

Semiconductor Behavior of a Metal-Organic Framework

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Isorecticular MOFs as Efficient Photocatalysts with Tunable Band Gap: An Operando FTIR Study of the Photoinduced Oxidation of Propylene. <i>ChemSusChem</i> , 2008, 1, 981-983.	3.6	246
2	Functionalized Coordination Space in Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8164-8168.	7.2	89
4	Design, synthesis and characterization of a Pt-Gd metal-organic framework containing potentially catalytically active sites. <i>Dalton Transactions</i> , 2008, , 2054.	1.6	75
5	Ruthenium Nanoparticles inside Porous [Zn ₄ O(bdc) ₃] by Hydrogenolysis of Adsorbed [Ru(cod)(cot)]: A Solid-State Reference System for Surfactant-Stabilized Ruthenium Colloids. <i>Journal of the American Chemical Society</i> , 2008, 130, 6119-6130.	6.6	348
6	Photoinduced Charge-Transfer Processes on MOF-5 Nanoparticles: Elucidating Differences between Metal-Organic Frameworks and Semiconductor Metal Oxides. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14090-14101.	1.5	226
7	Porous Metal-Organic Framework Based on 1/4-oxo Tetrazinc Clusters: Sorption and Guest-Dependent Luminescent Properties. <i>Inorganic Chemistry</i> , 2008, 47, 1346-1351.	1.9	185
8	Gold(III) metal organic framework bridges the gap between homogeneous and heterogeneous gold catalysts. <i>Journal of Catalysis</i> , 2009, 265, 155-160.	3.1	266
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17	Tunability of electronic band gaps from semiconducting to metallic states via tailoring Zn ions in MOFs with Co ions. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 628-631.	1.3	80
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107	Studies on Photocatalytic CO ₂ Reduction over NH ₂ -Uio-66(Zr) and Its Derivatives: Towards a Better Understanding of Photocatalysis on Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2013, 19, 14279-14285.	1.7	553
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113	Electronic Chemical Potentials of Porous Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2014, 136, 2703-2706.	6.6	262

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116	Quantum chemistry investigation of rigid A-IRMOF-MO series (A=zinc, cadmium, and alkaline-earth) properties. <i>Microporous and Mesoporous Materials</i> , 2014, 183, 218-233.	2.2	18
117	Hierarchical mesoporous γ -Fe ₂ O ₃ /carbon nanocomposites derived from metal organic frameworks as a cathode electrocatalyst for rechargeable Li-O ₂ batteries. <i>Electrochimica Acta</i> , 2014, 134, 293-301.	2.6	91
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