Jian Pan

List of Publications by Year
in descending order

15	1,636	623734 14	996975 15
papers	citations	h-index	g-index

15	15	15	2816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gel Polymer Electrolytes for Electrochemical Energy Storage. Advanced Energy Materials, 2018, 8, 1702184.	19.5	674
2	Weaving Sensing Fibers into Electrochemical Fabric for Realâ€Time Health Monitoring. Advanced Functional Materials, 2018, 28, 1804456.	14.9	216
3	A Liâ€“Air Battery with Ultralong Cycle Life in Ambient Air. Advanced Materials, 2018, 30, 1704378.	21.0	113
4	A coaxial triboelectric nanogenerator fiber for energy harvesting and sensing under deformation. Journal of Materials Chemistry A, 2017, 5, 6032-6037.	10.3	98
5	Design of Helically Double-Leveled Gaps for Stretchable Fiber Strain Sensor with Ultralow Detection Limit, Broad Sensing Range, and High Repeatability. ACS Applied Materials & Interfaces, 2019, 11, 4345-4352.	8.0	91
6	Stretchable lithium-air batteries for wearable electronics. Journal of Materials Chemistry A, 2016, 4, 13419-13424.	10.3	82
7	A triboelectric textile templated by a three-dimensionally penetrated fabric. Journal of Materials Chemistry A, 2016, 4, 6077-6083.	10.3	71
8	Mechanochromic and thermochromic shape memory photonic crystal films based on core/shell nanoparticles for smart monitoring. Nanoscale, 2019, 11, 20015-20023.	5.6	63
9	Stretchable and Energyâ€Efficient Heating Carbon Nanotube Fiber by Designing a Hierarchically Helical Structure. Small, 2018, 14, 1702926.	10.0	57
10	Chemicalâ€toâ€Electricity Carbon: Water Device. Advanced Materials, 2018, 30, e1707635.	21.0	45
11	A Lithiumâ€“Air Battery Stably Working at High Temperature with High Rate Performance. Small, 2018, 14, 1703454.	10.0	44
12	Elastic and wearable ring-type supercapacitors. Journal of Materials Chemistry A, 2016, 4, 3217-3222.	10.3	34
13	A Novel Photoelectric Conversion Yarn by Integrating Photomechanical Actuation and the Electrostatic Effect. Advanced Materials, 2016, 28, 10744-10749.	21.0	31
14	A flexible solid-state supercapacitor with extreme low-temperature tolerance based on an ion conducting ice gel electrolyte. Journal of Materials Chemistry A, 2022, 10, 7036-7047.	10.3	16
15	Sulfur resilient nickel based catalysts for steam reforming of jet fuel. Catalysis Science and Technology, 2020, 10, 8429-8436.	4.1	1