

Metal-organic framework nanosheets in polymer composites

Nature Materials

14, 48-55

DOI: 10.1038/nmat4113

Citation Report

#	ARTICLE	IF	CITATIONS
6	Quantum spin Hall phase in multilayer graphene. Physical Review B, 2015, 91, .	3.2	4
7	High Efficiency Water Transport Channels using the Synergistic Effect of a Hydrophilic Polymer and Graphene Oxide Laminates. Advanced Functional Materials, 2015, 25, 5809-5815.	14.9	177
8	Ultrathin 2D Metal-Organic Framework Nanosheets. Advanced Materials, 2015, 27, 7372-7378.	21.0	943
10	Synthetic Covalent and Non-Covalent 2D Materials. Angewandte Chemie - International Edition, 2015, 54, 13876-13894.	13.8	157
11	Confinement of Ionic Liquids in Nanocages: Tailoring the Molecular Sieving Properties of ZIF-8 for Membrane-Based CO ₂ Capture. Angewandte Chemie - International Edition, 2015, 54, 15483-15487.	13.8	303
12	Significantly Enhanced Separation using ZIF-8 Membranes by Partial Conversion of Calcined Layered Double Hydroxide Precursors. ChemSusChem, 2015, 8, 3582-3586.	6.8	44
15	Biological Chitin-MOF Composites with Hierarchical Pore Systems for Air Filtration Applications. Angewandte Chemie - International Edition, 2015, 54, 12588-12591.	13.8	108
16	Graphene related magnetic materials: micromechanical exfoliation of 2D layered magnets based on bimetallic anilate complexes with inserted [Fe ^{III} (acac) ₂ -trien] ⁺ and [Fe ^{III} (sal) ₂ -trien] ⁺ molecules. Chemical Science, 2015, 6, 4665-4673.	7.4	123
17	Metal organic frameworks from extended, conjugated pentiptycene-based ligands. CrystEngComm, 2015, 17, 4912-4918.	2.6	13
18	Facile and fast, one pot microwave synthesis of metal organic framework copper terephthalate and study CO ₂ and CH ₄ adsorption on it. Journal of Porous Materials, 2015, 22, 1161-1169.	2.6	24
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20	Probing Reactive Platinum Sites in UiO-67 Zirconium Metal-Organic Frameworks. Chemistry of Materials, 2015, 27, 1042-1056.	6.7	105
21	Carbon nitride with simultaneous porous network and O-doping for efficient solar-energy-driven hydrogen evolution. Nano Energy, 2015, 12, 646-656.	16.0	537
22	Elevated pervaporation performance of polysiloxane membrane using channels and active sites of metal organic framework CuBTC. Journal of Membrane Science, 2015, 481, 73-81.	8.2	56
23	Remarkably Enhanced Gas Separation by Partial Self-Conversion of a Laminated Membrane to Metal-Organic Frameworks. Angewandte Chemie, 2015, 127, 3071-3075.	2.0	43
24	Matrimid-Based Mixed Matrix Membranes: Interpretation and Correlation of Experimental Findings for Zeolitic Imidazolate Frameworks as Fillers in H ₂ /CO ₂ Separation. Industrial & Engineering Chemistry Research, 2015, 54, 1103-1112.	3.7	54
25	Mixed-matrix membranes containing functionalized porous metal-organic polyhedrons for the effective separation of CO ₂ -CH ₄ mixture. Chemical Communications, 2015, 51, 4249-4251.	4.1	72
26	Remarkably Enhanced Gas Separation by Partial Self-Conversion of a Laminated Membrane to Metal-Organic Frameworks. Angewandte Chemie - International Edition, 2015, 54, 3028-3032.	13.8	125

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27	Metal-organic framework based mixed matrix membranes: a solution for highly efficient CO ₂ capture?. Chemical Society Reviews, 2015, 44, 2421-2454.	38.1	732
28	Interfacial Growth of Metal Organic Framework/Graphite Oxide Composites through Pickering Emulsion and Their CO ₂ Capture Performance in the Presence of Humidity. Langmuir, 2015, 31, 7410-7417.	3.5	70
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