

# Mingqiang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

722  
citations

687363

13  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

953  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial characterization, control and modification of carbon fiber reinforced polymer composites. <i>Composites Science and Technology</i> , 2015, 121, 56-72.	7.8	209
2	Improved mechanical properties of carbon fiber-reinforced epoxy composites by growing carbon black on carbon fiber surface. <i>Composites Science and Technology</i> , 2017, 149, 75-80.	7.8	98
3	Biomorphic structural batteries for robotics. <i>Science Robotics</i> , 2020, 5, .	17.6	67
4	Biomimetic Solid-State Zn <sup>2+</sup> Electrolyte for Corrugated Structural Batteries. <i>ACS Nano</i> , 2019, 13, 1107-1115.	14.6	66
5	2D Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene/aramid nanofibers composite films prepared via a simple filtration method with excellent mechanical and electromagnetic interference shielding properties. <i>Ceramics International</i> , 2020, 46, 6199-6204.	4.8	53
6	Rechargeable Aqueous Zinc-Manganese Dioxide/Graphene Batteries with High Rate Capability and Large Capacity. <i>ACS Applied Energy Materials</i> , 2020, 3, 1742-1748.	5.1	46
7	Multifactorial engineering of biomimetic membranes for batteries with multiple high-performance parameters. <i>Nature Communications</i> , 2022, 13, 278.	12.8	36
8	PAI/MXene sizing-based dual functional coating for carbon fiber/PEEK composite. <i>Composites Science and Technology</i> , 2021, 201, 108496.	7.8	32
9	One-pot in situ polymerization of graphene oxide nanosheets and poly(p-phenylenebenzobisoxazole) with enhanced mechanical and thermal properties. <i>Composites Science and Technology</i> , 2017, 141, 16-23.	7.8	24
10	Facile method to functionalize graphene oxide nanoribbons and its application to Poly(p-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	7.8	19
11	3D Porous Sponge-Inspired Electrode for High-Energy and High-Power Zinc-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 1833-1839.	5.1	17
12	Aramid nanofiber-based porous membrane for suppressing dendrite growth of metal-ion batteries with enhanced electrochemistry performance. <i>Chemical Engineering Journal</i> , 2021, 426, 131924.	12.7	17
13	Construction of three-dimensional carbon framework-loaded silicon nanoparticles anchored by carbon film for high-performance lithium-ion battery anode materials. <i>Nano Research</i> , 2022, 15, 6168-6175.	10.4	16
14	A Facile Route to Synthesize Nanographene Reinforced PBO Composites Fiber via in Situ Polymerization. <i>Polymers</i> , 2016, 8, 251.	4.5	11
15	Fabrication of light, flexible and multifunctional graphene nanoribbon fibers via a 3D solution printing method. <i>Nanotechnology</i> , 2016, 27, 465702.	2.6	11