

Brad G Hauser

List of Publications by Year in descending order

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15
papers

7,299
citations

566801

15
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

9521
citing authors

#	ARTICLE	IF	CITATIONS
1	Imparting functionality to a metal-organic framework material by controlled nanoparticle encapsulation. <i>Nature Chemistry</i> , 2012, 4, 310-316.	6.6	1,857
2	De novo synthesis of a metal-organic framework material featuring ultrahigh surface area and gas storage capacities. <i>Nature Chemistry</i> , 2010, 2, 944-948.	6.6	1,535
3	Metal-Organic Framework Materials with Ultrahigh Surface Areas: Is the Sky the Limit?. <i>Journal of the American Chemical Society</i> , 2012, 134, 15016-15021.	6.6	1,497
4	Large-scale screening of hypothetical metal-organic frameworks. <i>Nature Chemistry</i> , 2012, 4, 83-89.	6.6	1,098
5	Synthesis, Properties, and Gas Separation Studies of a Robust Diimide-Based Microporous Organic Polymer. <i>Chemistry of Materials</i> , 2009, 21, 3033-3035.	3.2	272
6	Designing Higher Surface Area Metal-Organic Frameworks: Are Triple Bonds Better Than Phenyls?. <i>Journal of the American Chemical Society</i> , 2012, 134, 9860-9863.	6.6	198
7	Chemical reduction of a diimide based porous polymer for selective uptake of carbon dioxide versus methane. <i>Chemical Communications</i> , 2010, 46, 1056.	2.2	144
8	Enhancement of CO ₂ /CH ₄ selectivity in metal-organic frameworks containing lithium cations. <i>Microporous and Mesoporous Materials</i> , 2011, 141, 231-235.	2.2	128
9	Additive-free hydrogelation of graphene oxide by ultrasonication. <i>Carbon</i> , 2012, 50, 3399-3406.	5.4	125
10	Cubic and rhombohedral heterobimetallic networks constructed from uranium, transition metals, and phosphonoacetate: new methods for constructing porous materials. <i>Chemical Communications</i> , 2010, 46, 9167.	2.2	108
11	High xenon/krypton selectivity in a metal-organic framework with small pores and strong adsorption sites. <i>Microporous and Mesoporous Materials</i> , 2013, 169, 176-179.	2.2	101
12	Synthesis and Metalation of Catechol-Functionalized Porous Organic Polymers. <i>Chemistry of Materials</i> , 2012, 24, 1292-1296.	3.2	99
13	From Layered Structures to Cubic Frameworks: Expanding the Structural Diversity of Uranyl Carboxyphosphonates via the Incorporation of Cobalt. <i>Crystal Growth and Design</i> , 2011, 11, 1385-1393.	1.4	53
14	Thermally Enhancing the Surface Areas of Yamamoto-Derived Porous Organic Polymers. <i>Chemistry of Materials</i> , 2013, 25, 12-16.	3.2	53
15	Two Large-Pore Metal-Organic Frameworks Derived from a Single Polytopic Strut. <i>Crystal Growth and Design</i> , 2012, 12, 1075-1080.	1.4	31