

Ji Liu

List of Publications by Year in descending order

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12
papers

3,993
citations

759233

12
h-index

1199594

12
g-index

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all docs

12
docs citations

12
times ranked

3780
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophobic, Flexible, and Lightweight MXene Foams for High-Performance Electromagnetic Interference Shielding. <i>Advanced Materials</i> , 2017, 29, 1702367.	21.0	1,364
2	Highly Conductive Transition Metal Carbide/Carbonitride(MXene)@polystyrene Nanocomposites Fabricated by Electrostatic Assembly for Highly Efficient Electromagnetic Interference Shielding. <i>Advanced Functional Materials</i> , 2017, 27, 1702807.	14.9	620
3	Multifunctional and Water-Resistant MXene-Decorated Polyester Textiles with Outstanding Electromagnetic Interference Shielding and Joule Heating Performances. <i>Advanced Functional Materials</i> , 2019, 29, 1806819.	14.9	584
4	Multifunctional, Superelastic, and Lightweight MXene/Polyimide Aerogels. <i>Small</i> , 2018, 14, e1802479.	10.0	418
5	Identifying Electrocatalytic Sites of the Nanoporous Copper-Ruthenium Alloy for Hydrogen Evolution Reaction in Alkaline Electrolyte. <i>ACS Energy Letters</i> , 2020, 5, 192-199.	17.4	209
6	Multifunctional Ti ₃ C ₂ T _x MXene Composite Hydrogels with Strain Sensitivity toward Absorption-Dominated Electromagnetic-Interference Shielding. <i>ACS Nano</i> , 2021, 15, 1465-1474.	14.6	194
7	Highly Stable 3D Ti ₃ C ₂ T _x MXene-Based Foam Architectures toward High-Performance Terahertz Radiation Shielding. <i>ACS Nano</i> , 2020, 14, 2109-2117.	14.6	189
8	Superelastic and multifunctional graphene-based aerogels by interfacial reinforcement with graphitized carbon at high temperatures. <i>Carbon</i> , 2018, 132, 95-103.	10.3	128
9	Ultrastrong and Highly Conductive MXene-Based Films for High-Performance Electromagnetic Interference Shielding. <i>Advanced Electronic Materials</i> , 2020, 6, 1901094.	5.1	120
10	Electrically conductive aluminum ion-reinforced MXene films for efficient electromagnetic interference shielding. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1673-1678.	5.5	83
11	Bioinspired Fe ₃ C@C as Highly Efficient Electrocatalyst for Nitrogen Reduction Reaction under Ambient Conditions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40062-40068.	8.0	57
12	A self-reconstructed (oxy)hydroxide@nanoporous metal phosphide electrode for high-performance rechargeable zinc batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21069-21078.	10.3	27