

Brad G Hauser

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

7,299
citations

567281

15
h-index

996975

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. | 13.6 | 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. | 13.6 | 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. | 13.7 | 1,497 |
| 4 | Large-scale screening of hypothetical metal-organic frameworks. <i>Nature Chemistry</i> , 2012, 4, 83-89. | 13.6 | 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. | 6.7 | 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. | 13.7 | 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. | 4.1 | 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. | 4.4 | 128 |
| 9 | Additive-free hydrogelation of graphene oxide by ultrasonication. <i>Carbon</i> , 2012, 50, 3399-3406. | 10.3 | 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. | 4.1 | 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. | 4.4 | 101 |
| 12 | Synthesis and Metalation of Catechol-Functionalized Porous Organic Polymers. <i>Chemistry of Materials</i> , 2012, 24, 1292-1296. | 6.7 | 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. | 3.0 | 53 |
| 14 | Thermally Enhancing the Surface Areas of Yamamoto-Derived Porous Organic Polymers. <i>Chemistry of Materials</i> , 2013, 25, 12-16. | 6.7 | 53 |
| 15 | Two Large-Pore Metal-Organic Frameworks Derived from a Single Polytopic Strut. <i>Crystal Growth and Design</i> , 2012, 12, 1075-1080. | 3.0 | 31 |