Hai-Xia Zhang

List of Publications by Year
in descending order

38 papers	1,812 citations	361413 20 h-index	315739 38 g-index
40 all docs	40 docs citations	40 times ranked	2333 citing authors

#	Article	IF	Citations
1	Integrating the g-C₃N₄ Nanosheet with Bâ€“H Bonding Decorated Metalâ€“Organic Framework for CO₂ Activation and Photoreduction. ACS Nano, 2018, 12, 5333-5340.	14.6	263
2	Isolated Squareâ€Planar Copper Center in Boron Imidazolate Nanocages for Photocatalytic Reduction of CO₂ to CO. Angewandte Chemie - International Edition, 2019, 58, 11752-11756.	13.8	194
3	Cobalt Boron Imidazolate Framework Derived Cobalt Nanoparticles Encapsulated in B/N Codoped Nanocarbon as Efficient Bifunctional Electrocatalysts for Overall Water Splitting. Advanced Functional Materials, 2018, 28, 1801136.	14.9	155
4	Micronization of atorvastatin calcium by antisolvent precipitation process. International Journal of Pharmaceutics, 2009, 374, 106-113.	5.2	149
5	Interrupted Zeolite LTA and ATN-Type Boron Imidazolate Frameworks. Journal of the American Chemical Society, 2011, 133, 11884-11887.	13.7	134
6	Synthetic design of functional boron imidazolate frameworks. Coordination Chemistry Reviews, 2016, 307, 255-266.	18.8	108
7	Synthesis of a Boronâ€“Imidazolate Framework Nanosheet with Dimer Copper Units for CO₂ Electroreduction to Ethylene. Angewandte Chemie - International Edition, 2021, 60, 16687-16692.	13.8	99
8	Redox-active Cu(<scp>i</scp>) boron imidazolate framework for mechanochromic and catalytic applications. Chemical Communications, 2014, 50, 8754.	4.1	55
9	Homochiral porous metalâ€“organic frameworks containing only achiral building blocks for enantioselective separation. Journal of Materials Chemistry, 2012, 22, 16288.	6.7	50
10	Porous ctnâ€Type Boron Imidazolate Framework for Gas Storage and Separation. Chemistry - A European Journal, 2013, 19, 11527-11530.	3.3	50
11	Boosting electrocatalytic hydrogen evolution by plasmon-driven hot-electron excitation. Nanoscale, 2018, 10, 2236-2241.	5.6	50
12	Facile synthesis of bimetal Auâ€“Ag nanoparticles in a Cu(<scp>i</scp>) boron imidazolate framework with mechanochromic properties. Chemical Communications, 2015, 51, 1353-1355.	4.1	49
13	Zeolitic BIF Crystal Directly Producing Noble-Metal Nanoparticles in Its Pores for Catalysis. Scientific Reports, 2014, 4, 3923.	3.3	48
14	Synthesis of boron imidazolate frameworks with cobalt clusters for efficient visible-light driven CO₂ reduction. Journal of Materials Chemistry A, 2019, 7, 17272-17276.	10.3	40
15	Selectivity of CO₂via pore space partition in zeolitic boron imidazolate frameworks. Chemical Communications, 2016, 52, 3552-3555.	4.1	36
16	Isolated Squareâ€Planar Copper Center in Boron Imidazolate Nanocages for Photocatalytic Reduction of CO₂ to CO. Angewandte Chemie, 2019, 131, 11878-11882.	2.0	32
17	Mechanochromic Cu(<scp>i</scp>) boron imidazolate frameworks with low-dimensional structures and reducing function. Inorganic Chemistry Frontiers, 2016, 3, 263-267.	6.0	26
18	Supramolecular Borromean sheet consisting of threefold parallel interwoven 44-sql layers assembled by a flexible bipyridinium ligand. CrystEngComm, 2009, 11, 1502.	2.6	24

#	Article	IF	Citations
19	Self-Assembly of Metal Boron Imidazolate Cages. Crystal Growth and Design, 2015, 15, 2433-2436.	3.0	23
20	Hostâ€“Guest Pore Space Partition in a Boron Imidazolate Framework for Ethylene Separation. Chemistry of Materials, 2022, 34, 307-313.	6.7	23
21	A zeolite supramolecular framework with LTA topology based on a tetrahedral metalâ€“organic cage. Chemical Communications, 2019, 55, 1120-1123.	4.1	22
22	A Rational Strategy To Construct a Neutral Boron Imidazolate Framework with Encapsulated Small-Size Auâ€“Pd Nanoparticles for Catalysis. Inorganic Chemistry, 2015, 54, 6069-6071.	4.0	17
23	Assembly between various molecular-building-blocks for network diversity of zincâ€“1,3,5-benzenetricarboxylate frameworks. CrystEngComm, 2012, 14, 8684.	2.6	15
24	Targeted design of a cubic boron imidazolate cage with sensing and reducing functions. Dalton Transactions, 2015, 44, 9367-9369.	3.3	15
25	Co₉S₈ integrated into nitrogen/sulfur dual-doped carbon nanofibers as an efficient oxygen bifunctional electrocatalyst for Znâ€“air batteries. Sustainable Energy and Fuels, 2020, 4, 1093-1098.	4.9	15
26	Composite of CsPbBr₃ with Boron Imidazolate Frameworks as an Efficient Visible-Light Photocatalyst for CO₂ Reduction. ACS Applied Energy Materials, 2022, 5, 1175-1182.	5.1	15
27	An unprecedented 9-fold [3 Ã— 3] interpenetrated diamondoid network coordination polymer containing Cu(II)-based â€œpaddlewheelsâ€• as connecting node. CrystEngComm, 2009, 11, 1807.	2.6	14
28	Synthesis of Supramolecular Boron Imidazolate Frameworks for CO₂ Photoreduction. Inorganic Chemistry, 2020, 59, 17851-17855.	4.0	14
29	Chiral induction in boron imidazolate frameworks: the construction of cage-based absolute helices. Chemical Communications, 2021, 57, 5020-5023.	4.1	11
30	Facile Preparation of Monodisperse Pharmaceutical Colloidal Spheres of Atorvastatin Calcium via Selfâ€Assembly. Small, 2009, 5, 1846-1849.	10.0	10
31	Synthesis of a Boronâ€“Imidazolate Framework Nanosheet with Dimer Copper Units for CO 2 Electroreduction to Ethylene. Angewandte Chemie, 2021, 133, 16823-16828.	2.0	10
32	Synthesis of zeolitic tetrazolate-imidazolate frameworks (ZTIFs) in ethylene glycol. Inorganic Chemistry Frontiers, 2018, 5, 675-678.	6.0	9
33	Supramolecular assemblies based on Fe₈L₁₂cubic metalâ€“organic cages: synergistic adsorption and spin-crossover properties. Dalton Transactions, 2020, 49, 4220-4224.	3.3	9
34	A Cu(<scp>i</scp>) based boron imidazolate framework for visible light driven CO₂ reduction. Dalton Transactions, 2021, 50, 490-493.	3.3	7
35	Anchoring metal ions in amine-functionalized boron imidazolate framework for photocatalytic reduction of CO2. Chinese Chemical Letters, 2022, 33, 2915-2918.	9.0	6
36	Synthesis of chiral boron imidazolate frameworks with second-order nonlinear optics. Journal of Solid State Chemistry, 2022, 310, 123001.	2.9	6

#	Article	IF	Citations
37	Induction of Chirality in Boron Imidazolate Frameworks: The Structure-Directing Effects of Substituents. Inorganic Chemistry, 2022, 61, 6861-6868.	4.0	5
38	One unique neutral boron imidazolate framework with fluorescent property. Inorganic Chemistry Communication, 2018, 95, 130-133.	3.9	4