

# Junwen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40  
papers

5,463  
citations

29  
h-index

41  
g-index

41  
ext. papers

6,457  
ext. citations

13.3  
avg, IF

5.98  
L-index

#	Paper	IF	Citations
40	Nanoporous Graphene a Pressing Organization Calcination Strategy for Highly Efficient Electrocatalytic Hydrogen Peroxide Generation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 47478-47487 <sup>1</sup>	9.5	47487 <sup>1</sup>
39	Microwave-induced heating behavior of Y-TZP ceramics under multiphysics system. <i>Green Processing and Synthesis</i> , <b>2020</b> , 9, 119-130	3.9	2
38	MOFs and COFs for Batteries and Supercapacitors. <i>Electrochemical Energy Reviews</i> , <b>2020</b> , 3, 81-126	29.3	57
37	Synergistic Effects of Inorganic-Organic Protective Layer for Robust Cycling Dendrite-Free Lithium Metal Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 844-850	9.5	12
36	Improving areal capacity of flexible Li <sub>2</sub> CO <sub>2</sub> batteries by constructing a freestanding cathode with monodispersed MnO nanoparticles in N-doped mesoporous carbon nanofibers. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 10354-10362	13	16
35	Water Contaminant Elimination Based on Metal-Organic Frameworks and Perspective on Their Industrial Applications. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 4548-4563	8.3	103
34	Metal-organic frameworks with photocatalytic bactericidal activity for integrated air cleaning. <i>Nature Communications</i> , <b>2019</b> , 10, 2177	17.4	277
33	Monodispersed MnO nanoparticles in graphene-an interconnected N-doped 3D carbon framework as a highly efficient gas cathode in Li <sub>2</sub> CO <sub>2</sub> batteries. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 1046-1054	35.4	69
32	Multivariate MOF-Templated Pomegranate-Like Ni/C as Efficient Bifunctional Electrocatalyst for Hydrogen Evolution and Urea Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 4750-4756	9.5	86
31	Carbon dioxide in the cage: manganese metal-organic frameworks for high performance CO <sub>2</sub> electrodes in Li <sub>2</sub> CO <sub>2</sub> batteries. <i>Energy and Environmental Science</i> , <b>2018</b> , 11, 1318-1325	35.4	121
30	Zinc/Nickel-Doped Hollow Core-Shell Co O Derived from a Metal-Organic Framework with High Capacity, Stability, and Rate Performance in Lithium/Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1651-1656	4.8	32
29	Large-Scale Production of MOF-Derived Coatings for Functional Interlayers in High-Performance Li <sub>2</sub> S Batteries. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 6986-6991	6.1	14
28	Flexible Films of Covalent Organic Frameworks with Ultralow Dielectric Constants under High Humidity. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 16501-16505	16.4	73
27	Flexible Films of Covalent Organic Frameworks with Ultralow Dielectric Constants under High Humidity. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 16739-16743	3.6	23
26	Roll-to-Roll Production of Metal-Organic Framework Coatings for Particulate Matter Removal. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606221	24	192
25	Exfoliation of Covalent Organic Frameworks into Few-Layer Redox-Active Nanosheets as Cathode Materials for Lithium-Ion Batteries. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 4258-4261	16.4	549
24	Emerging crystalline porous materials as a multifunctional platform for electrochemical energy storage. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 6927-6945	58.5	258

23	A Lithium Ion Highway by Surface Coordination Polymerization: In Situ Growth of Metal-Organic Framework Thin Layers on Metal Oxides for Exceptional Rate and Cycling Performance. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11513-11518	4.8	7
22	Three-Dimensional Anionic Cyclodextrin-Based Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 16313-16317	16.4	183
21	Three-Dimensional Anionic Cyclodextrin-Based Covalent Organic Frameworks. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 16531-16535	3.6	42
20	Metal-Organic frameworks for energy storage: Batteries and supercapacitors. <i>Coordination Chemistry Reviews</i> , <b>2016</b> , 307, 361-381	23.2	878
19	Optimization of preparation of CO <sub>3</sub> O <sub>4</sub> by microwave calcination from basic cobalt carbonate. <i>Journal of Microwave Power and Electromagnetic Energy</i> , <b>2016</b> , 50, 138-150	1.4	1
18	Water Purification: Adsorption over Metal-Organic Frameworks. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 175-185	4.9	85
17	Fe/Ni Metal-Organic Frameworks and Their Binder-Free Thin Films for Efficient Oxygen Evolution with Low Overpotential. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 16736-43	9.5	163
16	A Solvent-Free Hot-Pressing Method for Preparing Metal-Organic-Framework Coatings. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3480-3484	3.6	17
15	An effective approach to improve the electrochemical performance of LiNi <sub>0.6</sub> Co <sub>0.2</sub> Mn <sub>0.2</sub> O <sub>2</sub> cathode by an MOF-derived coating. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 5823-5827	13	77
14	Challenges and recent advances in MOF-polymer composite membranes for gas separation. <i>Inorganic Chemistry Frontiers</i> , <b>2016</b> , 3, 896-909	6.8	205
13	Inorganic and organic hybrid solid electrolytes for lithium-ion batteries. <i>CrystEngComm</i> , <b>2016</b> , 18, 4236-4258	4.5	79
12	A Solvent-Free Hot-Pressing Method for Preparing Metal-Organic-Framework Coatings. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3419-23	16.4	160
11	Metal-Organic Frameworks Derived Porous Carbons: Syntheses, Porosity and Gas Sorption Properties. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 157-174	4.9	29
10	A copper(II)-based MOF film for highly efficient visible-light-driven hydrogen production. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 7174-7177	13	45
9	Preparation of Nanofibrous Metal-Organic Framework Filters for Efficient Air Pollution Control. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 5785-8	16.4	417
8	Partitioning MOF-5 into Confined and Hydrophobic Compartments for Carbon Capture under Humid Conditions. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 10100-3	16.4	159
7	Shaping of Metal-Organic Frameworks: From Fluid to Shaped Bodies and Robust Foams. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 10810-3	16.4	129
6	The impact of the particle size of a metal-organic framework for sulfur storage in LiS batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 8272-8275	13	98

5	Opposite particle size effects on the adsorption kinetics of ZIF-8 for gaseous and solution adsorbates. <i>RSC Advances</i> , <b>2015</b> , 5, 58595-58599	3.7	13
4	Metal-Organic Frameworks (MOFs) as Sandwich Coating Cushion for Silicon Anode in Lithium Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 26608-13	9.5	60
3	MOF derived catalysts for electrochemical oxygen reduction. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 14064-14070	13	340
2	Rational design of a metal-organic framework host for sulfur storage in fast, long-cycle LiS batteries. <i>Energy and Environmental Science</i> , <b>2014</b> , 7, 2715	35.4	376
1	Dielectric Properties and Microwave Heating Characteristics of Sodium Chloride at 2.45 GHz. <i>High Temperature Materials and Processes</i> , <b>2013</b> , 32, 587-596	0.9	15