

Flexible metal-organic frameworks

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Transformation from non- to double-interpenetration in robust Cd(II) doubly-pillared-layered metal-organic frameworks. <i>Chemical Communications</i> , 2014, 50, 14543-14546.	2.2	29
3	Dynamic Metal-Organic Framework with Anion-Triggered Luminescence Modulation Behavior. <i>Inorganic Chemistry</i> , 2014, 53, 12225-12227.	1.9	37
4	Reversible reconstructive transition of the $[\text{CuZn}(\text{CN})_4]^\ominus$ framework host induced by guest exchange. <i>CrystEngComm</i> , 2014, 16, 10173-10176.	1.3	5
5	Photocatalytic Metal-Organic Framework from CdS Quantum Dot Incubated Luminescent Metallohydrogel. <i>Journal of the American Chemical Society</i> , 2014, 136, 14845-14851.	6.6	287
6	A 3-D diamondoid MOF catalyst based on in situ generated $[\text{Cu}(\text{L})_2]$ N-heterocyclic carbene (NHC) linkers: hydroboration of CO_2 . <i>Chemical Communications</i> , 2014, 50, 11760-11763.	2.2	70
7	Rapid room temperature syntheses of zeolitic-imidazolate framework (ZIF) nanocrystals. <i>Chemical Communications</i> , 2014, 50, 13258-13260.	2.2	81
8	Structural diversity and luminescent properties of cyanoacetato zinc/cadmium coordination polymers with N,N'-ditopic auxiliary ligands. <i>Polyhedron</i> , 2015, 102, 693-698.	1.0	4
9	Coordination Polymer Flexibility Leads to Polymorphism and Enables a Crystalline Solid-Vapour Reaction: A Multi-technique Mechanistic Study. <i>Chemistry - A European Journal</i> , 2015, 21, 8799-8811.	1.7	25
10	Structural, energetic and dynamic insights into the abnormal xylene separation behavior of hierarchical porous crystal. <i>Scientific Reports</i> , 2015, 5, 11537.	1.6	29
11	Unveiling the Mechanism of Water-Triggered Diplex Transformation and Correlating the Changes in Structures and Separation Properties. <i>Advanced Functional Materials</i> , 2015, 25, 6448-6457.	7.8	41
12	Flexible Metal-Organic Frameworks: Recent Advances and Potential Applications. <i>Advanced Materials</i> , 2015, 27, 5432-5441.	11.1	470
14	Influence of Solvent-Like Sidechains on the Adsorption of Light Hydrocarbons in Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2015, 21, 18764-18769.	1.7	32
15	A New Structural Family of Gas-Sorbing Coordination Polymers Derived from Phenolic Carboxylic Acids. <i>Chemistry - A European Journal</i> , 2015, 21, 18057-18061.	1.7	21
16	Porphyrin Boxes: Rationally Designed Porous Organic Cages. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13241-13244.	7.2	161
17	Metal-Organic Frameworks Incorporating Various Alkoxy Pendant Groups: Hollow Tubular Morphologies, X-ray Single-Crystal Structures, and Selective Carbon Dioxide Adsorption Properties. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2257-2263.	1.7	6
18	Probing Solid-State Breathing and Structural Transformations in a Series of Silver(I) Porous Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3723-3729.	1.0	10
19	Predicting multicomponent adsorption: 50 years of the ideal adsorbed solution theory. <i>AIChE Journal</i> , 2015, 61, 2757-2762.	1.8	317
20	Structure and mechanical features of one-dimensional coordination polymer catena- $\{[\frac{1}{4}\text{-adipato-O,O}(\text{E})\text{-bis}(\text{pyridine-4-aldoxime})\text{-copper}(\text{II})]\}$. <i>CrystEngComm</i> , 2015, 17, 2450-2458.	1.3	6

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21	Porous materials based on metal–nucleobase systems sustained by coordination bonds and base pairing interactions. <i>CrystEngComm</i> , 2015, 17, 3051-3059.	1.3	43
22	Isorecticular isomerism in 4,4-connected paddle-wheel metal–organic frameworks: structural prediction by the reverse topological approach. <i>CrystEngComm</i> , 2015, 17, 344-352.	1.3	30
23	Adsorbents for CO ₂ Capture. <i>Springer Briefs in Molecular Science</i> , 2015, , 25-41.	0.1	0
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27	Metal organic frameworks for photo-catalytic water splitting. <i>Energy and Environmental Science</i> , 2015, 8, 1923-1937.	15.6	277
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33	Flexible Porous Zinc–Pyrazole–Adenine Framework for Hysteretic Sorption of Light Hydrocarbons. <i>Crystal Growth and Design</i> , 2015, 15, 1210-1213.	1.4	22
34	Coordination polymers based on copper carboxylates and angular 2,5-bis(imidazol-1-yl)thiophene (thim ₂) ligand: sequential structural transformations. <i>CrystEngComm</i> , 2015, 17, 2153-2161.	1.3	11
35	Understanding DABCO Nanorotor Dynamics in Isostructural Metal–Organic Frameworks. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 812-816.	2.1	37
36	Interaction of the Trinuclear Triangular Secondary Building Unit [Cu ₃ (1/4 ₃ -OH)(1/4-pz) ₃] ²⁺ with 4,4'-Bipyridine. Structural Characterizations of New Coordination Polymers and Hexanuclear Cu ₆ Clusters. <i>2Å° Cryst. Growth and Design</i> , 2015, 15, 1259-1272.	1.4	20
37	A two-dimensional flexible porous coordination polymer based on Co(II) and terpyridyl phosphine oxide. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 388-394.	3.0	9
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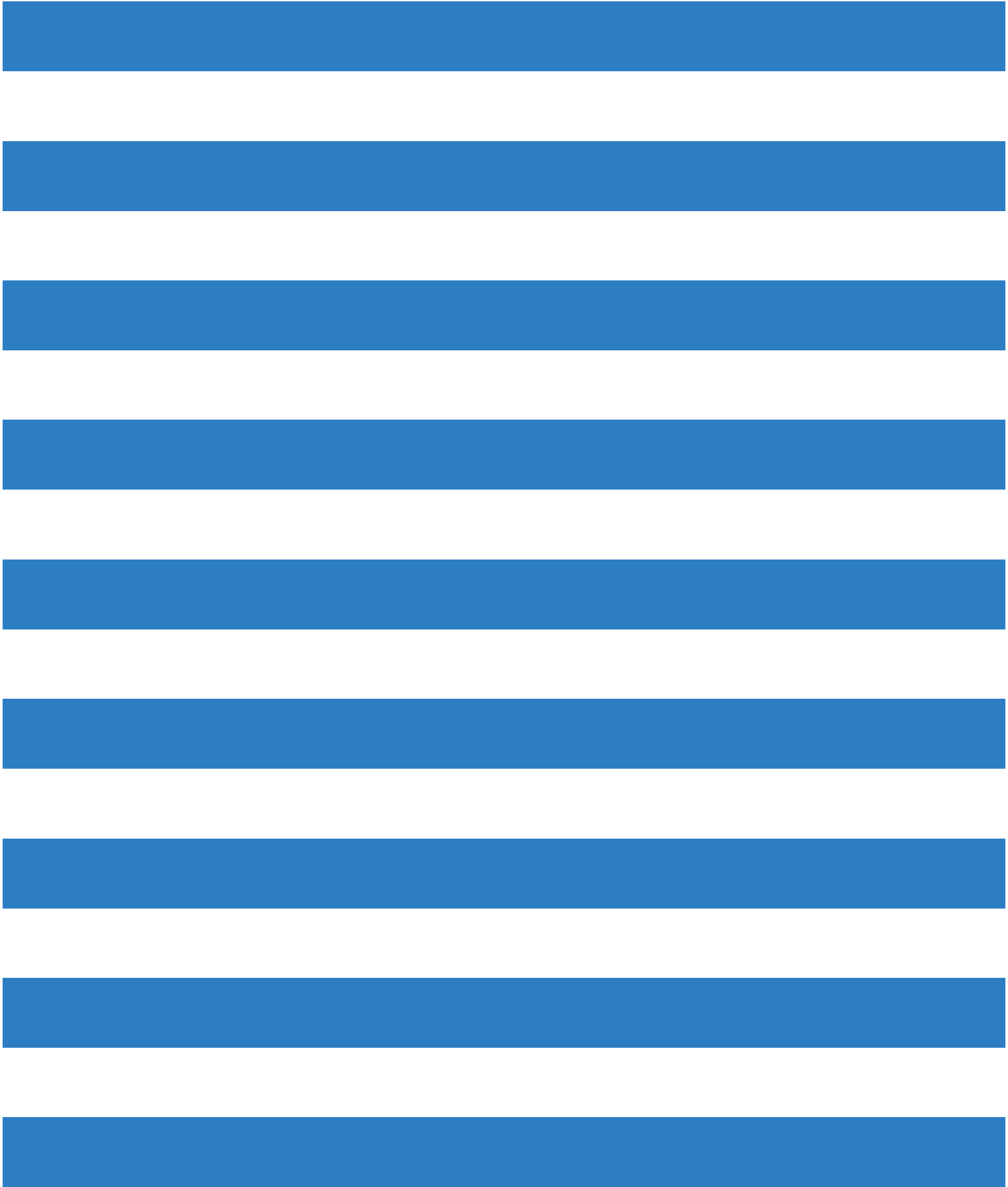
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