

# Fengjuan Miao

## List of Publications by Year in descending order

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43  
papers

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citations

687220

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h-index

752573

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g-index

43  
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43  
docs citations

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times ranked

607  
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#	ARTICLE	IF	CITATIONS
1	MnO <sub>2</sub> /NiCo <sub>2</sub> O <sub>4</sub> loaded on nickel foam as a high-performance electrode for advanced asymmetric supercapacitor. <i>Vacuum</i> , 2022, 195, 110668.	1.6	20
2	Co <sub>3</sub> O <sub>4</sub> /Zn-Co-Mo Nanomaterials and Their Applications in Supercapacitors and Electrocatalysis Hydrogen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , 2022, 169, 023504.	1.3	2
3	High-performance humidity sensor based on GO/ZnO/plant cellulose film for respiratory monitoring. <i>Ionics</i> , 2022, 28, 2413-2421.	1.2	8
4	Local Privacy Protection for Sensitive Areas in Multiface Images. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-15.	1.1	4
5	Au/ZnS/ZnO Photoelectrochemical Sensor for Sensitive and Selective Cd <sup>2+</sup> Detection. <i>Journal of the Electrochemical Society</i> , 2022, 169, 047512.	1.3	5
6	Carbon Cloth Loaded NiCo <sub>2</sub> O <sub>4</sub> Nano-Arrays to Construct Co-MOF@GO Nanocubes: A High-Performance Electrochemical Sensor for Non-Enzymatic Glucose. <i>IEEE Sensors Journal</i> , 2022, 22, 13898-13907.	2.4	10
7	ZnO/MoS <sub>2</sub> /rGO Nanocomposite Non-Contact Passive and Chip-Less LC Humidity Sensor. <i>IEEE Sensors Journal</i> , 2022, 22, 13891-13897.	2.4	5
8	Passive RFID microstrip antenna sensor for temperature monitoring. <i>Vacuum</i> , 2022, 201, 111108.	1.6	6
9	High sensitivity chipless RFID humidity sensor tags are based on SnO <sub>2</sub> /C nanomaterials. <i>Vacuum</i> , 2022, 202, 111126.	1.6	9
10	Synthesis of functional conjugated microporous polymer/TiO <sub>2</sub> nanocomposites and the mechanism of the photocatalytic degradation of organic pollutants. <i>Journal of Materials Science</i> , 2021, 56, 7936-7950.	1.7	20
11	Core shell structure CoMoO <sub>4</sub> @CuCo <sub>2</sub> O <sub>4</sub> hybrids as advanced electrode materials for high-performance asymmetric supercapacitors. <i>Ionics</i> , 2021, 27, 3627-3637.	1.2	4
12	Synthesis of high-performance conjugated microporous polymer/TiO <sub>2</sub> photocatalytic antibacterial nanocomposites. <i>Materials Science and Engineering C</i> , 2021, 126, 112121.	3.8	30
13	Design of high-performance supercapacitor based on MoS <sub>2</sub> /ZnCo <sub>2</sub> O <sub>4</sub> composite nanoelectrode. <i>Ionics</i> , 2021, 27, 4037-4045.	1.2	2
14	Facile synthesis of ZnO doped with Au nanoparticles for sensitive and reliable photoelectrochemical detection of glucose. <i>Ionics</i> , 2021, 27, 4449-4459.	1.2	3
15	Synthesis of Cis-Cisoid or Cis-Transoid Poly(Phenyl-Acetylene)s Having One or Two Carbamate Groups as Oxygen Permeation Membrane Materials. <i>Membranes</i> , 2020, 10, 199.	1.4	3
16	Heterostructured Co(OH) <sub>2</sub> nanosheet-coated CuCo <sub>2</sub> S <sub>4</sub> nanopencils on nickel foam for electrodes in high-performance supercapacitors. <i>Ionics</i> , 2020, 26, 5241-5249.	1.2	5
17	Synthesis of Well-Defined Chiral Oligopinanylsiloxane Graft Copoly(phenylacetylene)s Using the Macromonomer Method and Their Enantioselective Permeability. <i>ACS Applied Polymer Materials</i> , 2020, 2, 853-861.	2.0	8
18	High-performance anode materials based on 3D orderly and vertically macroporous graphene-Si framework for Li-ion batteries. <i>Ionics</i> , 2019, 25, 467-473.	1.2	4

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19	High-performance symmetric supercapacitor based on flower-like zinc-cobalt-molybdenum hybrid metal oxide. <i>Ionics</i> , 2019, 25, 5419-5427.	1.2	23
20	Electrodeposition manganese oxide on Ni foam loaded graphene for high-performance supercapacitor. <i>Materials Research Express</i> , 2019, 6, 115525.	0.8	4
21	New Synthetic Methods of Novel Nanoporous Polycondensates and Excellent Oxygen Permselectivity of Their Composite Membranes. <i>Nanomaterials</i> , 2019, 9, 859.	1.9	6
22	Hybrid ZnO/graphene electrode with palladium nanoparticles on Ni foam and application to self-powered nonenzymatic glucose sensing. <i>RSC Advances</i> , 2019, 9, 12134-12145.	1.7	16
23	Simultaneous improvement of permeability and selectivity in enantioselective permeation through solid chiral membranes from a newly synthesized one-handed helical polyphenylacetylene with aldehyde pendant groups by enantioselective reaction. <i>Polymer</i> , 2019, 171, 45-49.	1.8	11
24	Co <sub>3</sub> O <sub>4</sub> and Co(OH) <sub>2</sub> loaded graphene on Ni foam for high-performance supercapacitor electrode. <i>Ionics</i> , 2019, 25, 1783-1792.	1.2	13
25	Target Recognition of Synthetic Aperture Radar Images Based on Matching and Similarity Evaluation Between Binary Regions. <i>IEEE Access</i> , 2019, 7, 154398-154413.	2.6	11
26	MnO <sub>2</sub> /ZnCo <sub>2</sub> O <sub>4</sub> with binder-free arrays on nickel foam loaded with graphene as a high performance electrode for advanced asymmetric supercapacitors. <i>RSC Advances</i> , 2019, 9, 32889-32897.	1.7	14
27	Electrodeposited Pd/graphene/ZnO/nickel foam electrode for the hydrogen evolution reaction. <i>RSC Advances</i> , 2019, 9, 33814-33822.	1.7	19
28	Graphene/nano-ZnO hybrid materials modify Ni-foam for high-performance electrochemical glucose sensors. <i>Ionics</i> , 2018, 24, 4005-4014.	1.2	4
29	Synthesis and oxygen permeation of novel well-defined homopoly(phenylacetylene)s with different sizes and shapes of oligosiloxanyl side groups. <i>Journal of Membrane Science</i> , 2018, 561, 26-38.	4.1	13
30	Synthesis and oxygen permeability of novel graft copolymers consisting of a polyphenylacetylene backbone and long oligosiloxane grafts from phenylacetylene-type macromonomers. <i>Polymer</i> , 2018, 156, 66-70.	1.8	10
31	Remote Sensing Image Compression Based on Direction Lifting-Based Block Transform with Content-Driven Quadtree Coding Adaptively. <i>Remote Sensing</i> , 2018, 10, 999.	1.8	10
32	A stable hybrid anode of graphene/silicon nanowires array for high performance lithium-ion battery. <i>Materials Letters</i> , 2018, 228, 262-265.	1.3	16
33	Synthesis of soluble oligosiloxane-end-capped hyperbranched polyazomethine and their application to CO <sub>2</sub> /N <sub>2</sub> separation membranes. <i>Designed Monomers and Polymers</i> , 2018, 21, 99-104.	0.7	5
34	Nonvolatile Bistable Resistive Switching in Polyimide Bearing Trifluoromethyl Film. <i>Nano</i> , 2017, 12, 1750055.	0.5	2
35	Three-dimensional graphene nanosheets supported by NiO/Si-MCP as electrode materials for high-performance supercapacitors. <i>Ionics</i> , 2017, 23, 2185-2191.	1.2	0
36	Photovoltaic properties of oriented ZnO nanowires arrays decorated with TiO <sub>2</sub> shell layer for dye-sensitized solar cell application. <i>Russian Journal of Electrochemistry</i> , 2016, 52, 533-538.	0.3	3

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37	Fabrication of ordered porous silicon nanowires electrode modified with palladium-nickel nanoparticles and electrochemical characteristics in direct alkaline fuel cell of carbohydrates. <i>Ionics</i> , 2016, 22, 1891-1898.	1.2	6
38	Electrooxidation of Formaldehyde Based on Nickel-Palladium Modified Ordered Mesoporous Silicon. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 3104-3109.	0.9	5
39	Nickel-Palladium Nanoparticles for Nonenzymatic Methanol Detection. <i>Analytical Letters</i> , 2012, 45, 1447-1453.	1.0	7
40	Preparation and electrochemistry of Pd-Ni/Si nanowire nanocomposite catalytic anode for direct ethanol fuel cell. <i>Dalton Transactions</i> , 2012, 41, 5055.	1.6	23
41	Preparation and electrochemistry of NiO/SiNW nanocomposite electrodes for electrochemical capacitors. <i>Electrochimica Acta</i> , 2010, 55, 5258-5262.	2.6	55
42	3D ordered NiO/silicon MCP array electrode materials for electrochemical supercapacitors. <i>Materials Research Bulletin</i> , 2009, 44, 1920-1925.	2.7	22
43	Capacitive humidity sensors based on Ni/SiNWs nanocomposites. <i>Sensors and Actuators B: Chemical</i> , 2009, 136, 144-150.	4.0	56