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## Emerging Multifunctional Metal-Organic Framework Materials

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#	Paper	IF	Citations
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1085	Polystyrene Sulfonate Threaded through a Metal-Organic Framework Membrane for Fast and Selective Lithium-Ion Separation. <b>2016</b> , 128, 15344-15348		40
1084	Porous Metal-Organic Frameworks: Promising Materials for Methane Storage. <b>2016</b> , 1, 557-580		214
1083	Polystyrene Sulfonate Threaded through a Metal-Organic Framework Membrane for Fast and Selective Lithium-Ion Separation. <b>2016</b> , 55, 15120-15124		178
1082	Two-dimensional metal-organic frameworks for selective separation of CO <sub>2</sub> /CH <sub>4</sub> and CO <sub>2</sub> /N <sub>2</sub> . <b>2017</b> , 1, 1514-1519		23
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1078	Metal-Organic Frameworks for Energy Applications. <b>2017</b> , 2, 52-80		737
1077	Silver(I) coordination polymers with 3,3',5,5'-tetrasubstituted 4,4'-bipyridine ligands: towards new porous chiral materials. <b>2017</b> , 7, 7358-7367		11
1076	Luminescent Metal-Organic-Framework-Based Label-Free Assay of Polyphenol Oxidase with Fluorescent Scan. <b>2017</b> , 23, 6562-6569		17
1075	Encapsulation of aggregated gold nanoclusters in a metal-organic framework for real-time monitoring of drug release. <b>2017</b> , 9, 4128-4134		72
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1073	Strong Electromagnetic Wave Response Derived from the Construction of Dielectric/Magnetic Media Heterostructure and Multiple Interfaces. <b>2017</b> , 9, 9964-9974		206
1072	Progress in Nanotheranostics Based on Mesoporous Silica Nanomaterial Platforms. <b>2017</b> , 9, 10309-10337		84

1071	Metal-organic frameworks for energy-related applications. <b>2017</b> , 4, 44-49	27
1070	An anionic metal-organic framework with ternary building units for rapid and selective adsorption of dyes. <b>2017</b> , 46, 3332-3337	70
1069	Highly Enhanced Gas Uptake and Selectivity via Incorporating Methoxy Groups into a Microporous Metal-Organic Framework. <b>2017</b> , 17, 2172-2177	21
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1067	Nanoporous Cu(I) Metal-Organic Framework: Selective Adsorption of Benzene and Luminescence Sensing of Nitroaromatics. <b>2017</b> , 2, 3200-3206	16
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1064	Hybrid ultramicroporous materials (HUMs) with enhanced stability and trace carbon capture performance. <b>2017</b> , 53, 5946-5949	66
1063	Significant Enhancement of C <sub>2</sub> H <sub>2</sub> /C <sub>2</sub> H <sub>4</sub> Separation by a Photochromic Diarylethene Unit: A Temperature- and Light-Responsive Separation Switch. <b>2017</b> , 129, 8008-8014	22
1062	Significant Enhancement of C <sub>2</sub> H <sub>2</sub> /C <sub>2</sub> H <sub>4</sub> Separation by a Photochromic Diarylethene Unit: A Temperature- and Light-Responsive Separation Switch. <b>2017</b> , 56, 7900-7906	123
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1055	Lanthanide separation using size-selective crystallization of Ln-MOFs. <b>2017</b> , 53, 5737-5739	21
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1053	Electrocatalytic reduction of oxygen by metal coordination polymers produced from pentacyanidoferrate(II) complex. <b>2017</b> , 466, 166-173		9
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1049	Phenanthroline-based metal-organic frameworks for Fe-catalyzed C-H amination. <b>2017</b> , 201, 303-315		30
1048	Two tetraphenylethene-containing coordination polymers for reversible mechanochromism. <b>2017</b> , 53, 7048-7051		45
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1044	Block Copolymer-Templated Approach to Nanopatterned Metal-Organic Framework Films. <b>2017</b> , 12, 2044-2047		3
1043	Phosphonate-based Metal Organic Frameworks as Robust Heterogeneous Catalysts for TBHP Oxidation of Benzylic Alcohols. <b>2017</b> , 147, 1714-1721		13
1042	Optimized Separation of Acetylene from Carbon Dioxide and Ethylene in a Microporous Material. <b>2017</b> , 139, 8022-8028		263
1041	Pillar[5]arene/Matrimid materials for high-performance methane purification membranes. <b>2017</b> , 539, 224-228		33
1040	Template-Directed Growth of Well-Aligned MOF Arrays and Derived Self-Supporting Electrodes for Water Splitting. <b>2017</b> , 2, 791-802		319
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1038	Metal-Organic Framework Wears a Protective Cover for Improved Stability. <b>2017</b> , 23, 7663-7666		20
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1032	UiO-68-ol NMOF-Based Fluorescent Sensor for Selective Detection of HClO and Its Application in Bioimaging. <b>2017</b> , 56, 13241-13248	38
1031	Two-Dimensional Zeolitic Imidazolate Framework/Carbon Nanotube Hybrid Networks Modified Proton Exchange Membranes for Improving Transport Properties. <b>2017</b> , 9, 35075-35085	80
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1028	Self-assembly of new M(II) coordination polymers based on asymmetric 1,3,4-oxadiazole-containing ligands: effect of counterions and magnetic properties. <b>2017</b> , 19, 5864-5872	14
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1026	Construction of ntt-Type Metal-Organic Framework from C2-Symmetry Hexacarboxylate Linker for Enhanced Methane Storage. <b>2017</b> , 17, 4795-4800	11
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1020	Spin-Canted Antiferromagnetic Ordering in Transition Metal-Organic Frameworks Based on Tetranuclear Clusters with Mixed V- and Y-Shaped Ligands. <b>2017</b> , 17, 4757-4765	54
1019	Nanosheets of Two-Dimensional Magnetic and Conducting Fe(II)/Fe(III) Mixed-Valence Metal-Organic Frameworks. <b>2017</b> , 9, 26210-26218	77
1018	Efficient adsorptive separation of C <sub>3</sub> H <sub>6</sub> over C <sub>3</sub> H <sub>8</sub> on flexible and thermoresponsive CPL-1. <b>2017</b> , 328, 360-367	45

1017	Fine Tuning of MOF-505 Analogues To Reduce Low-Pressure Methane Uptake and Enhance Methane Working Capacity. <b>2017</b> , 129, 11584-11588	20
1016	Fine Tuning of MOF-505 Analogues To Reduce Low-Pressure Methane Uptake and Enhance Methane Working Capacity. <b>2017</b> , 56, 11426-11430	92
1015	Metal-Organic Framework-Derived FeCo-N-Doped Hollow Porous Carbon Nanocubes for Electrocatalysis in Acidic and Alkaline Media. <b>2017</b> , 10, 3019-3024	73
1014	Bimetallic zeolitic imidazolate frameworks for symmetric electrical double-layer supercapacitors with aqueous electrolytes. <b>2017</b> , 207, 129-132	11
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1010	Introduction of Red-Green-Blue Fluorescent Dyes into a Metal-Organic Framework for Tunable White Light Emission. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700778	24 178
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1008	Two transition metal coordination polymers constructed from 1,4-naphthalenedicarboxylate and N/O-donor auxiliary ligands: Syntheses, structures and magnetic property. <b>2017</b> , 85, 105-109	10
1007	Ultrathin Manganese-Based Metal-Organic Framework Nanosheets: Low-Cost and Energy-Dense Lithium Storage Anodes with the Coexistence of Metal and Ligand Redox Activities. <b>2017</b> , 9, 29829-29838	90
1006	Boosting selective oxidation of cyclohexane over a metal-organic framework by hydrophobicity engineering of pore walls. <b>2017</b> , 53, 10026-10029	51
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1004	Constructing semiconductive crystalline microporous materials by Coulomb interactions. <b>2017</b> , 5, 18409-18413 <sub>21</sub>	
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1001	Metal-Organic Framework-Derived Metal Oxide Embedded in Nitrogen-Doped Graphene Network for High-Performance Lithium-Ion Batteries. <b>2017</b> , 9, 43171-43178	50
1000	Substrate-Assisted in Situ Confinement Pyrolysis of Zeolitic Imidazolate Frameworks to Nitrogen-Doped Hierarchical Porous Carbon Nanoframes with Superior Lithium Storage. <b>2017</b> , 9, 42845-42855 <sup>12</sup>	

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998	FeO-AuNPs anchored 2D metal-organic framework nanosheets with DNA regulated switchable peroxidase-like activity. <b>2017</b> , 9, 18699-18710		96
997	Nanoscale MOF/organosilica membranes on tubular ceramic substrates for highly selective gas separation. <b>2017</b> , 10, 1812-1819		73
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986	Impact of moderate ligand hydrolysis on morphology evolution and the morphology-dependent breathing effect performance of MIL-53(Al). <b>2018</b> , 20, 2102-2111		6
985	Photocatalytic Hydrogen Production Coupled with Selective Benzylamine Oxidation over MOF Composites. <b>2018</b> , 57, 5379-5383		249
984	Encapsulating highly catalytically active metal nanoclusters inside porous organic cages. <b>2018</b> , 1, 214-220		209
983	A Metal-Organic Framework with Optimized Porosity and Functional Sites for High Gravimetric and Volumetric Methane Storage Working Capacities. <i>Advanced Materials</i> , <b>2018</b> , 30, e1704792	24	81
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977	A porous and luminescent metal-organic framework containing triazine group for sensing and imaging of Zn <sup>2+</sup> . <b>2018</b> , 266, 1-6	21
976	MOF based fluorescent assay of xanthine oxidase for rapid inhibitor screening with real-time kinetics monitoring. <b>2018</b> , 183, 83-88	17
975	Controllable synthesis of carbon encapsulated iron phosphide nanoparticles for the chemoselective hydrogenation of aromatic nitroarenes to anilines. <b>2018</b> , 5, 1094-1099	19
974	Bifunctional electrocatalysts of MOF-derived Co <sup>II</sup> /C on bamboo-like MnO nanowires for high-performance liquid- and solid-state Zn <sup>air</sup> batteries. <b>2018</b> , 6, 9716-9722	128
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972	A stable electron-deficient metal-organic framework for colorimetric and luminescence sensing of phenols and anilines. <b>2018</b> , 6, 9236-9244	99
971	Solvent-modulation of the structure and dimensionality in lanthanoid-anilato coordination polymers. <b>2018</b> , 47, 6729-6741	17
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969	Room-Temperature Synthesis of Two-Dimensional Metal-Organic Frameworks with Controllable Size and Functionality for Enhanced CO <sub>2</sub> Sorption. <b>2018</b> , 18, 3209-3214	29
968	Lanthanide(Tb <sup>3+</sup> , Eu <sup>3+</sup> )-functionalized a new one dimensional Zn-MOF composite as luminescent probe for highly selectively sensing Fe <sup>3+</sup> . <b>2018</b> , 148, 178-183	18
967	Metal-organic framework-derived one-dimensional porous or hollow carbon-based nanofibers for energy storage and conversion. <b>2018</b> , 5, 394-407	331
966	Insight into the Metal Content-Structure-Property Relationship in Lanthanide Metal-Organic Frameworks: Optical Studies, Magnetism, and Catalytic Performance. <b>2018</b> , 2018, 2452-2460	16
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964	A nanoporous palladium(II) bridged coordination polymer acting as a peroxidase mimic in a method for visual detection of glucose in tear and saliva. <b>2018</b> , 185, 245	17



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962	Photochromic 2D Metal-Organic Framework Nanosheets (MONs): Design, Synthesis, and Functional MON-Ormosil Composite. <b>2018</b> , 4, 1059-1079	57
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944	Recent Advances in Micro-/Nanostructured Metal-Organic Frameworks towards Photonic and Electronic Applications. <b>2018</b> , 24, 6484-6493	30
943	Copper Metal-Organic Framework Nanoparticles Stabilized with Folic Acid Improve Wound Healing in Diabetes. <b>2018</b> , 12, 1023-1032	173
942	Phototriggered Mechanical Movement in A Bipyridinium-based Coordination Polymer Powered by Electron Transfer. <b>2018</b> , 57, 2724-2729	12
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606	Preparation and characterization of tebuconazole metal-organic framework-based microcapsules with dual-microbicidal activity. <b>2019</b> , 359, 225-232	46
605	Metal-organic frameworks: Structures and functional applications. <b>2019</b> , 27, 43-68	321
604	Luminescent MOF nanosheets for enzyme assisted detection of H <sub>2</sub> O <sub>2</sub> and glucose and activity assay of glucose oxidase. <b>2019</b> , 282, 443-448	37

603	High-performance non-enzymatic glucose sensor by hierarchical flower-like nickel(II)-based MOF/carbon nanotubes composite. <b>2019</b> , 96, 41-50	71
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430	Design and synthesis of photoluminescent active interpenetrating metal-organic frameworks using N-2-aryl-1,2,3-triazole ligands. <b>2020</b> , 49, 5429-5433	4
429	Recent Applications of Amorphous Alloys to Design Skeletal Catalysts. <b>2020</b> , 93, 438-454	9
428	Target design and synthesis of three naphthyl-functionalized Copper(II) coordination compounds for their photothermal properties. <b>2020</b> , 508, 119608	3
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425	MOF-derived Fe,Co@NC bifunctional oxygen electrocatalysts for Zn-air batteries. <b>2020</b> , 8, 9355-9363	77
424	Pyridine-modulated Ni/Co bimetallic metal-organic framework nanoplates for electrocatalytic oxygen evolution. <b>2021</b> , 64, 137-148	27

4 <sup>23</sup>	Nitrogen-rich metal-organic framework mediated Cu <sup>II</sup> /MWCNT composite catalysts for the electrochemical reduction of CO <sub>2</sub> . <b>2021</b> , 54, 555-563	7
4 <sup>22</sup>	Cd-Based Metal-Organic Framework for Selective Turn-On Fluorescent DMSO Residual Sensing. <b>2021</b> , 27, 3753-3760	3
4 <sup>21</sup>	Flexible all-solid-state supercapacitor based on polyhedron C-ZIF-8/PANI composite synthesized by unipolar pulse electrodeposition method. <b>2021</b> , 25, 777-787	6
4 <sup>20</sup>	Layer-by-layer self-assembly of hierarchical flower-like HKUST-1-based composite over amino-tethered SBA-15 with synergistic enhancement for CO <sub>2</sub> capture. <b>2021</b> , 413, 127396	7
4 <sup>19</sup>	Incorporation of Active Metal Species in Crystalline Porous Materials for Highly Efficient Synergetic Catalysis. <b>2021</b> , 17, e2003971	16
4 <sup>18</sup>	Rare earth metal-organic frameworks (RE-MOFs): Synthesis, properties, and biomedical applications. <b>2021</b> , 429, 213620	30
4 <sup>17</sup>	Design catalytic space engineering of Ag-Ag bond-based metal organic framework for carbon dioxide fixation reactions. <b>2021</b> , 609, 125529	4
4 <sup>16</sup>	Effect of pyridyl donors from organic ligands versus metalloligands on material design. <b>2021</b> , 8, 1334-1373	7
4 <sup>15</sup>	Confined Thermolysis for Oriented N-Doped Carbon Supported Pd toward Stable Catalytic and Energy Storage Applications. <b>2021</b> , 17, e2002811	4
4 <sup>14</sup>	Magnetic properties and crystal structures of two copper coordination compounds with pentafluorobenzoate ligand. <b>2021</b> , 514, 120019	1
4 <sup>13</sup>	Metal-organic materials with triazine-based ligands: From structures to properties and applications. <b>2021</b> , 427, 213518	18
4 <sup>12</sup>	Synthesis, crystal structures and photo-thermal properties of five naphthyl-functionalized Copper(II) coordination compounds. <b>2021</b> , 514, 120018	1
4 <sup>11</sup>	2-Methylimidazole-modulated UiO-66 as an effective photocatalyst to degrade Rhodamine B under visible light. <b>2021</b> , 56, 1577-1589	3
4 <sup>10</sup>	Multi-dimensional ZnO@MWCNTs assembly derived from MOF-5 heterojunction as highly efficient microwave absorber. <b>2021</b> , 172, 15-25	25
4 <sup>09</sup>	An Imine-Linked Metal-Organic Framework as a Reactive Oxygen Species Generator. <b>2021</b> , 60, 2534-2540	22
4 <sup>08</sup>	Metal-organic framework-derived nanomaterials in environment related fields: Fundamentals, properties and applications. <b>2021</b> , 429, 213618	38
4 <sup>07</sup>	Nitrogen-doped carbon wrapped Co-Mo <sub>2</sub> C dual Mott-Schottky nanosheets with large porosity for efficient water electrolysis. <b>2021</b> , 284, 119738	41
4 <sup>06</sup>	Catalytic Performance of MIL-88B(V) and MIL-101(V) MOFs for the Selective Catalytic Reduction of NO with NH <sub>3</sub> . <b>2021</b> , 13, 940-951	2

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403	Armoring bio-catalysis via structural and functional coordination between nanostructured materials and lipases for tailored applications. <b>2021</b> , 166, 818-838	17
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