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Metal-organic frameworks with functional pores for recognition of small molecules

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1860	Urothermal Synthesis of Crystalline Porous Materials. 2010 , 122, 9060-9063		19
1859	Urothermal synthesis of crystalline porous materials. 2010 , 49, 8876-9		172
1858	Metal insertion in a microporous metal-organic framework lined with 2,2'-bipyridine. 2010 , 132, 14382-4		463
1857	Selective CO ₂ and H ₂ adsorption in a chiral magnesium-based metal organic framework (Mg-MOF) with open metal sites. 2010 , 20, 9073		131
1856	A rod packing microporous metal-organic framework with open metal sites for selective guest sorption and sensing of nitrobenzene. 2010 , 46, 7205-7		226
1855	A robust highly interpenetrated metal-organic framework constructed from pentanuclear clusters for selective sorption of gas molecules. <i>Inorganic Chemistry</i> , 2010 , 49, 8444-8	5.1	93
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1852	Coordination networks from Cu cations and tetrakis(methylthio)benzenedicarboxylic acid: tunable bonding patterns and selective sensing for NH ₃ gas. <i>Inorganic Chemistry</i> , 2010 , 49, 10191-8	5.1	17
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1682	An unprecedented 3D/3D hetero-interpenetrated MOF built from two different nodes, chemical composition, and topology of networks. 2012 , 14, 5720	39

1681	Auxiliary ligand-directed synthesis of cadmium(II) and zinc(II) complexes from 1-D chains to 3-D architectures with 5-nitroisophthalate. 2012 , 14, 1337-1344		39
1680	Controllable synthesis of microporous, nanotubular and mesocage-like metal-organic frameworks by adjusting the reactant ratio and modulated luminescence properties of Alq3@MOF composites. 2012 , 22, 17947		37
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1668	Lipid-Coated Nanoscale Coordination Polymers for Targeted Delivery of Antifolates to Cancer Cells. 2012 , 3,		136
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1663	Dense coordination network capable of selective CO ₂ capture from C ₁ and C ₂ hydrocarbons. 2012 , 134, 9852-5			76
1662	Two Unusual Chiral Lanthanide Sulfate Frameworks with Helical Tubes and Channels Constructed from Interweaving Two Double-Helical Chains. 2012 , 12, 2567-2571			26
1661	Construction of Three-Dimensional Cobalt(II)-Based Metal-Organic Frameworks by Synergy between Rigid and Semirigid Ligands. 2012 , 12, 5529-5534			33
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1652	Photoactive chiral metal-organic frameworks for light-driven asymmetric α-alkylation of aldehydes. 2012 , 134, 14991-9			373
1651	Adsorption Behavior of Metal-Organic Frameworks for Thiophenic Sulfur from Diesel Oil. 2012 , 51, 12449-12455			54
1650	Single-walled polytetrazolate metal-organic channels with high density of open nitrogen-donor sites and gas uptake. 2012 , 134, 784-7			165
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1637	PAMAM dendrimer-induced aggregation of 5(6)-carboxyfluorescein. 2012 , 77, 1258-66		15
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1579	Porous magnesium carboxylate framework: synthesis, X-ray crystal structure, gas adsorption property and heterogeneous catalytic aldol condensation reaction. 2012 , 41, 7399-408		54
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1565	Synthesis of luminescent covalent-organic polymers for detecting nitroaromatic explosives and small organic molecules. 2012 , 33, 1184-90		192
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