

Fangwang Ming

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37
papers

2,708
citations

26
h-index

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g-index

40
ext. papers

3,672
ext. citations

14.9
avg, IF

5.79
L-index

#	Paper	IF	Citations
37	Layered Mg _x V ₂ O ₅ ·nH ₂ O as Cathode Material for High-Performance Aqueous Zinc Ion Batteries. <i>ACS Energy Letters</i> , 2018 , 3, 2602-2609	20.1	381
36	MOF-derived Co-doped nickel selenide/C electrocatalysts supported on Ni foam for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 15148-15155	13	236
35	Aqueous Zinc-Ion Storage in MoS ₂ by Tuning the Intercalation Energy. <i>Nano Letters</i> , 2019 , 19, 3199-3206	11.5	223
34	Prussian Blue Analogues Derived Penroseite (Ni,Co)Se ₂ Nanocages Anchored on 3D Graphene Aerogel for Efficient Water Splitting. <i>ACS Catalysis</i> , 2017 , 7, 6394-6399	13.1	177
33	Efficient Overall Water-Splitting Electrocatalysis Using Lepidocrocite VOOH Hollow Nanospheres. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 573-577	16.4	170
32	Solution Growth of Vertical VS ₂ Nanoplate Arrays for Electrocatalytic Hydrogen Evolution. <i>Chemistry of Materials</i> , 2016 , 28, 5587-5591	9.6	141
31	Two-Dimensional TiCT MXene Membranes as Nanofluidic Osmotic Power Generators. <i>ACS Nano</i> , 2019 , 13, 8917-8925	16.7	117
30	Sodium-ion battery anodes: Status and future trends. <i>EnergyChem</i> , 2019 , 1, 100012	36.9	116
29	Porous MXenes enable high performance potassium ion capacitors. <i>Nano Energy</i> , 2019 , 62, 853-860	17.1	115
28	Lignin Laser Lithography: A Direct-Write Method for Fabricating 3D Graphene Electrodes for Microsupercapacitors. <i>Advanced Energy Materials</i> , 2018 , 8, 1801840	21.8	111
27	MXene based self-assembled cathode and antifouling separator for high-rate and dendrite-inhibited LiB battery. <i>Nano Energy</i> , 2019 , 61, 478-485	17.1	85
26	MXenes for Rechargeable Batteries Beyond the Lithium-Ion. <i>Advanced Materials</i> , 2021 , 33, e2004039	24	71
25	Solution synthesis of VSe ₂ nanosheets and their alkali metal ion storage performance. <i>Nano Energy</i> , 2018 , 53, 11-16	17.1	69
24	NiCo/NiCoDH and NiFe/NiFeDH core shell nanostructures for water splitting electrocatalysis at large currents. <i>Applied Catalysis B: Environmental</i> , 2020 , 278, 119326	21.8	68
23	Partially Reduced Holey Graphene Oxide as High Performance Anode for Sodium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1803215	21.8	68
22	Hierarchical (Ni,Co)Se ₂ /Carbon Hollow Rhombic Dodecahedra Derived from Metal-Organic Frameworks for Efficient Water-Splitting Electrocatalysis. <i>Electrochimica Acta</i> , 2017 , 250, 167-173	6.7	51
21	Efficient Overall Water-Splitting Electrocatalysis Using Lepidocrocite VOOH Hollow Nanospheres. <i>Angewandte Chemie</i> , 2017 , 129, 588-592	3.6	50

20	MXene Derived Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 20037-20042	49
19	3D Laser Scribed Graphene Derived from Carbon Nanospheres: An Ultrahigh-Power Electrode for Supercapacitors. <i>Small Methods</i> , 2019 , 3, 1900005	12.8 47
18	Applications of Plasma in Energy Conversion and Storage Materials. <i>Advanced Energy Materials</i> , 2018 , 8, 1801804	21.8 47
17	Heterostructured MXene and g-C3N4 for high-rate lithium intercalation. <i>Nano Energy</i> , 2019 , 65, 104030	17.1 37
16	Bimetallic MnCo selenide yolk shell structures for efficient overall water splitting. <i>Electrochimica Acta</i> , 2018 , 290, 82-89	6.7 35
15	Selective Toluene Detection with MoCT MXene at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 57218-57227	9.5 28
14	Dandelion-like ZnS/carbon quantum dots hybrid materials with enhanced photocatalytic activity toward organic pollutants. <i>RSC Advances</i> , 2016 , 6, 31551-31558	3.7 26
13	Three-dimensional porous aerogel constructed by Bi2WO6 nanosheets and graphene with excellent visible-light photocatalytic performance. <i>Materials Letters</i> , 2016 , 179, 52-56	3.3 26
12	MXene-Derived Ferroelectric Crystals. <i>Advanced Materials</i> , 2019 , 31, e1806860	24 26
11	Co-Solvent Electrolyte Engineering for Stable Anode-Free Zinc Metal Batteries.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4 24
10	Anisotropic Growth of Al-Intercalated Vanadate by Tuning Surface Hydrophilicity for High-Rate Zn-Ion Storage. <i>Small Structures</i> , 2020 , 1, 2000040	8.7 23
9	Covalent Assembly of Two-Dimensional COF-on-MXene Heterostructures Enables Fast Charging Lithium Hosts. <i>Advanced Functional Materials</i> , 2021 , 31, 2101194	15.6 16
8	All nitride asymmetric supercapacitors of niobium titanium nitride-vanadium nitride. <i>Journal of Power Sources</i> , 2021 , 481, 228842	8.9 16
7	Electropolymerization growth of an ultrathin, compact, conductive and microporous (UCCM) polycarbazole membrane for high energy LiB batteries. <i>Nano Energy</i> , 2020 , 73, 104769	17.1 15
6	Preferred Orientation of TiN Coatings Enables Stable Zinc Anodes. <i>ACS Energy Letters</i> , 2022 , 7, 197-203	20.1 13
5	Surface and Interface Engineering of Zn Anodes in Aqueous Rechargeable Zn-Ion Batteries.. <i>Small</i> , 2022 , e2200006	11 11
4	Tungsten Blue Oxide as a Reusable Electrocatalyst for Acidic Water Oxidation by Plasma-Induced Vacancy Engineering. <i>CCS Chemistry</i> , 2021 , 3, 1553-1561	7.2 8
3	Photoluminescent Ferroelectric LiNbO3 Crystals Grown from MXenes. <i>Advanced Functional Materials</i> , 2020 , 30, 1909843	15.6 6

2 Ferroelectrics: MXene-Derived Ferroelectric Crystals (Adv. Mater. 14/2019). *Advanced Materials*, **2019**, 31, 1970102

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1 Synthesis and characterization of dandelion-like ZnS with high antibacterial activity **2016**, 51-52