Wei Chen

List of Publications by Year
in descending order

11 papers	1,609 citations	840776 11 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	1617 citing authors

#	Article	IF	Citations
1	Tough and electrically conductive Ti3C2T MXeneâ€“based coreâ€“shell fibers for highâ€“performance electromagnetic interference shielding and heating application. Chemical Engineering Journal, 2022, 430, 133074.	12.7	43
2	Functional Polyaniline/MXene/Cotton Fabrics with Acid/Alkali-Responsive and Tunable Electromagnetic Interference Shielding Performances. ACS Applied Materials & Interfaces, 2022, 14, 12703-12712.	8.0	58
3	Super-Tough and Environmentally Stable Aramid. Nanofiber@MXene Coaxial Fibers with Outstanding Electromagnetic Interference Shielding Efficiency. Nano-Micro Letters, 2022, 14, 111.	27.0	70
4	Transparent, conductive and flexible MXene grid/silver nanowire hierarchical films for high-performance electromagnetic interference shielding. Journal of Materials Chemistry A, 2022, 10, 14364-14373.	10.3	28
5	Self-Locomotive Soft Actuator Based on Asymmetric Microstructural Ti₃C₂T_x MXene Film Driven by Natural Sunlight Fluctuation. ACS Nano, 2021, 15, 5294-5306.	14.6	103
6	Kirigami-Inspired Highly Stretchable, Conductive, and Hierarchical Ti₃C₂T_x MXene Films for Efficient Electromagnetic Interference Shielding and Pressure Sensing. ACS Nano, 2021, 15, 7668-7681.	14.6	187
7	Multifunctional Ti₃C₂T_x MXene/Low-Density Polyethylene Soft Robots with Programmable Configuration for Amphibious Motions. ACS Applied Materials & Interfaces, 2021, 13, 45833-45842.	8.0	29
8	Ultrastrong and Highly Conductive MXeneâ€Based Films for Highâ€Performance Electromagnetic Interference Shielding. Advanced Electronic Materials, 2020, 6, 1901094.	5.1	120
9	Flexible, Transparent, and Conductive Ti₃C₂T_x MXeneâ€“Silver Nanowire Films with Smart Acoustic Sensitivity for High-Performance Electromagnetic Interference Shielding. ACS Nano, 2020, 14, 16643-16653.	14.6	270
10	Flexible and Multifunctional Silk Textiles with Biomimetic Leafâ€Like MXene/Silver Nanowire Nanostructures for Electromagnetic Interference Shielding, Humidity Monitoring, and Selfâ€Derived Hydrophobicity. Advanced Functional Materials, 2019, 29, 1905197.	14.9	490
11	Electrically and Sunlightâ€Driven Actuator with Versatile Biomimetic Motions Based on Rolled Carbon Nanotube Bilayer Composite. Advanced Functional Materials, 2017, 27, 1704388.	14.9	211