

# Wenbin Fu

## List of Publications by Year in descending order

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28  
papers

1,967  
citations

304743

22  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Flexible Freestanding Porous Carbon Nanofibers for Electrodes Materials of High-Performance All-Carbon Supercapacitors. ACS Applied Materials & Interfaces, 2015, 7, 23515-23520.	8.0	240
2	Construction of hierarchical ZnCo <sub>2</sub> O <sub>4</sub> @Ni <sub>x</sub> Co <sub>2x</sub> (OH) <sub>6x</sub> core/shell nanowire arrays for high-performance supercapacitors. Journal of Materials Chemistry A, 2016, 4, 173-182.	10.3	231
3	Cobalt sulfide nanosheets coated on NiCo <sub>2</sub> S <sub>4</sub> nanotube arrays as electrode materials for high-performance supercapacitors. Journal of Materials Chemistry A, 2015, 3, 10492-10497.	10.3	161
4	Toward efficient photoelectrochemical water-splitting by using screw-like SnO <sub>2</sub> nanostructures as photoanode after being decorated with CdS quantum dots. Nano Energy, 2016, 19, 318-327.	16.0	139
5	Hierarchical Fabric Decorated with Carbon Nanowire/Metal Oxide Nanocomposites for 1.6 V Wearable Aqueous Supercapacitors. Advanced Energy Materials, 2018, 8, 1703454.	19.5	135
6	In situ synthesis of CoS <sub>x</sub> @carbon core-shell nanospheres decorated in carbon nanofibers for capacitor electrodes with superior rate and cycling performances. Carbon, 2017, 114, 187-197.	10.3	120
7	Iron Fluoride@Carbon Nanocomposite Nanofibers as Free-standing Cathodes for High-energy Lithium Batteries. Advanced Functional Materials, 2018, 28, 1801711.	14.9	97
8	Nanostructured CuS networks composed of interconnected nanoparticles for asymmetric supercapacitors. Physical Chemistry Chemical Physics, 2016, 18, 24471-24476.	2.8	82
9	Facile hydrothermal synthesis of flowerlike ZnCo <sub>2</sub> O <sub>4</sub> microspheres as binder-free electrodes for supercapacitors. Materials Letters, 2015, 149, 1-4.	2.6	79
10	Enhanced charge separation and transfer through Fe <sub>2</sub> O <sub>3</sub> /ITO nanowire arrays wrapped with reduced graphene oxide for water-splitting. Nano Energy, 2016, 30, 892-899.	16.0	71
11	Lithium-Iron (III) Fluoride Battery with Double Surface Protection. Advanced Energy Materials, 2018, 8, 1800721.	19.5	67
12	Materials and technologies for multifunctional, flexible or integrated supercapacitors and batteries. Materials Today, 2021, 48, 176-197.	14.2	66
13	Vertically-aligned Co <sub>3</sub> O <sub>4</sub> nanowires interconnected with Co(OH) <sub>2</sub> nanosheets as supercapacitor electrode. Energy, 2017, 139, 1153-1158.	8.8	59
14	Perylenetetracarboxylic diimide as a high-rate anode for potassium-ion batteries. Journal of Materials Chemistry A, 2019, 7, 24454-24461.	10.3	55
15	Bilayer carbon nanowires/nickel cobalt hydroxides nanostructures for high-performance supercapacitors. Materials Letters, 2020, 263, 127217.	2.6	49
16	Honeycomb-like Ni <sub>3</sub> S <sub>2</sub> nanosheet arrays for high-performance hybrid supercapacitors. Electrochimica Acta, 2018, 283, 737-743.	5.2	47
17	Fabrication of porous nanosheet-based Co <sub>3</sub> O <sub>4</sub> hollow nanocubes for electrochemical capacitors with high rate capability. Electrochimica Acta, 2015, 178, 555-563.	5.2	45
18	Anatase TiO <sub>2</sub> Confined in Carbon Nanopores for High-energy Li-ion Hybrid Supercapacitors Operating at High Rates and Subzero Temperatures. Advanced Energy Materials, 2020, 10, 1902993.	19.5	39

#	ARTICLE	IF	CITATIONS
19	Iron Phosphate Coated Flexible Carbon Nanotube Fabric as a Multifunctional Cathode for Na-ion Batteries. <i>Small</i> , 2018, 14, e1703425.	10.0	33
20	Influence of nitrogen concentration on electrical, mechanical, and structural properties of tantalum nitride thin films prepared via DC magnetron sputtering. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, .	2.3	33
21	A nanoconfined iron(III) fluoride cathode in a NaDFOB electrolyte: towards high-performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4091-4098.	10.3	28
22	Growth of zinc cobaltate nanoparticles and nanorods on reduced graphene oxide porous networks toward high-performance supercapacitor electrodes. <i>Journal of Alloys and Compounds</i> , 2016, 668, 1-7.	5.5	24
23	Iron Phosphide Confined in Carbon Nanofibers as a Free-Standing Flexible Anode for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 34074-34083.	8.0	24
24	Cobalt phosphide embedded in a graphene nanosheet network as a high-performance anode for Li-ion batteries. <i>Dalton Transactions</i> , 2019, 48, 7778-7785.	3.3	22
25	Self-assembled microspheres composed of porous ZnO/CoO nanosheets for aqueous hybrid supercapacitors. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 505501.	2.8	15
26	Stability of FeF <sub>3</sub> -Based Sodium-Ion Batteries in Nonflammable Ionic Liquid Electrolytes at Room and Elevated Temperatures. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 33447-33456.	8.0	5
27	Lithium Titanate Confined in Nanoporous Copper for High-Rate Battery Applications. <i>MRS Advances</i> , 2018, 3, 1249-1253.	0.9	1
28	An Overview of Heteroatoms-doped Carbon Nanomaterials for Advanced Energy Storage and Conversion Systems. <i>Current Chinese Chemistry</i> , 2021, 1, .	0.4	0