

# Brad G Hauser

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

6,183  
citations

15  
h-index

15  
g-index

15  
ext. papers

6,737  
ext. citations

10.1  
avg, IF

5.09  
L-index

#	Paper	IF	Citations
15	High xenon/krypton selectivity in a metal-organic framework with small pores and strong adsorption sites. <i>Microporous and Mesoporous Materials</i> , <b>2013</b> , 169, 176-179	5.3	80
14	Thermally Enhancing the Surface Areas of Yamamoto-Derived Porous Organic Polymers. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 12-16	9.6	49
13	Synthesis and Metalation of Catechol-Functionalized Porous Organic Polymers. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 1292-1296	9.6	89
12	Metal-organic framework materials with ultrahigh surface areas: is the sky the limit?. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 15016-21	16.4	1210
11	Designing higher surface area metal-organic frameworks: are triple bonds better than phenyls?. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 9860-3	16.4	170
10	Two Large-Pore Metal-Organic Frameworks Derived from a Single Polytopic Strut. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 1075-1080	3.5	31
9	Imparting functionality to a metal-organic framework material by controlled nanoparticle encapsulation. <i>Nature Chemistry</i> , <b>2012</b> , 4, 310-6	17.6	1549
8	Additive-free hydrogelation of graphene oxide by ultrasonication. <i>Carbon</i> , <b>2012</b> , 50, 3399-3406	10.4	115
7	Large-scale screening of hypothetical metal-organic frameworks. <i>Nature Chemistry</i> , <b>2011</b> , 4, 83-9	17.6	882
6	From Layered Structures to Cubic Frameworks: Expanding the Structural Diversity of Uranyl Carboxyphosphonates via the Incorporation of Cobalt. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 1385-1393	3.5	51
5	Enhancement of CO <sub>2</sub> /CH <sub>4</sub> selectivity in metal-organic frameworks containing lithium cations. <i>Microporous and Mesoporous Materials</i> , <b>2011</b> , 141, 231-235	5.3	117
4	De novo synthesis of a metal-organic framework material featuring ultrahigh surface area and gas storage capacities. <i>Nature Chemistry</i> , <b>2010</b> , 2, 944-8	17.6	1350
3	Chemical reduction of a diimide based porous polymer for selective uptake of carbon dioxide versus methane. <i>Chemical Communications</i> , <b>2010</b> , 46, 1056-8	5.8	134
2	Cubic and rhombohedral heterobimetallic networks constructed from uranium, transition metals, and phosphonoacetate: new methods for constructing porous materials. <i>Chemical Communications</i> , <b>2010</b> , 46, 9167-9	5.8	104
1	Synthesis, Properties, and Gas Separation Studies of a Robust Diimide-Based Microporous Organic Polymer. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 3033-3035	9.6	252