

# Qiu Jiang

## List of Publications by Citations

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39  
papers

3,807  
citations

28  
h-index

43  
g-index

43  
ext. papers

5,127  
ext. citations

18  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
39	All Pseudocapacitive MXene-RuO <sub>2</sub> Asymmetric Supercapacitors. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1703043	21.8	459
38	Selenide-Based Electrocatalysts and Scaffolds for Water Oxidation Applications. <i>Advanced Materials</i> , <b>2016</b> , 28, 77-85	24	446
37	MXenes stretch hydrogel sensor performance to new limits. <i>Science Advances</i> , <b>2018</b> , 4, eaat0098	14.3	334
36	Low temperature synthesis of ternary metal phosphides using plasma for asymmetric supercapacitors. <i>Nano Energy</i> , <b>2017</b> , 35, 331-340	17.1	242
35	MXene electrochemical microsupercapacitor integrated with triboelectric nanogenerator as a wearable self-charging power unit. <i>Nano Energy</i> , <b>2018</b> , 45, 266-272	17.1	236
34	Continuous production of pure liquid fuel solutions via electrocatalytic CO <sub>2</sub> reduction using solid-electrolyte devices. <i>Nature Energy</i> , <b>2019</b> , 4, 776-785	62.3	226
33	Large Dielectric Constant Enhancement in MXene Percolative Polymer Composites. <i>ACS Nano</i> , <b>2018</b> , 12, 3369-3377	16.7	181
32	A MXene-Based Wearable Biosensor System for High-Performance In Vitro Perspiration Analysis. <i>Small</i> , <b>2019</b> , 15, e1901190	11	157
31	Asymmetric supercapacitors with metal-like ternary selenides and porous graphene electrodes. <i>Nano Energy</i> , <b>2016</b> , 24, 78-86	17.1	139
30	MXene hydrogels: fundamentals and applications. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 7229-7251	58.5	135
29	MXene Printing and Patterned Coating for Device Applications. <i>Advanced Materials</i> , <b>2020</b> , 32, e1908486	24	116
28	Lignin Laser Lithography: A Direct-Write Method for Fabricating 3D Graphene Electrodes for Microsupercapacitors. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1801840	21.8	111
27	Review of MXene electrochemical microsupercapacitors. <i>Energy Storage Materials</i> , <b>2020</b> , 27, 78-95	19.4	105
26	Laser-derived graphene: A three-dimensional printed graphene electrode and its emerging applications. <i>Nano Today</i> , <b>2019</b> , 24, 81-102	17.9	86
25	Hybrid Microsupercapacitors with Vertically Scaled 3D Current Collectors Fabricated using a Simple Cut-and-Transfer Strategy. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1601257	21.8	65
24	Tuning the Electrochemical Performance of Titanium Carbide MXene by Controllable In Situ Anodic Oxidation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 17849-17855	16.4	64
23	On-Chip MXene Microsupercapacitors for AC-Line Filtering Applications. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1901061	21.8	64

22	A general strategy for the fabrication of high performance microsupercapacitors. <i>Nano Energy</i> , <b>2015</b> , 16, 1-9	17.1	63
21	3D Laser Scribed Graphene Derived from Carbon Nanospheres: An Ultrahigh-Power Electrode for Supercapacitors. <i>Small Methods</i> , <b>2019</b> , 3, 1900005	12.8	47
20	Ultrasound-Driven Two-Dimensional TiCT MXene Hydrogel Generator. <i>ACS Nano</i> , <b>2020</b> , 14, 3199-3207	16.7	43
19	Anomalous Li Storage Capability in Atomically Thin Two-Dimensional Sheets of Nonlayered MoO. <i>Nano Letters</i> , <b>2018</b> , 18, 1506-1515	11.5	43
18	Marker Pen Lithography for Flexible and Curvilinear On-Chip Energy Storage. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 4976-4984	15.6	43
17	Copper-catalysed exclusive CO to pure formic acid conversion via single-atom alloying. <i>Nature Nanotechnology</i> , <b>2021</b> ,	28.7	43
16	Micro-Pseudocapacitors with Electroactive Polymer Electrodes: Toward AC-Line Filtering Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 12748-55	9.5	42
15	Monolithic laser scribed graphene scaffolds with atomic layer deposited platinum for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 20422-20427	13	37
14	Enhancement of Dielectric Permittivity of TiCT MXene/Polymer Composites by Controlling Flake Size and Surface Termination. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 27358-27362	9.5	36
13	Fractal Electrochemical Microsupercapacitors. <i>Advanced Electronic Materials</i> , <b>2017</b> , 3, 1700185	6.4	34
12	Energy Harvesting-Storage Bracelet Incorporating Electrochemical Microsupercapacitors Self-Charged from a Single Hand Gesture. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1900152	21.8	30
11	Recyclable cobalt-molybdenum bimetallic carbide modified separator boosts the polysulfide adsorption-catalysis of lithium sulfur battery. <i>Science China Materials</i> , <b>2020</b> , 63, 2443-2455	7.1	28
10	Inherent electrochemistry and charge transfer properties of few-layered two-dimensional TiCT MXene. <i>Nanoscale</i> , <b>2018</b> , 10, 17030-17037	7.7	28
9	Wettability-Driven Assembly of Electrochemical Microsupercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 20905-20914	9.5	24
8	Integration of Electrochemical Microsupercapacitors with Thin Film Electronics for On-Chip Energy Storage. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807450	24	20
7	Rational Design of 2D Manganese Phosphate Hydrate Nanosheets as Pseudocapacitive Electrodes. <i>ACS Energy Letters</i> , <b>2020</b> , 5, 23-30	20.1	20
6	Tuning the Electrochemical Performance of Titanium Carbide MXene by Controllable In Situ Anodic Oxidation. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 18013-18019	3.6	17
5	Surface and Interface Engineering of Zn Anodes in Aqueous Rechargeable Zn-Ion Batteries.. <i>Small</i> , <b>2022</b> , e2200006	11	11

4	Solid state MXene based electrostatic fractional capacitors. <i>Applied Physics Letters</i> , <b>2019</b> , 114, 232903	3.4	10
3	General Top-Down Ion Exchange Process for the Growth of Epitaxial Chalcogenide Thin Films and Devices. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 690-698	9.6	7
2	Flexible Lithography: Marker Pen Lithography for Flexible and Curvilinear On-Chip Energy Storage (Adv. Funct. Mater. 31/2015). <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 5076-5076	15.6	1
1	Supercapacitors <b>2022</b> , 383-417		0