Qiaowei Li

List of Publications by Year
in descending order

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65	4,168	136885	110317
papers	citations	32 h-index	64 g-index

69	69	69	5534
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Docking in Metal-Organic Frameworks. Science, 2009, 325, 855-859.	6.0	360
2	Enhanced Activity of Enzymes Encapsulated in Hydrophilic Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 2348-2355.	6.6	351
3	Metalâ€“Organic Frameworks as Cathode Materials for Liâ€“O₂ Batteries. Advanced Materials, 2014, 26, 3258-3262.	11.1	278
4	Nanoporous Carbohydrate Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2012, 134, 406-417.	6.6	271
5	A Metalâ^'Organic Framework with Covalently Bound Organometallic Complexes. Journal of the American Chemical Society, 2010, 132, 9262-9264.	6.6	206
6	Reversible Redox Activity in Multicomponent Metalâ€“Organic Frameworks Constructed from Trinuclear Copper Pyrazolate Building Blocks. Journal of the American Chemical Society, 2017, 139, 7998-8007.	6.6	158
7	Ordered Vacancies and Their Chemistry in Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2014, 136, 14465-14471.	6.6	156
8	Anisotropic reticular chemistry. Nature Reviews Materials, 2020, 5, 764-779.	23.3	149
9	Control of Structure Topology and Spatial Distribution of Biomacromolecules in Protein@ZIF-8 Biocomposites. Chemistry of Materials, 2018, 30, 1069-1077.	3.2	146
10	Standard Practices of Reticular Chemistry. ACS Central Science, 2020, 6, 1255-1273.	5.3	142
11	Metalâ€“Organic Frameworks Incorporating Copperâ€Complexed Rotaxanes. Angewandte Chemie - International Edition, 2012, 51, 2160-2163.	7.2	105
12	A Catenated Strut in a Catenated Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2010, 49, 6751-6755.	7.2	103
13	Epitaxial Growth and Integration of Insulating Metalâ€“Organic Frameworks in Electrochemistry. Journal of the American Chemical Society, 2019, 141, 11322-11327.	6.6	98
14	A metalâ€“organic framework replete with ordered donorâ€“acceptor catenanes. Chemical Communications, 2010, 46, 380-382.	2.2	94
15	Rigidâ€Strutâ€Containing Crown Ethers and [2]Catenanes for Incorporation into Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2009, 15, 13356-13380.	1.7	88
16	Heterogeneity within a Mesoporous Metalâ€“Organic Framework with Three Distinct Metal-Containing Building Units. Journal of the American Chemical Society, 2015, 137, 13456-13459.	6.6	88
17	A Rational Self-Sacrificing Template Route toÎ²-Bi2O3 Nanotube Arrays. European Journal of Inorganic Chemistry, 2004, 2004, 1785-1787.	1.0	85
18	Metalâ€“organic frameworks with designed chiral recognition sites. Chemical Communications, 2010, 46, 4911.	2.2	82

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19	Metalâ€“organic frameworks with multicomponents in order. Coordination Chemistry Reviews, 2019, 388, 107-125.	9.5	82
20	Reticular Chemistry and Metal-Organic Frameworks for Clean Energy. MRS Bulletin, 2009, 34, 682-690.	1.7	75
21	Downsizing metalâ€“organic frameworks with distinct morphologies as cathode materials for high-capacity Liâ€“O₂ batteries. Materials Chemistry Frontiers, 2017, 1, 1324-1330.	3.2	73
22	A triptycene-based porous hydrogen-bonded organic framework for guest incorporation with tailored fitting. Chemical Communications, 2017, 53, 3677-3680.	2.2	69
23	Solvothermal synthesis of Sb2S3 nanowires on a large scale. Journal of Crystal Growth, 2003, 258, 106-112.	0.7	66
24	An Imineâ€Linked Metalâ€“Organic Framework as a Reactive Oxygen Species Generator. Angewandte Chemie - International Edition, 2021, 60, 2534-2540.	7.2	63
25	Ultra-fast single-crystal polymerization of large-sized covalent organic frameworks. Nature Communications, 2021, 12, 5077.	5.8	63
26	Enhanced performance in gas adsorption and Li ion batteries by docking Li⁺ in a crown ether-based metalâ€“organic framework. Chemical Communications, 2016, 52, 3003-3006.	2.2	62
27	Solvothermal growth of Sb2S3 microcrystallites with novel morphologies. Journal of Crystal Growth, 2004, 262, 375-382.	0.7	59
28	Harnessing Bottomâ€Up Selfâ€Assembly To Position Five Distinct Components in an Ordered Porous Framework. Angewandte Chemie - International Edition, 2019, 58, 5348-5353.	7.2	48
29	A Room-Temperature Route to Bismuth Nanotube Arrays. European Journal of Inorganic Chemistry, 2003, 2003, 3699-3702.	1.0	47
30	A rational complexing-reduction route to antimony nanotubes. New Journal of Chemistry, 2003, 27, 1161.	1.4	38
31	Defect engineering of Mn-based MOFs with rod-shaped building units by organic linker fragmentation. Inorganica Chimica Acta, 2017, 460, 93-98.	1.2	38
32	Structure Transformation of a Luminescent Pillared-Layer Metalâ€“Organic Framework Caused by Point Defects Accumulation. Chemistry of Materials, 2018, 30, 5478-5484.	3.2	34
33	Evolution of a Metalâ€Organic Framework into a BrÃ¸nsted Acid Catalyst for Glycerol Dehydration to Acrolein. ChemSusChem, 2020, 13, 5073-5079.	3.6	31
34	Solvothermal synthesis and characterization of coordination polymers of cobalt(II) and zinc(II) with succinic acid. Transition Metal Chemistry, 2012, 37, 257-263.	0.7	28
35	Distinct interpenetrated metalâ€“organic frameworks constructed from crown ether-based strut analogue. CrystEngComm, 2013, 15, 841-844.	1.3	20
36	One-step Route to Single-crystal Î³-Mn3O4Nanorods in Alcoholâ€“Water System. Chemistry Letters, 2004, 33, 804-805.	0.7	19

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37	Metalâ€“organic frameworks constructed from mixed infinite inorganic units and adenine. CrystEngComm, 2014, 16, 3082.	1.3	18
38	Distinct Packings of Supramolecular Building Blocks in Metalâ€“Organic Frameworks Based on Imidazoledicarboxylic Acid. Inorganic Chemistry, 2015, 54, 9678-9680.	1.9	16
39	Synthesis, structure and luminescence properties of metal-organic frameworks based on benzo-bis(imidazole). Science China Chemistry, 2014, 57, 135-140.	4.2	15
40	Functionality proportion and corresponding stability study of multivariate metal-organic frameworks. Chinese Chemical Letters, 2018, 29, 837-841.	4.8	15
41	Solvothermal synthesis of antimony nanowire bundles, tube-groove-like nanostructures and dendrites. Journal of Crystal Growth, 2004, 261, 485-489.	0.7	14
42	Photochemical cycloaddition and temperature-dependent breathing in pillared-layer metalâ€“organic frameworks. Science Bulletin, 2019, 64, 1881-1889.	4.3	13
43	Mnâ€Based Two Dimensional Metalâ€Organic Framework Material from Benzimidazoleâ€5,6â€dicarboxylic Acid. Chinese Journal of Chemistry, 2016, 34, 233-238.	2.6	12
44	New linker installation in metalâ€“organic frameworks. Dalton Transactions, 2019, 48, 12000-12008.	1.6	11
45	Harnessing Bottomâ€Up Selfâ€Assembly To Position Five Distinct Components in an Ordered Porous Framework. Angewandte Chemie, 2019, 131, 5402-5407.	1.6	10
46	Construction of mixed carboxylate and pyrogallate building units for luminescent metalâ€“organic frameworks. Chinese Chemical Letters, 2020, 31, 813-817.	4.8	10
47	Snapshots of Postsynthetic Modification in a Layered Metalâ€“Organic Framework: Isometric Linker Exchange and Adaptive Linker Installation. Inorganic Chemistry, 2021, 60, 11756-11763.	1.9	10
48	Near achiral metalâ€“organic frameworks from conformationally flexible homochiral ligands resulted by the preferential formation of pseudo-inversion center in asymmetric unit. CrystEngComm, 2011, 13, 1277-1279.	1.3	9
49	Reversible and selective solvent adsorption in layered metalâ€“organic frameworks by coordination control. Journal of Colloid and Interface Science, 2014, 413, 175-182.	5.0	9
50	Vacancies in Metalâ^'Organic Frameworks: Formation, Arrangement, and Functions. Small Structures, 2022, 3, .	6.9	9
51	Encapsulation of polyoxometalates within layered metalâ€“organic frameworks with topological and pore control. CrystEngComm, 2013, 15, 9340.	1.3	8
52	A Triptyceneâ€Based Porous Organic Polymer that Exhibited High Hydrogen and Carbon Dioxide Storage Capacities and Excellent CO₂/N₂ Selectivity. Chinese Journal of Chemistry, 2015, 33, 539-544.	2.6	8
53	Reticular chemistry at the atomic, molecular, and framework scales. Nano Research, 2021, 14, 335-337.	5.8	8
54	An Imineâ€Linked Metalâ€“Organic Framework as a Reactive Oxygen Species Generator. Angewandte Chemie, 2021, 133, 2564-2570.	1.6	8

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55	Chiral porous metalâ€“organic frameworks from chiral building units with different metrics. CrystEngComm, 2013, 15, 10161.	1.3	7
56	Interface construction in microporous metalâ€“organic frameworks from luminescent terbium-based building blocks. Journal of Colloid and Interface Science, 2019, 552, 372-377.	5.0	7
57	Precise CO₂ Reduction for Bilayer Graphene. ACS Central Science, 2022, 8, 394-401.	5.3	6
58	Vacancies in Metalâ^'Organic Frameworks: Formation, Arrangement, and Functions. Small Structures, 2022, 3, .	6.9	5
59	Field Effect Transistors Based on In Situ Fabricated Graphene Scaffoldâ€“ZrO₂ Nanofilms. Advanced Electronic Materials, 2018, 4, 1700424.	2.6	4
60	Cycloparaphenylene and their radicals anchored to a metalâ^'organic framework. Materials Today Chemistry, 2022, 25, 100973.	1.7	4
61	Loop-containing One-dimensional Metal-Organic Frameworks from Flexible Betaine Linkers and Zinc Salts by Controlled Synthesis. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 797-803.	0.3	1
62	Transfer-Free Fabrication of Graphene Scaffolds on High-k Dielectrics from Metalâ€“Organic Oligomers. ACS Applied Materials & Interfaces, 2016, 8, 25469-25475.	4.0	1
63	Synthesis of the Bi-functionalized Pillar[5]arene. Chinese Journal of Organic Chemistry, 2016, 36, 2130.	0.6	1
64	A Rational Self-Sacrificing Template Route to Î²-Bi2O3 Nanotube Arrays.. ChemInform, 2004, 35, no.	0.1	0
65	Metalâ€“organic frameworks with multi-components in order. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C842-C842.	0.0	0