

Cation exchange at the secondary building units of met

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Direct photo-hydroxylation of the Zr-based framework UiO-66. <i>Chemical Communications</i> , 2014, 50, 15453-15456.	2.2	19
3	Ordered Vacancies and Their Chemistry in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2014, 136, 14465-14471.	6.6	156
4	Core-Shell Catalysts of Metal Nanoparticle Core and Metal-Organic Framework Shell. <i>ACS Catalysis</i> , 2014, 4, 4409-4419.	5.5	318
5	Cation exchange at the secondary building units of metal-organic frameworks. <i>Chemical Society Reviews</i> , 2014, 43, 5456-5467.	18.7	462
6	Post-synthetic metalation of metal-organic frameworks. <i>Chemical Society Reviews</i> , 2014, 43, 5933-5951.	18.7	529
7	A 3-D diamondoid MOF catalyst based on in situ generated [Cu(L) ₂] N-heterocyclic carbene (NHC) linkers: hydroboration of CO ₂ . <i>Chemical Communications</i> , 2014, 50, 11760-11763.	2.2	70
8	Versatile Tailoring of Paddlewheel Zn ^{II} Metal-Organic Frameworks through Single-Crystal to Single-Crystal Transformations. <i>Chemistry - A European Journal</i> , 2015, 21, 16083-16090.	1.7	35
9	Combination of Optimization and Metalated Ligand Exchange: An Effective Approach to Functionalize UiO-66(Zr) MOFs for CO ₂ Separation. <i>Chemistry - A European Journal</i> , 2015, 21, 17246-17255.	1.7	82
10	Significant Gas Adsorption and Catalytic Performance by a Robust Cu ^{II} -MOF Derived through Single-Crystal to Single-Crystal Transmetalation of a Thermally Less Stable Zn ^{II} -MOF. <i>Chemistry - A European Journal</i> , 2015, 21, 19064-19070.	1.7	68
11	Ligand Symmetry Modulation for Designing a Mesoporous Metal-Organic Framework: Dual Reactivity to Transition and Lanthanide Metals for Enhanced Functionalization. <i>Chemistry - A European Journal</i> , 2015, 21, 9713-9719.	1.7	59
14	Single-Crystal to Single-Crystal Linker Substitution, Linker Place Exchange, and Transmetalation Reactions in Interpenetrated Pillared-Bilayer Zinc(II) Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2015, 21, 17422-17429.	1.7	32
15	Photoluminescence Modulation in Lanthanide(III)/Pyrazine-2,5-dicarboxylate/Nitrato Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4318-4328.	1.0	18
16	Three Cadmium(II) Coordination Polymers based on Mixed 1,2-Naphthalenedicarboxylate and Bis(pyridyl) Co-ligands: Structural Diversities and Photoluminescent Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 876-882.	0.6	1
17	A luminescent cadmium(II) metal-organic framework based on a triazolate-carboxylate ligand exhibiting selective gas adsorption and guest-dependent photoluminescence properties. <i>CrystEngComm</i> , 2015, 17, 4787-4792.	1.3	30
18	Electrosynthesis of Metal-Organic Frameworks: Challenges and Opportunities. <i>ChemElectroChem</i> , 2015, 2, 462-474.	1.7	199
19	Modulating structural dimensionality of cadmium(II) coordination polymers by means of pyrazole, tetrazole and pyrimidine derivative ligands. <i>Journal of Molecular Structure</i> , 2015, 1089, 135-145.	1.8	9
20	Size-exclusive and coordination-induced selective dye adsorption in a nanotubular metal-organic framework. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12804-12809.	5.2	118
21	Synthesis and characterization of MHA-g-poly(HEMA)PO ₄ ·2H ₂ O cation exchanger-effective removal of methylene blue from waste water. <i>RSC Advances</i> , 2015, 5, 39771-39784.	1.7	7

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23	Constructing Crystalline Heterometallic Indium-Organic Frameworks by the Bifunctional Method. <i>Crystal Growth and Design</i> , 2015, 15, 1440-1445.	1.4	50
24	Metal-Ion Exchange, Small-Molecule Sensing, Selective Dye Adsorption, and Reversible Iodine Uptake of Three Coordination Polymers Constructed by a New Resorcin[4]arene-Based Tetracarboxylate. <i>Inorganic Chemistry</i> , 2015, 54, 1744-1755.	1.9	104
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29	Manganese- and Cobalt-Based Coordination Networks as Promising Heterogeneous Catalysts for Olefin Epoxidation Reactions. <i>Inorganic Chemistry</i> , 2015, 54, 2603-2615.	1.9	33
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33	Three-Dimensional Heterometallic Coordination Networks: Syntheses, Crystal Structures, Topologies, and Heterogeneous Catalysis. <i>Crystal Growth and Design</i> , 2015, 15, 4110-4122.	1.4	23
34	Two Series of Isostructural Coordination Polymers with Isomeric Benzenedicarboxylates and Different Azine Based N,N-Donor Ligands: Syntheses, Characterization and Magnetic Properties. <i>Crystal Growth and Design</i> , 2015, 15, 4427-4437.	1.4	36
35	Light-induced nitric oxide release from physiologically stable porous coordination polymers. <i>Dalton Transactions</i> , 2015, 44, 15324-15333.	1.6	30
36	Thermodynamic parameters of cation exchange in MOF-5 and MFU-4l. <i>Chemical Communications</i> , 2015, 51, 11780-11782.	2.2	30
37	Brønsted Acidity in Metal-Organic Frameworks. <i>Chemical Reviews</i> , 2015, 115, 6966-6997.	23.0	477
38	When the Solvent Locks the Cage: Theoretical Insight into the Transmetalation of MOF-5 Lattices and Its Kinetic Limitations. <i>Chemistry of Materials</i> , 2015, 27, 3422-3429.	3.2	23
39	Postsynthetic Improvement of the Physical Properties in a Metal-Organic Framework through a Single Crystal to Single Crystal Transmetalation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6521-6525.	7.2	98

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41	Postsynthetic Metal and Ligand Exchange in MFUs: A Screening Approach toward Functional Metal-Organic Frameworks Comprising Single-Site Active Centers. <i>Chemistry - A European Journal</i> , 2015, 21, 8188-8199.	1.7	70
42	Photoinduced Postsynthetic Polymerization of a Metal-Organic Framework toward a Flexible Stand-Alone Membrane. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4259-4263.	7.2	235
44	New 3-D coordination polymers based on semi-rigid V-shape tetracarboxylates. <i>Journal of Solid State Chemistry</i> , 2015, 226, 206-214.	1.4	4
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47	A family of coordination polymers assembled with a flexible hexacarboxylate ligand and auxiliary N-donor ligands: syntheses, structures, and physical properties. <i>CrystEngComm</i> , 2015, 17, 3181-3196.	1.3	22
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56	Facile Conversion of Hydroxy Double Salts to Metal-Organic Frameworks Using Metal Oxide Particles and Atomic Layer Deposition Thin-Film Templates. <i>Journal of the American Chemical Society</i> , 2015, 137, 13756-13759.	6.6	174
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60	The preparation of an ultrastable mesoporous Cr(III)-MOF via reductive labilization. <i>Chemical Science</i> , 2015, 6, 7044-7048.	3.7	56
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100	Intercalation of Coordinatively Unsaturated Fe ^{III} Ion within Interpenetrated Metal-Organic Framework MOF-5. <i>Chemistry - A European Journal</i> , 2016, 22, 7711-7715.	1.7	15
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110	Synthetic Access to Atomically Dispersed Metals in Metal-Organic Frameworks via a Combined Atomic-Layer-Deposition-in-MOF and Metal-Exchange Approach. <i>Chemistry of Materials</i> , 2016, 28, 1213-1219.	3.2	85
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