

# Jian Pan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10090439/publications.pdf>

Version: 2024-02-01

15  
papers

1,636  
citations

623734

14  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2816  
citing authors

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