

# Wei Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4721515/publications.pdf>

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11  
papers

1,609  
citations

840776

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1281871

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11  
docs citations

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times ranked

1617  
citing authors

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