

Conductive MOF electrodes for stable supercapacitors v

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Citation Report

#	ARTICLE	IF	CITATIONS
5	Facile synthesis of an accordion-like Ni-MOF superstructure for high-performance flexible supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 19078-19085.	5.2	411
6	Measuring and Reporting Electrical Conductivity in Metal-Organic Frameworks: Cd ₂ (TTFTB) as a Case Study. <i>Journal of the American Chemical Society</i> , 2016, 138, 14772-14782.	6.6	221
7	Modular and Stepwise Synthesis of a Hybrid Metal-Organic Framework for Efficient Electrocatalytic Oxygen Evolution. <i>Journal of the American Chemical Society</i> , 2017, 139, 1778-1781.	6.6	341
8	Recent Progress in Metal-Organic Frameworks for Applications in Electrocatalytic and Photocatalytic Water Splitting. <i>Advanced Science</i> , 2017, 4, 1600371.	5.6	594
9	Metal-Organic Frameworks for Energy Applications. <i>Chem</i> , 2017, 2, 52-80.	5.8	941
10	Porous materials get energized. <i>Nature Materials</i> , 2017, 16, 161-162.	13.3	66
11	Metal-organic frameworks for energy-related applications. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017, 4, 44-49.	3.2	39
12	On-Chip Microsupercapacitors Based on Coordination Polymer Frameworks for Alternating Current Line-Filtering. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6381-6383.	7.2	15
13	Is iron unique in promoting electrical conductivity in MOFs?. <i>Chemical Science</i> , 2017, 8, 4450-4457.	3.7	176
14	Two-dimensional CoNi nanoparticles@S,N-doped carbon composites derived from S,N-containing Co/Ni MOFs for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9873-9881.	5.2	75
15	Molecular Design of Mesoporous NiCo ₂ O ₄ and NiCo ₂ S ₄ with Submicrometer Polyhedron Architectures for Efficient Pseudocapacitive Energy Storage. <i>Advanced Functional Materials</i> , 2017, 27, 1701229.	7.8	230
16	Formation of g-C ₃ N ₄ @Ni(OH) ₂ Honeycomb Nanostructure and Asymmetric Supercapacitor with High Energy and Power Density. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17890-17896.	4.0	187
17	A hierarchical NiO/NiMn-layered double hydroxide nanosheet array on Ni foam for high performance supercapacitors. <i>Dalton Transactions</i> , 2017, 46, 7388-7391.	1.6	88
18	Functionalized Bimetallic Hydroxides Derived from Metal-Organic Frameworks for High-Performance Hybrid Supercapacitor with Exceptional Cycling Stability. <i>ACS Energy Letters</i> , 2017, 2, 1263-1269.	8.8	167
19	Pseudocapacitive titanium oxynitride mesoporous nanowires with iso-oriented nanocrystals for ultrahigh-rate sodium ion hybrid capacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10827-10835.	5.2	94
20	Engineering the Pores of Biomass-Derived Carbon: Insights for Achieving Ultrahigh Stability at High Power in High-Energy Supercapacitors. <i>ChemSusChem</i> , 2017, 10, 2805-2815.	3.6	96
21	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
22	Coordination nanosheets (CONASHs): strategies, structures and functions. <i>Chemical Communications</i> , 2017, 53, 5781-5801.	2.2	144

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23	Designing porous electronic thin-film devices: band offsets and heteroepitaxy. <i>Faraday Discussions</i> , 2017, 201, 207-219.	1.6	36
24	On-Chip-Mikrosuperkondensatoren aus Koordinationspolymeren zur Wechselstromnetzfilterung. <i>Angewandte Chemie</i> , 2017, 129, 6479-6481.	1.6	0
25	Grand Challenges and Future Opportunities for Metal-Organic Frameworks. <i>ACS Central Science</i> , 2017, 3, 554-563.	5.3	311
26	Conductive Metal-Organic Framework Nanowire Array Electrodes for High-Performance Solid-State Supercapacitors. <i>Advanced Functional Materials</i> , 2017, 27, 1702067.	7.8	490
27	Mn ₃ O ₄ /reduced graphene oxide based supercapacitor with ultra-long cycling performance. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12762-12768.	5.2	70
28	Layered manganese-based metal-organic framework as a high capacity electrode material for supercapacitors. <i>RSC Advances</i> , 2017, 7, 29611-29617.	1.7	71
29	Remarkable improvement in the lithium storage property of Co ₂ (OH) ₂ BDC MOF by covalent stitching to graphene and the redox chemistry boosted by delocalized electron spins. <i>Chemical Engineering Journal</i> , 2017, 326, 1000-1008.	6.6	53
30	Nanoarchitecture of MOF-derived nanoporous functional composites for hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15065-15072.	5.2	146
31	Solvent-Induced Assembly of Silver Coordination Polymers (CPs) as Cooperative Catalysts for Synthesizing of Cyclopentenone[b]pyrroles Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 4874-4884.	1.9	31
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34	Layer-by-Layer Assembled Conductive Metal-Organic Framework Nanofilms for Room-Temperature Chemiresistive Sensing. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16510-16514.	7.2	424
35	Metal-organic frameworks as stationary phase for application in chromatographic separation. <i>Journal of Chromatography A</i> , 2017, 1530, 1-18.	1.8	125
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37	Self-Organized Frameworks on Textiles (SOFT): Conductive Fabrics for Simultaneous Sensing, Capture, and Filtration of Gases. <i>Journal of the American Chemical Society</i> , 2017, 139, 16759-16767.	6.6	231
38	Cobalt(II) dicarboxylate-based metal-organic framework for long-cycling and high-rate potassium-ion battery anode. <i>Electrochimica Acta</i> , 2017, 253, 439-444.	2.6	67
39	High-performance supercapacitors of Cu-based porous coordination polymer nanowires and the derived porous CuO nanotubes. <i>Dalton Transactions</i> , 2017, 46, 16821-16827.	1.6	15
40	Layer-by-Layer Assembled Conductive Metal-Organic Framework Nanofilms for Room-Temperature Chemiresistive Sensing. <i>Angewandte Chemie</i> , 2017, 129, 16737-16741.	1.6	98

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42	The Fusion of Imidazolium-Based Ionic Polymer and Carbon Nanotubes: One Type of New Heteroatom-Doped Carbon Precursors for High-Performance Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , 2017, 27, 1703936.	7.8	98
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47	Hierarchical mesoporous Co ₃ O ₄ /C@MoS ₂ core-shell structured materials for electrochemical energy storage with high supercapacitive performance. <i>Synthetic Metals</i> , 2017, 233, 101-110.	2.1	37
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49	Spectroelectrochemistry and electrosynthesis of polypyrrole supercapacitor electrodes based on gamma aluminum oxide and gamma iron (III) oxide nanocomposites. <i>Electrochimica Acta</i> , 2017, 251, 212-222.	2.6	34
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58	New insights and perspectives into biological materials for flexible electronics. <i>Chemical Society Reviews</i> , 2017, 46, 6764-6815.	18.7	322

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60	Improved energy storage, magnetic and electrical properties of aligned, mesoporous and high aspect ratio nanofibers of spinel-NiMn ₂ O ₄ . <i>Applied Surface Science</i> , 2017, 426, 913-923.	3.1	54
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78	Fundamentally Addressing Bromine Storage through Reversible Solid-State Confinement in Porous Carbon Electrodes: Design of a High-Performance Dual-Redox Electrochemical Capacitor. <i>Journal of the American Chemical Society</i> , 2017, 139, 9985-9993.	6.6	115
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80	Sulfur-doped cobalt phosphide nanotube arrays for highly stable hybrid supercapacitor. <i>Nano Energy</i> , 2017, 39, 162-171.	8.2	273
81	Redox active materials for metal compound based hybrid electrochemical energy storage: a perspective view. <i>Applied Surface Science</i> , 2017, 422, 492-497.	3.1	30
82	Drawing Sensors with Ball-Milled Blends of Metal-Organic Frameworks and Graphite. <i>Sensors</i> , 2017, 17, 2192.	2.1	90
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111	Recent advancements in metal organic framework based electrodes for supercapacitors. <i>Science China Materials</i> , 2018, 61, 159-184.	3.5	88
112	Photon Up-Conversion via Epitaxial Surface-Supported Metal-Organic Framework Thin Films with Enhanced Photocurrent. <i>ACS Applied Energy Materials</i> , 2018, 1, 249-253.	2.5	36
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