

Metal-organic framework nanosheets (MONs): a new

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ultrasonic Exfoliation of Hydrophobic and Hydrophilic Metal-Organic Frameworks To Form Nanosheets. <i>Chemistry - A European Journal</i> , 2018, 24, 17986-17996.	1.7	22
2	Increasing Alkyl Chain Length in a Series of Layered Metal-Organic Frameworks Aids Ultrasonic Exfoliation to Form Nanosheets. <i>Inorganic Chemistry</i> , 2019, 58, 10837-10845.	1.9	23
3	Ultrathin Films of 2D Hofmann-Type Coordination Polymers: Influence of Pillaring Linkers on Structural Flexibility and Vertical Charge Transport. <i>Chemistry of Materials</i> , 2019, 31, 7277-7287.	3.2	18
4	2D molecular crystal lattices: advances in their synthesis, characterization, and application. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23537-23562.	5.2	33
5	Shape-Assisted 2D MOF/Graphene Derived Hybrids as Exceptional Lithium-Ion Battery Electrodes. <i>Advanced Functional Materials</i> , 2019, 29, 1902539.	7.8	118
6	Ultrasound-treated metal-organic framework with efficient electrocatalytic oxygen evolution activity. <i>Ultrasonics Sonochemistry</i> , 2019, 59, 104714.	3.8	34
7	Water Desalination with Two-Dimensional Metal-Organic Framework Membranes. <i>Nano Letters</i> , 2019, 19, 8638-8643.	4.5	119
8	Metal-organic framework nanosheets: a class of glamorous low-dimensional materials with distinct structural and chemical natures. <i>Science China Chemistry</i> , 2019, 62, 1561-1575.	4.2	31
9	The synthetic strategies of metal-organic framework membranes, films and 2D MOFs and their applications in devices. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21004-21035.	5.2	94
10	Solvent controlled self-assembly of π -stacked/H-bonded supramolecular organic frameworks from a C_3 -symmetric monomer for iodine adsorption. <i>CrystEngComm</i> , 2019, 21, 1742-1749.	1.3	14
11	A new paradigm of ultrathin 2D nanomaterial adsorbents in aqueous media: graphene and GO, MoS_2 , MXenes, and 2D MOFs. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16598-16621.	5.2	95
12	2D-enabled membranes: materials and beyond. <i>BMC Chemical Engineering</i> , 2019, 1, .	3.4	27
13	Earth-abundant transition metal and metal oxide nanomaterials: Synthesis and electrochemical applications. <i>Progress in Materials Science</i> , 2019, 106, 100574.	16.0	184
14	Structural Engineering of Low-Dimensional Metal-Organic Frameworks: Synthesis, Properties, and Applications. <i>Advanced Science</i> , 2019, 6, 1802373.	5.6	214
15	Tandem catalysis by ultrathin metal-organic nanosheets formed through post-synthetic functionalisation of a layered framework. <i>Chemical Communications</i> , 2019, 55, 8788-8791.	2.2	24
16	Delamination of 2D coordination polymers: The role of solvent and ultrasound. <i>Ultrasonics Sonochemistry</i> , 2019, 55, 186-195.	3.8	19
17	Identification of Reaction Sites on Metal-Organic Framework-Based Asymmetric Catalysts for Carbonyl-ene Reactions. <i>ACS Catalysis</i> , 2019, 9, 3969-3977.	5.5	24
18	Engineering new defective phases of UiO family metal-organic frameworks with water. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7459-7469.	5.2	58

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19	Redox- Reversible 2D Metal-Organic Framework Nanosheets (MONs) Based on the Hydroquinone/Quinone Couple. <i>Chemistry - A European Journal</i> , 2019, 25, 3835-3842.	1.7	20
20	Templated growth of vertically aligned 2D metal-organic framework nanosheets. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5811-5818.	5.2	40
21	A 2D metal-organic framework/reduced graphene oxide heterostructure for supercapacitor application. <i>RSC Advances</i> , 2019, 9, 36123-36135.	1.7	65
22	A highly stable, luminescent and layered zinc(II)-MOF: Iron(III)/copper(II) dual sensing and guest-assisted exfoliation. <i>Chinese Chemical Letters</i> , 2020, 31, 2211-2214.	4.8	25
23	Two-dimensional metal-organic frameworks and their derivatives for electrochemical energy storage and electrocatalysis. <i>Nanoscale Advances</i> , 2020, 2, 536-562.	2.2	109
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26	Coordination-Cage-Catalysed Hydrolysis of Organophosphates: Cavity-or Surface-Based?. <i>Chemistry - A European Journal</i> , 2020, 26, 3065-3073.	1.7	38
27	Recent progress in metal-organic frameworks as active materials for supercapacitors. <i>EnergyChem</i> , 2020, 2, 100025.	10.1	326
28	Two-dimensional metal-organic framework materials for energy conversion and storage. <i>Journal of Power Sources</i> , 2020, 477, 228919.	4.0	34
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38	Coordination tailoring of water-labile 3D MOFs to fabricate ultrathin 2D MOF nanosheets. <i>Nanoscale</i> , 2020, 12, 12767-12772.	2.8	40
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47	2D Metal-Organic Frameworks (MOFs) for High-Performance BatCap Hybrid Devices. <i>Small</i> , 2020, 16, e2001987.	5.2	166
48	Metal-organic frameworks with different spatial dimensions for supercapacitors. <i>New Journal of Chemistry</i> , 2020, 44, 3147-3167.	1.4	46
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57	Monolayer nanosheets formed by liquid exfoliation of charge-assisted hydrogen-bonded frameworks. <i>Chemical Science</i> , 2021, 12, 3322-3327.	3.7	28
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111	Self-assembly of <i>s</i> -indacene-tetrone on Cu(111): molecular trapping and patterning of Cu adatoms. <i>Physical Chemistry Chemical Physics</i> , 2023, 25, 10591-10598.	1.3	0
112	Fundamentals of MOF Mechanics & Structure-Mechanical Property Relationships. , 2023, , 1-64.		1
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