Yuan Gao

List of Publications by Year
in descending order

18	1,556	567281 15	839539 18
papers	citations	h-index	g-index

18	18	18	2669
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rational Design of Liâ€Wicking Hosts for Ultrafast Fabrication of Flexible and Stable Lithium Metal Anodes. Small, 2022, 18, e2105308.	10.0	14
2	Bioinspired Hierarchical Structures for Contactâ€Sensible Adhesives. Advanced Functional Materials, 2022, 32, 2109076.	14.9	30
3	Au-coated carbon fabric as Janus current collector for dendrite-free flexible lithium metal anode and battery. Applied Physics Reviews, 2022, 9, .	11.3	18
4	Fibrous Materials for Flexible Liâ€“S Battery. Advanced Energy Materials, 2021, 11, 2002580.	19.5	85
5	Textile Composite Electrodes for Flexible Batteries and Supercapacitors: Opportunities and Challenges. Advanced Energy Materials, 2021, 11, 2002838.	19.5	78
6	Pathways of Developing Highâ€Energyâ€Density Flexible Lithium Batteries. Advanced Materials, 2021, 33, e2004419.	21.0	68
7	A fluorinated polymer sponge with superhydrophobicity for high-performance biomechanical energy harvesting. Nano Energy, 2021, 85, 106021.	16.0	55
8	Realizing Highâ€Energy and Stable Wireâ€Type Batteries with Flexible Lithiumâ€“Metal Composite Yarns. Advanced Energy Materials, 2021, 11, 2101809.	19.5	32
9	Boosting the Energy Density of Flexible Asymmetric Supercapacitor with Three Dimensional Fe2O3 Composite Brush Anode. Chemical Research in Chinese Universities, 2020, 36, 97-104.	2.6	9
10	Printable Fabrication of a Fully Integrated and Selfâ€Powered Sensor System on Plastic Substrates. Advanced Materials, 2019, 31, e1804285.	21.0	148
11	Recent progress on printable power supply devices and systems with nanomaterials. Nano Research, 2018, 11, 3065-3087.	10.4	60
12	Printable Fabrication of Nanocoralâ€Structured Electrodes for Highâ€Performance Flexible and Planar Supercapacitor with Artistic Design. Advanced Materials, 2017, 29, 1701736.	21.0	125
13	Accelerating ion diffusion with unique three-dimensionally interconnected nanopores for self-membrane high-performance pseudocapacitors. Nanoscale, 2017, 9, 18311-18317.	5.6	12
14	Three-dimensional nanotube electrode arrays for hierarchical tubular structured high-performance pseudocapacitors. Nanoscale, 2016, 8, 13280-13287.	5.6	23
15	A Highly Controllable Electrochemical Anodization Process to Fabricate Porous Anodic Aluminum Oxide Membranes. Nanoscale Research Letters, 2015, 10, 495.	5.7	34
16	Highly flexible and transferable supercapacitors with ordered three-dimensional MnO₂/Au/MnO₂ nanospike arrays. Journal of Materials Chemistry A, 2015, 3, 10199-10204.	10.3	53
17	Transferable self-welding silver nanowire network as high performance transparent flexible electrode. Nanotechnology, 2013, 24, 335202.	2.6	116
18	Fiber-Based All-Solid-State Flexible Supercapacitors for Self-Powered Systems. ACS Nano, 2012, 6, 9200-9206.	14.6	596