Shijie Wang

List of Publications by Year
in descending order

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		516561	752573
22	1,270	16	20
papers	citations	h-index	g-index

22	22	22	1885
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of Size-Dependent Submicron Particles Using Metalâ€“Organic Framework-Based Nanofiber Air Filters. ACS Applied Materials & Interfaces, 2022, 14, 23570-23576.	4.0	15
2	Accelerating the Fenton Reaction with a Magnetic Microswarm for Enhanced Water Remediation. ChemNanoMat, 2021, 7, 600-606.	1.5	9
3	Fabrication of Rambutan-like Activated Carbon Sphere/Carbon Nanotubes and Their Application as Supercapacitors. Energy & Fuels, 2021, 35, 8313-8320.	2.5	18
4	Tethered and Untethered 3D Microactuators Fabricated by Two-Photon Polymerization: A Review. Micromachines, 2021, 12, 465.	1.4	33
5	Domino Reaction Encoded Heterogeneous Colloidal Microswarm with Onâ€Demand Morphological Adaptability. Advanced Materials, 2021, 33, e2100070.	11.1	64
6	Influence of fiber diameter, filter thickness, and packing density on PM2.5 removal efficiency of electrospun nanofiber air filters for indoor applications. Building and Environment, 2020, 170, 106628.	3.0	98
7	Graphene-Based Helical Micromotors Constructed by â€œMicroscale Liquid Rope-Coil Effectâ€•with Microfluidics. ACS Nano, 2020, 14, 16600-16613.	7.3	46
8	Electrostatically Fabricated Three-Dimensional Magnetite and MXene Hierarchical Architecture for Advanced Lithium-Ion Capacitors. ACS Applied Materials & Interfaces, 2020, 12, 9226-9235.	4.0	35
9	Effective removal of particles down to 15Ânm using scalable metal-organic framework-based nanofiber filters. Applied Materials Today, 2020, 20, 100653.	2.3	19
10	A general anion exchange strategy to transform metal-organic framework embedded nanofibers into high-performance lithium-ion capacitors. Nano Energy, 2020, 75, 104935.	8.2	32
11	In-situ encapsulation of pseudocapacitive Li2TiSiO5 nanoparticles into fibrous carbon framework for ultrafast and stable lithium storage. Nano Energy, 2019, 55, 173-181.	8.2	55
12	Scalable and sustainable synthesis of carbon microspheres via a purification-free strategy for sodium-ion capacitors. Journal of Power Sources, 2018, 379, 33-40.	4.0	44
13	Graphene-coupled Ti₃C₂MXenes-derived TiO₂mesostructure: promising sodium-ion capacitor anode with fast ion storage and long-term cycling. Journal of Materials Chemistry A, 2018, 6, 1017-1027.	5.2	133
14	Sodium storage in a promising MoS₂â€“carbon anode: elucidating structural and interfacial transitions in the intercalation process and conversion reactions. Nanoscale, 2018, 10, 11165-11175.	2.8	26
15	Metalâ€“organic framework-based nanofiber filters for effective indoor air quality control. Journal of Materials Chemistry A, 2018, 6, 15807-15814.	5.2	169
16	Elucidating the Intercalation Pseudocapacitance Mechanism of MoS₂â€“Carbon Monolayer Interoverlapped Superstructure: Toward High-Performance Sodium-Ion-Based Hybrid Supercapacitor. ACS Applied Materials & Interfaces, 2017, 9, 32745-32755.	4.0	156
17	Engineering layer structure of MoS2-graphene composites with robust and fast lithium storage for high-performance Li-ion capacitors. Energy Storage Materials, 2017, 9, 195-205.	9.5	153
18	Highly porous carbon with large electrochemical ion absorption capability for high-performance supercapacitors and ion capacitors. Nanotechnology, 2017, 28, 445406.	1.3	13

#	Article	IF	Citations
19	Engineering metal organic framework derived 3D nanostructures for high performance hybrid supercapacitors. Journal of Materials Chemistry A, 2017, 5, 292-302.	5.2	118
20	Hierarchically encapsulated MoO<inf>3</inf>@SnO<inf>2</inf> nanobelts as negative electrodes of supercapacitors. , 2017, , .		0
21	Controlled Construction of Hierarchical Nanocomposites Consisting of MnO2and PEDOT for High-Performance Supercapacitor Applications. ChemElectroChem, 2015, 2, 913-913.	1.7	0
22	Controlled Construction of Hierarchical Nanocomposites Consisting of MnO₂ and PEDOT for Highâ€Performance Supercapacitor Applications. ChemElectroChem, 2015, 2, 949-957.	1.7	34