

Qiu Jiang

List of Publications by Year in descending order

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40
papers

6,669
citations

126901

33
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276858

41
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43
all docs

43
docs citations

43
times ranked

8087
citing authors

#	ARTICLE	IF	CITATIONS
1	All Pseudocapacitive MXene RuO_2 Asymmetric Supercapacitors. <i>Advanced Energy Materials</i> , 2018, 8, 1703043.	19.5	757
2	MXenes stretch hydrogel sensor performance to new limits. <i>Science Advances</i> , 2018, 4, eaat0098.	10.3	556
3	Selenide S -Based Electrocatalysts and Scaffolds for Water Oxidation Applications. <i>Advanced Materials</i> , 2016, 28, 77-85.	21.0	544
4	Continuous production of pure liquid fuel solutions via electrocatalytic CO ₂ reduction using solid-electrolyte devices. <i>Nature Energy</i> , 2019, 4, 776-785.	39.5	458
5	MXene hydrogels: fundamentals and applications. <i>Chemical Society Reviews</i> , 2020, 49, 7229-7251.	38.1	368
6	Large Dielectric Constant Enhancement in MXene Percolative Polymer Composites. <i>ACS Nano</i> , 2018, 12, 3369-3377.	14.6	334
7	MXene electrochemical microsupercapacitor integrated with triboelectric nanogenerator as a wearable self-charging power unit. <i>Nano Energy</i> , 2018, 45, 266-272.	16.0	333
8	Low temperature synthesis of ternary metal phosphides using plasma for asymmetric supercapacitors. <i>Nano Energy</i> , 2017, 35, 331-340.	16.0	324
9	Copper-catalysed exclusive CO ₂ to pure formic acid conversion via single-atom alloying. <i>Nature Nanotechnology</i> , 2021, 16, 1386-1393.	31.5	282
10	A MXene S -Based Wearable Biosensor System for High S -Performance In Vitro Perspiration Analysis. <i>Small</i> , 2019, 15, e1901190.	10.0	280
11	MXene Printing and Patterned Coating for Device Applications. <i>Advanced Materials</i> , 2020, 32, e1908486.	21.0	239
12	Review of MXene electrochemical microsupercapacitors. <i>Energy Storage Materials</i> , 2020, 27, 78-95.	18.0	223
13	Asymmetric supercapacitors with metal-like ternary selenides and porous graphene electrodes. <i>Nano Energy</i> , 2016, 24, 78-86.	16.0	180
14	Lignin Laser Lithography: A Direct S -Write Method for Fabricating 3D Graphene Electrodes for Microsupercapacitors. <i>Advanced Energy Materials</i> , 2018, 8, 1801840.	19.5	179
15	Up S -cycling CO ₂ into energy-rich long-chain compounds via electrochemical and metabolic engineering. <i>Nature Catalysis</i> , 2022, 5, 388-396.	34.4	153
16	Laser-derived graphene: A three-dimensional printed graphene electrode and its emerging applications. <i>Nano Today</i> , 2019, 24, 81-102.	11.9	138
17	Tuning the Electrochemical Performance of Titanium Carbide MXene by Controllable In Situ Anodic Oxidation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17849-17855.	13.8	117
18	On S -Chip MXene Microsupercapacitors for AC S -Line Filtering Applications. <i>Advanced Energy Materials</i> , 2019, 9, 1901061.	19.5	113

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19	Surface and Interface Engineering of Zn Anodes in Aqueous Rechargeable Zn-Ion Batteries. <i>Small</i> , 2022, 18, e2200006.	10.0	105
20	Ultrasound-Driven Two-Dimensional Ti ₃ C ₂ T _x MXene Hydrogel Generator. <i>ACS Nano</i> , 2020, 14, 3199-3207.	14.6	91
21	Hybrid Microsupercapacitors with Vertically Scaled 3D Current Collectors Fabricated using a Simple Cut-and-Transfer Strategy. <i>Advanced Energy Materials</i> , 2017, 7, 1601257.	19.5	75
22	Anomalous Li Storage Capability in Atomically Thin Two-Dimensional Sheets of Nonlayered MoO ₂ . <i>Nano Letters</i> , 2018, 18, 1506-1515.	9.1	74
23	A general strategy for the fabrication of high performance microsupercapacitors. <i>Nano Energy</i> , 2015, 16, 1-9.	16.0	72
24	Recyclable cobalt-molybdenum bimetallic carbide modified separator boosts the polysulfide adsorption-catalysis of lithium sulfur battery. <i>Science China Materials</i> , 2020, 63, 2443-2455.	6.3	69
25	Enhancement of Dielectric Permittivity of Ti ₃ C ₂ T _x MXene/Polymer Composites by Controlling Flake Size and Surface Termination. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27358-27362.	8.0	68
26	3D Laser Scribed Graphene Derived from Carbon Nanospheres: An Ultrahigh-Power Electrode for Supercapacitors. <i>Small Methods</i> , 2019, 3, 1900005.	8.6	64
27	Micro-Pseudocapacitors with Electroactive Polymer Electrodes: Toward AC-Line Filtering Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12748-12755.	8.0	52
28	Marker Pen Lithography for Flexible and Curvilinear On-Chip Energy Storage. <i>Advanced Functional Materials</i> , 2015, 25, 4976-4984.	14.9	50
29	Monolithic laser scribed graphene scaffolds with atomic layer deposited platinum for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20422-20427.	10.3	48
30	Fractal Electrochemical Microsupercapacitors. <i>Advanced Electronic Materials</i> , 2017, 3, 1700185.	5.1	48
31	Energy Harvesting&Storage Bracelet Incorporating Electrochemical Microsupercapacitors Self-Charged from a Single Hand Gesture. <i>Advanced Energy Materials</i> , 2019, 9, 1900152.	19.5	47
32	Inherent electrochemistry and charge transfer properties of few-layered two-dimensional Ti ₃ C ₂ T _x MXene. <i>Nanoscale</i> , 2018, 10, 17030-17037.	5.6	46
33	Tuning the Electrochemical Performance of Titanium Carbide MXene by Controllable In Situ Anodic Oxidation. <i>Angewandte Chemie</i> , 2019, 131, 18013-18019.	2.0	38
34	Wettability-Driven Assembly of Electrochemical Microsupercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20905-20914.	8.0	37
35	Rational Design of 2D Manganese Phosphate Hydrate Nanosheets as Pseudocapacitive Electrodes. <i>ACS Energy Letters</i> , 2020, 5, 23-30.	17.4	37
36	Integration of Electrochemical Microsupercapacitors with Thin Film Electronics for On-Chip Energy Storage. <i>Advanced Materials</i> , 2019, 31, e1807450.	21.0	32

#	ARTICLE	IF	CITATIONS
37	Solid state MXene based electrostatic fractional capacitors. Applied Physics Letters, 2019, 114, .	3.3	16
38	General Top-Down Ion Exchange Process for the Growth of Epitaxial Chalcogenide Thin Films and Devices. Chemistry of Materials, 2017, 29, 690-698.	6.7	9
39	Supercapacitors. , 2022, , 383-417.		7
40	Flexible Lithography: Marker Pen Lithography for Flexible and Curvilinear On-Chip Energy Storage (Adv. Funct. Mater. 31/2015). Advanced Functional Materials, 2015, 25, 5076-5076.	14.9	1