

# Single-Crystalline Ultrathin 2D Porous Nanosheets of C

Journal of the American Chemical Society

143, 3509-3518

DOI: 10.1021/jacs.0c13005

Citation Report

#	ARTICLE	IF	CITATIONS
1	Turn-On Fluorescence Enantioselective Sensing of Hydroxyl Carboxylic Enantiomers by Metal-Organic Framework Nanosheets with a Homochiral Tetracarboxylate of Cyclohexane Diamide. ACS Applied Materials & Interfaces, 2021, 13, 20821-20829.	4.0	34
2	Robust photocatalytic hydrogen production on metal-organic layers of Al-TCPP with ultrahigh turnover numbers. Chinese Chemical Letters, 2021, 32, 3833-3836.	4.8	17
3	Two Distinct Stages of Structural Modification of ZIF-L MOF under Electron-Beam Irradiation. Chemistry of Materials, 2021, 33, 5681-5689.	3.2	16
4	Two-dimensional metal-organic framework nanosheet composites: Preparations and applications. Chinese Chemical Letters, 2022, 33, 693-702.	4.8	51
5	Chiral Induction in Buckminsterfullerene Using a Metal-Organic Framework. Angewandte Chemie, 2021, 133, 18091-18095.	1.6	7
6	Chiral Induction in Buckminsterfullerene Using a Metal-Organic Framework. Angewandte Chemie - International Edition, 2021, 60, 17947-17951.	7.2	18
7	Structural visualization of ultrathin chiral porous metal-organic framework nanosheet. Matter, 2021, 4, 2669-2671.	5.0	3
8	Fabrication of 2D Metal-Organic Framework Nanosheets with Highly Colloidal Stability and High Yield through Coordination Modulation. ACS Applied Materials & Interfaces, 2021, 13, 39755-39762.	4.0	15
9	Two-dimensional coordination polymers containing permethylated motifs - promising candidates for 2D emerging materials. Structural, behavioral and functional particularities. Reactive and Functional Polymers, 2021, 168, 105039.	2.0	4
10	DNA Programmable Self-Assembly of Planar, Thin-Layered Chiral Nanoparticle Superstructures with Complex Two-Dimensional Patterns. ACS Nano, 2021, 15, 16664-16672.	7.3	20
11	Layer or Tube? Uncovering Key Factors Determining the Rolling-up of Layered Coordination Polymers. Journal of the American Chemical Society, 2021, 143, 17587-17598.	6.6	10
12	Few-Layered Metal-Organic Framework Nanosheets as Catalysts for the Synthesis of 2,3-Dihydroquinazolinone and Propargylamines. ACS Applied Nano Materials, 2021, 4, 12108-12118.	2.4	3
13	Ultraweak chemiluminescence enhanced on the surface of lanthanide metal-organic framework nanosheets synthesized by ultrasonic wave. Applied Surface Science, 2022, 579, 151860.	3.1	8
14	Ultrathin metal-organic framework nanosheets and devices. Oxford Open Materials Science, 2020, 1, .	0.5	0
15	Modulating the Chemical Microenvironment of Pt Nanoparticles within Ultrathin Nanosheets of Isoreticular MOFs for Enhanced Catalytic Activity. Inorganic Chemistry, 2022, 61, 2538-2545.	1.9	10
16	Induction of chiral polymers from metal-organic framework for stereoselective recognition. Analytica Chimica Acta, 2022, 1196, 339546.	2.6	4
17	Hierarchically Macro-Microporous Ce-Based MOFs for the Cleavage of DNA. , 2022, 4, 385-391.		31
18	Metal-organic framework-based core-shell composites for chromatographic stationary phases. TrAC - Trends in Analytical Chemistry, 2022, 149, 116545.	5.8	12

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20	Symbiosis-inspired de novo synthesis of ultrahigh MOF growth mixed matrix membranes for sustainable carbon capture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	99
21	Metal-Organic Framework-Based Core-Shell Composites for Chromatographic Stationary Phase Applications. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
22	Post-Exfoliation Functionalisation of Metal-Organic Framework Nanosheets via Click Chemistry. <i>Nanoscale</i> , 2022, , .	2.8	4
23	Cryogenic Focused Ion Beam Enables Atomic-Resolution Imaging of Local Structures in Highly Sensitive Bulk Crystals and Devices. <i>Journal of the American Chemical Society</i> , 2022, 144, 3182-3191.	6.6	28
24	Energy Transfer in Metal-Organic Frameworks for Fluorescence Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 9970-9986.	4.0	109
25	<i>In Situ Trans-Cis</i> Isomerization of Naphthylvinylpyridine Ligand in a Zinc(II) Coordination Polymer: Liquid and Vapor Phase Sensing of Mutagenic Pollutants and Nitroexplosives. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2841-2850.	2.0	12
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27	Chiral Metal-Organic Frameworks. <i>Chemical Reviews</i> , 2022, 122, 9078-9144.	23.0	175
28	From Hydrogen Bond to van der Waals Force: Molecular Scalpel Strategy to Exfoliate a Two-Dimensional Metal-Organic Nanosheet. <i>Inorganic Chemistry</i> , 2022, 61, 5465-5468.	1.9	0
29	Low-Dose Electron Microscopy Imaging of Electron Beam-Sensitive Crystalline Materials. <i>Accounts of Materials Research</i> , 2022, 3, 552-564.	5.9	17
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34	The Development of iDPC-STEM and Its Application in Electron Beam Sensitive Materials. <i>Molecules</i> , 2022, 27, 3829.	1.7	5
35	Bimetallic Au-Pd NPs Embedded in MOF Ultrathin Nanosheets with Tuned Surface Electronic Properties for High-performance Benzyl Alcohol Oxidation. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 1344-1348.	1.3	5
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37	Challenges and opportunities for chiral covalent organic frameworks. <i>Chemical Science</i> , 2022, 13, 9811-9832.	3.7	19
38	Robust Carbazole-Based Rare-Earth MOFs: Tunable White-Light Emission for Temperature and DMF Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 41178-41185.	4.0	8
39	Ultrathin Metal-Organic Framework Nanosheets Exhibiting Exceptional Catalytic Activity. <i>Journal of the American Chemical Society</i> , 2022, 144, 17487-17495.	6.6	48
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43	2D Hexagonal Assemblies of Amphiphilic Double Helical Poly(phenylacetylene) Homopolymers with Enhanced Circularly Polarized Luminescence and Chiral Self-Sorting. <i>Angewandte Chemie</i> , 0, , .	1.6	2
44	Hierarchical Materials from High Information Content Macromolecular Building Blocks: Construction, Dynamic Interventions, and Prediction. <i>Chemical Reviews</i> , 2022, 122, 17397-17478.	23.0	23
45	Chiral two-dimensional metal-organic frameworks based on Zn(salen) ligands: subcomponent self-assembly and circularly polarised luminescence. <i>CrystEngComm</i> , 2023, 25, 484-489.	1.3	1
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47	Metal-Organic Frameworks-Based Analytical Devices for Chiral Sensing and Separations: A Review (2012-2022). <i>Chemosensors</i> , 2023, 11, 29.	1.8	6
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57	Metal-organic frameworks for the capture of $\pm$ -pinene traces. <i>Chemical Communications</i> , 2023, 59, 7064-7067.	2.2	1
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