

Semiconductor Metal-Organic Frameworks: Future L

Advanced Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	An updated roadmap for the integration of metal-organic frameworks with electronic devices and chemical sensors. <i>Chemical Society Reviews</i> , 2017, 46, 3185-3241.	18.7	987
2	Syntheses, Structures, and Photophysical Properties of Two Coordination Polymers Based on 2,3,4-tetrahydroquinoxaline-6-carboxylic Acid. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 531-535.	0.6	0
3	Missing Linkers: An Alternative Pathway to UiO-66 Electronic Structure Engineering. <i>Chemistry of Materials</i> , 2017, 29, 3006-3019.	3.2	176
4	Bimetal-organic framework assisted polymerization of pyrrole involving air oxidant to prepare composite electrodes for portable energy storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23744-23752.	5.2	119
5	Synthesis of α -acyloxy ethers via direct esterification of carboxylic acids with ethers under metal-organic framework catalysis. <i>Tetrahedron</i> , 2017, 73, 5883-5891.	1.0	11
6	Accelerating Palladium Nanowire H ₂ Sensors Using Engineered Nanofiltration. <i>ACS Nano</i> , 2017, 11, 9276-9285.	7.3	190
7	Syntheses of Exceptionally Stable Aluminum(III) Metal-Organic Frameworks: How to Grow High-Quality, Large, Single Crystals. <i>Chemistry - A European Journal</i> , 2017, 23, 15518-15528.	1.7	60
8	A highly sensitive turn-on ratiometric luminescent probe based on postsynthetic modification of Tb ³⁺ @Cu-MOF for H ₂ S detection. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9943-9951.	2.7	77
9	Lowering Band Gap of an Electroactive Metal-Organic Framework via Complementary Guest Intercalation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32413-32417.	4.0	75
10	Electronic structure design for nanoporous, electrically conductive zeolitic imidazolate frameworks. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7726-7731.	2.7	40
11	Direct Formation of Sub-Micron and Nanoparticles of a Bioinspired Coordination Polymer Based on Copper with Adenine. <i>Polymers</i> , 2017, 9, 565.	2.0	9
12	Understanding and Controlling the Dielectric Response of Metal-Organic Frameworks. <i>ChemPlusChem</i> , 2018, 83, 308-316.	1.3	36
13	Fast and efficient direct formation of size-controlled nanostructures of coordination polymers based on copper(i)-iodine bearing functional pyridine terminal ligands. <i>Dalton Transactions</i> , 2018, 47, 5607-5613.	1.6	8
14	A Novel Nanocomposite with Superior Antibacterial Activity: A Silver-Based Metal Organic Framework Embellished with Graphene Oxide. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701365.	1.9	107
15	Synthesis, crystal structures and photocatalytic properties of four silver(I) coordination polymers based on nitroterephthalic acid. <i>Polyhedron</i> , 2018, 148, 161-170.	1.0	6
16	Expanding the dimensions of metal-organic framework research towards dielectrics. <i>Coordination Chemistry Reviews</i> , 2018, 360, 77-91.	9.5	48
17	Bottom-Up Fabrication of Semiconductive Metal-Organic Framework Ultrathin Films. <i>Advanced Materials</i> , 2018, 30, 1704291.	11.1	162
18	New OLEDs Based on Zirconium Metal-Organic Framework. <i>Advanced Optical Materials</i> , 2018, 6, 1701060.	3.6	42

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19	Surface-tension-confined assembly of a metal-organic framework in femtoliter droplet arrays. <i>RSC Advances</i> , 2018, 8, 3680-3686.	1.7	4
20	A general microwave synthesis of metal (Ni, Cu, Zn) selenide nanoparticles and their competitive interaction with human serum albumin. <i>New Journal of Chemistry</i> , 2018, 42, 5759-5766.	1.4	28
21	Deformation behavior of an amorphous zeolitic imidazolate framework from a supersoft material to a complex organometallic alloy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29001-29011.	1.3	21
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25	High-k Gate Dielectrics for Emerging Flexible and Stretchable Electronics. <i>Chemical Reviews</i> , 2018, 118, 5690-5754.	23.0	530
26	The role of redox hopping in metal-organic framework electrocatalysis. <i>Chemical Communications</i> , 2018, 54, 6965-6974.	2.2	127
27	Zr-MOFs based on Keggin-type polyoxometalates for photocatalytic hydrogen production. <i>Journal of Materials Science</i> , 2018, 53, 12016-12029.	1.7	72
28	Two anthracene-based metal-organic frameworks for highly effective photodegradation and luminescent detection in water. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17177-17185.	5.2	95
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34	Adsorption cooling system employing novel MIL-101(Cr)/CaCl ₂ composites: Numerical study. <i>International Journal of Refrigeration</i> , 2019, 107, 246-261.	1.8	29
35	A sulfur coordination polymer with wide bandgap semiconductivity formed from zinc(II) and 5-methylsulfanyl-1,3,4-thiadiazole-2-thione. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1243-1249.	0.2	2
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