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A luminescent metal-organic framework with Lewis basic pyridyl sites for the sensing of metal ions

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#	Paper	IF	Citations
1012	Unusual Interlocking and Interpenetration Lead to Highly Porous and Robust Metal-Organic Frameworks. <b>2009</b> , 121, 3691-3694		17
1011	A Miniaturized Linear pH Sensor Based on a Highly Photoluminescent Self-Assembled Europium(III) Metal-Organic Framework. <b>2009</b> , 121, 6598-6601		35
1010	Freeze Drying Significantly Increases Permanent Porosity and Hydrogen Uptake in 4,4-Connected Metal-Organic Frameworks. <b>2009</b> , 121, 10089-10092		34
1009	Unusual interlocking and interpenetration lead to highly porous and robust metal-organic frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3637-40	16.4	108
1008	A miniaturized linear pH sensor based on a highly photoluminescent self-assembled europium(III) metal-organic framework. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 6476-9	16.4	293
1007	Freeze drying significantly increases permanent porosity and hydrogen uptake in 4,4-connected metal-organic frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9905-8	16.4	192
1006	Variable Lithium Coordination Modes in Two- and Three-Dimensional Lithium Boron Imidazolate Frameworks. <b>2009</b> , 21, 3830-3837		50
1005	Reversible Two-Dimensional-Three Dimensional Framework Transformation within a Prototype Metal-Organic Framework. <b>2009</b> , 9, 5293-5296		91
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1003	Polymorphism and inclusion properties of three-dimensional metal-organometallic frameworks derived from a terephthalate sandwich compound. <b>2009</b> , 48, 6860-72		23
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1000	A direct white-light-emitting metal-organic framework with tunable yellow-to-white photoluminescence by variation of excitation light. <b>2009</b> , 131, 13572-3		423
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829	New Heterometallic Hybrid Polymers Constructed with Aromatic Sulfonate-Carboxylate Ligands: Synthesis, Layered Structures, and Properties. <b>2012</b> , 12, 2613-2624	38
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735	Flexible lanthanide MOFs as highly selective and reusable liquid MeOH sorbents. <b>2013</b> , 1, 5061	39
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721	Metal-Organic Frameworks: Semiconducting Frameworks. <b>2014</b> , 1-13		1
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719	Metal-Organic Frameworks: Metal-Uptake. <b>2014</b> , 1-19		
718	Adsorption by Metal-Organic Frameworks. <b>2014</b> , 565-610		13
717	Design and sensing applications of metal-organic framework composites. <b>2014</b> , 58, 71-78		225
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82	Four new CuS cluster-based coordination compounds: synthesis, crystal structures and fluorescence properties. <b>2021</b> , 50, 4567-4576	3
81	Luminescent metal-organic frameworks as chemical sensors based on "mechanism-response": a review. <b>2021</b> , 50, 3429-3449	22
80	Morphology-dependent fluorescence of europium-doped cerium oxide nanomaterials. <b>2021</b> , 3, 3563-3572	2
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76	Three Silver(I) Coordination Polymers Based on Pyridyl Ligands and Auxiliary Carboxylic Ligands: Luminescence and Efficient Sensing Properties. <b>2021</b> , 60, 5463-5473	7
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72	A free nitrogen-containing Sm-MOF for selective detection and facile removal of mercury(II). <b>2021</b> , 618, 126484	1
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69	Ruthenium complex of bis(benzimidazole-yl-ethyl)sulfide as chemo-sensor for selective recognition of chloride ion, and its application in real bacterial samples. <b>2021</b> , 522, 120354	3
68	Self-Assembly of 1D Double-Chain and 3D Diamondoid Networks of Lanthanide Coordination Polymers through In Situ-Generated Ligands: High-Pressure CO Adsorption and Photoluminescence Properties. <b>2021</b> , 26,	1
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61	Advances and challenges in metal ion separation from water. <b>2021</b> , 3, 819-831	2
60	A multi-responsive luminescent indicator based on a Zn(II) metal-organic framework with "turn on" sensing of pyridine and "turn off" sensing of Fe <sup>3+</sup> , Cr <sup>2O7</sup> and antibiotics in aqueous media. <b>2021</b> , 526, 120513	3

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