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Observation of Cu2+-H2 interactions in a fully desolvated sodalite-type metal-organic framework

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#	Paper	IF	Citations
389	Hydrogen Adsorption in MOF-74 Studied by Inelastic Neutron Scattering. <b>2007</b> , 1041, 1		1
388	Adsorption properties of HKUST-1 toward hydrogen and other small molecules monitored by IR. <b>2007</b> , 9, 2676-85		321
387	Hydrogen storage in metal <b>ö</b> rganic frameworks. <b>2007</b> , 9, 438-448		265
386	Hydrogen adsorption in dehydrated variants of the cyano-bridged framework compounds A2Zn3[Fe(CN)6]2.xH2O (A = H, Li, Na, K, Rb). <i>Chemical Communications</i> , <b>2007</b> , 4486-8	5.8	49
385	Toward quartz and cristobalite: spontaneous resolution, structures, and characterization of chiral silica-mimetic silver(I)-organic materials. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 10044-6	5.1	29
384	High-enthalpy hydrogen adsorption in cation-exchanged variants of the microporous metal-organic framework Mn3[(Mn4Cl)3(BTT)8(CH3OH)10]2. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 111	72-64	433
383	Chemical reduction of metal-organic framework materials as a method to enhance gas uptake and binding. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 9604-5	16.4	566
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377	Chemistry of bridging phosphanes: Cul dimers bearing 2,5-bis(2-pyridyl)phosphole ligands. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 3391-403	4.8	64
376	Polymorphic coordination networks responsive to CO2, moisture, and thermal stimuli: porous cobalt(II) and zinc(II) fluoropyrimidinolates. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9890-901	4.8	82
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371	Amorphous Infinite Coordination Polymer Microparticles: A New Class of Selective Hydrogen Storage Materials. <b>2008</b> , 20, 2105-2110		128
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368	Enthalpy⊞ntropy correlation for hydrogen adsorption on zeolites. <b>2008</b> , 456, 68-70		78
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	Hydrogen, methane and carbon dioxide adsorption in metal-organic framework materials. <b>2010</b> ,	4.3	
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117	Metal cluster-based functional porous coordination polymers. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 293-294, 263-278	23.2	215
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115	Metal-organic frameworks catalyzed C-C and C-heteroatom coupling reactions. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 1922-47	58.5	299
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112	A stable luminescent anionic porous metal organic framework for moderate adsorption of CO2 and selective detection of nitro explosives. <b>2015</b> , 3, 7224-7228		74
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101	Synthesis and O2 Reactivity of a Titanium(III) Metal-Organic Framework. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10096-104	5.1	65
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99	Poly-functional porous-organic polymers to access functionality ICO2 sorption energetic relationships. <b>2015</b> , 3, 22584-22590		48
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96	Zeolite-like metal-organic frameworks (ZMOFs): design, synthesis, and properties. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 228-49	58.5	573
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