Bo Xiao

List of Publications by Year
in descending order

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18 papers	3,300 citations	471509 17 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	3847 citing authors

#	Article	IF	Citations
1	Ethyne-Reducing Metalâ€“Organic Frameworks to Control Fabrications of Core/shell Nanoparticles as Catalysts. ACS Catalysis, 2018, 8, 7120-7130.	11.2	28
2	Functionalised solids delivering bioactive nitric oxide gas for therapeutic applications. Materials Today Communications, 2017, 12, 95-105.	1.9	22
3	Encapsulation of phase change materials using rice-husk-char. Applied Energy, 2016, 182, 274-281.	10.1	49
4	Exceptional function of nanoporous metal organic framework particles in emulsion stabilisation. Chemical Communications, 2013, 49, 8208.	4.1	61
5	Protecting group and switchable pore-discriminating adsorption properties of a hydrophilicâ€“hydrophobic metalâ€“organic framework. Nature Chemistry, 2011, 3, 304-310.	13.6	141
6	Metal organic frameworks as NO delivery materials for biological applications. Microporous and Mesoporous Materials, 2010, 129, 330-334.	4.4	209
7	NO-loaded Zn2+-exchanged zeolite materials: A potential bifunctional anti-bacterial strategy. Acta Biomaterialia, 2010, 6, 1515-1521.	8.3	93
8	In Situ Single-Crystal Diffraction Studies of the Structural Transition of Metalâ^'Organic Framework Copper 5-Sulfoisophthalate, Cu-SIP-3. Journal of the American Chemical Society, 2010, 132, 3605-3611.	13.7	90
9	Simultaneous Gas Storage and Catalytic Gas Production Using Zeolitesâ€”A New Concept for Extending Lifetime Gas Delivery. Topics in Catalysis, 2009, 52, 35-41.	2.8	20
10	Chemically blockable transformation and ultraselective low-pressure gas adsorption in a non-porous metal organic framework. Nature Chemistry, 2009, 1, 289-294.	13.6	190
11	Nanoporous metal organic framework materials for hydrogen storage. Particuology, 2009, 7, 129-140.	3.6	51
12	From non-porous crystalline to amorphous microporous metal(IV) bisphosphonates. Microporous and Mesoporous Materials, 2008, 114, 322-336.	4.4	21
13	Exceptional Behavior over the Whole Adsorptionâ^'Storageâ^'Delivery Cycle for NO in Porous Metal Organic Frameworks. Journal of the American Chemical Society, 2008, 130, 10440-10444.	13.7	391
14	Simultaneous and cooperative gas storage and gas production using bifunctional zeolites. Chemical Communications, 2008, , 6146.	4.1	13
15	The adsorption, storage and release of nitric oxide using ion exchanged zeolites. Studies in Surface Science and Catalysis, 2007, 170, 902-909.	1.5	17
16	High-Capacity Hydrogen and Nitric Oxide Adsorption and Storage in a Metalâ^'Organic Framework. Journal of the American Chemical Society, 2007, 129, 1203-1209.	13.7	546
17	NO-Releasing Zeolites and Their Antithrombotic Properties. Journal of the American Chemical Society, 2006, 128, 502-509.	13.7	230
18	Hysteretic Adsorption and Desorption of Hydrogen by Nanoporous Metal-Organic Frameworks. Science, 2004, 306, 1012-1015.	12.6	1,128