters: Syntheses, structures, and luminescent sensing properties. Journal of Solid State Chemistry, 2019, 269, 386-395.	2.9	10
51	Synthesis of two new Cd(II)-MOFs based on different secondary building units with highly selective gas sorption for CO2/CH4 and luminescent sensor for Fe3+ and Cr2O72âˆ’ ions. Journal of Solid State Chemistry, 2020, 285, 121258.	2.9	10
52	Four new metal-organic frameworks based on diverse metal clusters: Syntheses, structures, luminescent sensing and dye adsorption properties. Journal of Solid State Chemistry, 2020, 287, 121336.	2.9	10
53	Highly Efficient I₂ Sorption, CO₂ Capture, and Catalytic Conversion by Introducing Nitrogen Donor Sites in a Microporous Co(II)-Based Metalâ€“Organic Framework. Inorganic Chemistry, 2022, 61, 7005-7016.	4.0	10
54	New porous Co(II)-based metal-organic framework including 1D ferromagnetic chains with highly selective gas adsorption and slow magnetic relaxation. Journal of Solid State Chemistry, 2019, 276, 226-231.	2.9	9

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55	Solvent-induced diversity of luminescent metalâ€“organic frameworks based on different secondary building units. RSC Advances, 2017, 7, 46125-46131.	3.6	8
56	A multi-functional two-dimensional Zn(<scp>ii</scp>)-organic framework for selective carbon dioxide adsorption, sensing of nitrobenzene and Cr₂O₇^{2âˆ’}. CrystEngComm, 2021, 23, 7643-7649.	2.6	7
57	Ultra-high adsorption selectivity and affinity for CO2 over CH4, and luminescent properties of three new solvents induced Zn(II)-based metal-organic frameworks (MOFs). Journal of Solid State Chemistry, 2021, 297, 122054.	2.9	7
58	Improved performance of the pyrimidine-modified porous In-MOF and an<i>in situ</i>prepared composite Ag@In-MOF material. Chemical Communications, 2022, 58, 7749-7752.	4.1	7
59	A new 3D luminescent Ba-organic framework with high open metal sites: CO₂ fixation, luminescence sensing, and dye sorption. CrystEngComm, 2021, 23, 663-670.	2.6	6
60	White light emission phosphor modulation, nitrobenzene sensing property and barcode anti-counterfeiting via lanthanides post-functionalized metal-organic frameworks. Journal of Solid State Chemistry, 2022, 307, 122854.	2.9	6
61	Highly Enhanced Congo Red Sorption of New Functionalized Porous Eu(III)â€“Organic Framework by the Insertion of Sulfonate Groups. Crystal Growth and Design, 0, , .	3.0	6
62	Different Benzendicarboxylate-Directed Structural Variations and Properties of Four New Porous Cd(II)-Pyridyl-Triazole Coordination Polymers. Frontiers in Chemistry, 2020, 8, 616468.	3.6	5
63	The Quantitative Evaluations of the Luminescent Sensing Ability to Cu²⁺ Based on Two Homologous Crystalline Coordination Polymers. ChemistrySelect, 2016, 1, 3946-3953.	1.5	3
64	N-doped carbon material encapsulated cobalt nanoparticles for bifunctional electrocatalysts derived from a porous Co(II)-based metal-organic frameworks (MOFs). Journal of Solid State Chemistry, 2022, 309, 122989.	2.9	3
65	Two novel luminescent metal-organic frameworks based on the thioether bond modification: The selective sensing and effective CO2 fixation. Journal of Solid State Chemistry, 2022, 307, 122813.	2.9	2
66	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?. Crystal Growth and Design, 2022, 22, 2628-2636.	3.0	2
67	Uncommon thioether-modified metalâ€“organic frameworks with unique selective CO₂sorption and efficient catalytic conversion. CrystEngComm, 2021, 23, 1447-1454.	2.6	1