

Qiaowei Li

List of Publications by Citations

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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.

62

papers

3,103

citations

28

h-index

55

g-index

69

ext. papers

3,630

ext. citations

9.4

avg, IF

5.18

L-index

#	Paper	IF	Citations
62	Docking in metal-organic frameworks. <i>Science</i> , 2009 , 325, 855-9	33.3	314
61	Metal-organic frameworks as cathode materials for Li-O ₂ batteries. <i>Advanced Materials</i> , 2014 , 26, 3258-62	24.0	240
60	Nanoporous carbohydrate metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2012 , 134, 406-17	16.4	208
59	Enhanced Activity of Enzymes Encapsulated in Hydrophilic Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2348-2355	16.4	190
58	A metal-organic framework with covalently bound organometallic complexes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 9262-4	16.4	185
57	Ordered vacancies and their chemistry in metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2014 , 136, 14465-71	16.4	133
56	Reversible Redox Activity in Multicomponent Metal-Organic Frameworks Constructed from Trinuclear Copper Pyrazolate Building Blocks. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7998-8007	16.4	108
55	Control of Structure Topology and Spatial Distribution of Biomacromolecules in Biocomposites. <i>Chemistry of Materials</i> , 2018 , 30, 1069-1077	9.6	101
54	A catenated strut in a catenated metal-organic framework. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6751-5	16.4	96
53	Metal-organic frameworks incorporating copper-complexed rotaxanes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2160-3	16.4	92
52	A metal-organic framework replete with ordered donor-acceptor catenanes. <i>Chemical Communications</i> , 2010 , 46, 380-2	5.8	84
51	A Rational Self-Sacrificing Template Route to Bi ₂ O ₃ Nanotube Arrays. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 1785-1787	2.3	82
50	Heterogeneity within a Mesoporous Metal-Organic Framework with Three Distinct Metal-Containing Building Units. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13456-9	16.4	77
49	Rigid-strut-containing crown ethers and [2]catenanes for incorporation into metal-organic frameworks. <i>Chemistry - A European Journal</i> , 2009 , 15, 13356-80	4.8	77
48	Anisotropic reticular chemistry. <i>Nature Reviews Materials</i> , 2020 , 5, 764-779	73.3	72
47	Metal-organic frameworks with designed chiral recognition sites. <i>Chemical Communications</i> , 2010 , 46, 4911-3	5.8	71
46	Reticular Chemistry and Metal-Organic Frameworks for Clean Energy. <i>MRS Bulletin</i> , 2009 , 34, 682-690	3.2	70

45	Epitaxial Growth and Integration of Insulating Metal-Organic Frameworks in Electrochemistry. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11322-11327	16.4	61
44	Downsizing metal-organic frameworks with distinct morphologies as cathode materials for high-capacity LiO ₂ batteries. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1324-1330	7.8	60
43	Solvothermal synthesis of Sb ₂ S ₃ nanowires on a large scale. <i>Journal of Crystal Growth</i> , 2003 , 258, 106-1126	11.26	60
42	Solvothermal growth of Sb ₂ S ₃ microcrystallites with novel morphologies. <i>Journal of Crystal Growth</i> , 2004 , 262, 375-382	1.6	56
41	Metal-organic frameworks with multicomponents in order. <i>Coordination Chemistry Reviews</i> , 2019 , 388, 107-125	23.2	46
40	A triptycene-based porous hydrogen-bonded organic framework for guest incorporation with tailored fitting. <i>Chemical Communications</i> , 2017 , 53, 3677-3680	5.8	42
39	Enhanced performance in gas adsorption and Li ion batteries by docking Li(+) in a crown ether-based metal-organic framework. <i>Chemical Communications</i> , 2016 , 52, 3003-6	5.8	42
38	A Room-Temperature Route to Bismuth Nanotube Arrays. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3699-3702	2.3	41
37	A rational complexing-reduction route to antimony nanotubes. <i>New Journal of Chemistry</i> , 2003 , 27, 11613.6	33	
36	Harnessing Bottom-Up Self-Assembly To Position Five Distinct Components in an Ordered Porous Framework. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5348-5353	16.4	32
35	Defect engineering of Mn-based MOFs with rod-shaped building units by organic linker fragmentation. <i>Inorganica Chimica Acta</i> , 2017 , 460, 93-98	2.7	28
34	A Catenated Strut in a Catenated Metal-Organic Framework. <i>Angewandte Chemie</i> , 2010 , 122, 6903-6907	3.6	26
33	Structure Transformation of a Luminescent Pillared-Layer Metal-Organic Framework Caused by Point Defects Accumulation. <i>Chemistry of Materials</i> , 2018 , 30, 5478-5484	9.6	25
32	Solvothermal synthesis and characterization of coordination polymers of cobalt(II) and zinc(II) with succinic acid. <i>Transition Metal Chemistry</i> , 2012 , 37, 257-263	2.1	24
31	An Imine-Linked Metal-Organic Framework as a Reactive Oxygen Species Generator. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2534-2540	16.4	22
30	Metal-Organic Frameworks Incorporating Copper-Complexed Rotaxanes. <i>Angewandte Chemie</i> , 2012 , 124, 2202-2205	3.6	21
29	One-step Route to Single-crystal Mn ₃ O ₄ Nanorods in Alcohol-Water System. <i>Chemistry Letters</i> , 2004 , 33, 804-805	1.7	18
28	Metal-organic frameworks constructed from mixed infinite inorganic units and adenine. <i>CrystEngComm</i> , 2014 , 16, 3082	3.3	17

27	Distinct Packings of Supramolecular Building Blocks in Metal-Organic Frameworks Based on Imidazolecarboxylic Acid. <i>Inorganic Chemistry</i> , 2015 , 54, 9678-80	5.1	16
26	Distinct interpenetrated metal-organic frameworks constructed from crown ether-based strut analogue. <i>CrystEngComm</i> , 2013 , 15, 841-844	3.3	15
25	Solvothermal synthesis of antimony nanowire bundles, tube-groove-like nanostructures and dendrites. <i>Journal of Crystal Growth</i> , 2004 , 261, 485-489	1.6	13
24	Mn-Based Two Dimensional Metal-Organic Framework Material from Benzimidazole-5,6-dicarboxylic Acid. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 233-238	4.9	12
23	Ultra-fast single-crystal polymerization of large-sized covalent organic frameworks. <i>Nature Communications</i> , 2021 , 12, 5077	17.4	11
22	Evolution of a Metal-Organic Framework into a Brønsted Acid Catalyst for Glycerol Dehydration to Acrolein. <i>ChemSusChem</i> , 2020 , 13, 5073-5079	8.3	10
21	Functionality proportion and corresponding stability study of multivariate metal-organic frameworks. <i>Chinese Chemical Letters</i> , 2018 , 29, 837-841	8.1	9
20	New linker installation in metal-organic frameworks. <i>Dalton Transactions</i> , 2019 , 48, 12000-12008	4.3	9
19	Photochemical cycloaddition and temperature-dependent breathing in pillared-layer metal-organic frameworks. <i>Science Bulletin</i> , 2019 , 64, 1881-1889	10.6	9
18	Synthesis, structure and luminescence properties of metal-organic frameworks based on benzo-bis(imidazole). <i>Science China Chemistry</i> , 2014 , 57, 135-140	7.9	9
17	Near achiral metal-organic frameworks from conformationally flexible homochiral ligands resulted by the preferential formation of pseudo-inversion center in asymmetric unit. <i>CrystEngComm</i> , 2011 , 13, 1277-1279	3.3	9
16	Harnessing Bottom-Up Self-Assembly To Position Five Distinct Components in an Ordered Porous Framework. <i>Angewandte Chemie</i> , 2019 , 131, 5402-5407	3.6	8
15	A Triptycene-Based Porous Organic Polymer that Exhibited High Hydrogen and Carbon Dioxide Storage Capacities and Excellent CO ₂ /N ₂ Selectivity. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 539-544	4.9	8
14	Reversible and selective solvent adsorption in layered metal-organic frameworks by coordination control. <i>Journal of Colloid and Interface Science</i> , 2014 , 413, 175-82	9.3	7
13	Encapsulation of polyoxometalates within layered metal-organic frameworks with topological and pore control. <i>CrystEngComm</i> , 2013 , 15, 9340	3.3	6
12	Chiral porous metal-organic frameworks from chiral building units with different metrics. <i>CrystEngComm</i> , 2013 , 15, 10161	3.3	6
11	Interface construction in microporous metal-organic frameworks from luminescent terbium-based building blocks. <i>Journal of Colloid and Interface Science</i> , 2019 , 552, 372-377	9.3	4
10	Construction of mixed carboxylate and pyrogallate building units for luminescent metal-organic frameworks. <i>Chinese Chemical Letters</i> , 2020 , 31, 813-817	8.1	4

9	An Imine-Linked Metal-Organic Framework as a Reactive Oxygen Species Generator. <i>Angewandte Chemie</i> , 2021 , 133, 2564-2570	3.6	3
8	Field Effect Transistors Based on In Situ Fabricated Graphene Scaffold/Al ₂ O ₃ Nanofilms. <i>Advanced Electronic Materials</i> , 2018 , 4, 1700424	6.4	2
7	Loop-containing One-dimensional Metal-Organic Frameworks from Flexible Betaine Linkers and Zinc Salts by Controlled Synthesis. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013 , 68, 797-803	1	1
6	Snapshots of Postsynthetic Modification in a Layered Metal-Organic Framework: Isometric Linker Exchange and Adaptive Linker Installation. <i>Inorganic Chemistry</i> , 2021 , 60, 11756-11763	5.1	1
5	Transfer-Free Fabrication of Graphene Scaffolds on High-k Dielectrics from Metal-Organic Oligomers. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 25469-75	9.5	1
4	Precise CO Reduction for Bilayer Graphene.. <i>ACS Central Science</i> , 2022 , 8, 394-401	16.8	1
3	Vacancies in Metal-Organic Frameworks: Formation, Arrangement, and Functions. <i>Small Structures</i> , 2022 , 3, 2270016	8.7	1
2	Vacancies in Metal-Organic Frameworks: Formation, Arrangement, and Functions. <i>Small Structures</i> , 2022 , 3, 2100283	8.7	0
1	Cycloparaphenylene and their radicals anchored to a metal-organic framework. <i>Materials Today Chemistry</i> , 2022 , 25, 100973	6.2	