

Tianpeng Jiao

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,193
citations

567144

15
h-index

940416

16
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17
all docs

17
docs citations

17
times ranked

1838
citing authors

#	ARTICLE	IF	CITATIONS
1	An Aqueous Zn ²⁺ /ion Hybrid Supercapacitor with High Energy Density and Ultrastability up to 80 000 Cycles. <i>Advanced Energy Materials</i> , 2019, 9, 1902915.	10.2	244
2	Binder-free hierarchical VS ₂ electrodes for high-performance aqueous Zn ion batteries towards commercial level mass loading. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16330-16338.	5.2	152
3	Highly Efficient Electrochemical Reduction of Nitrogen to Ammonia on Surface Termination Modified Ti ₃ C ₂ T _x MXene Nanosheets. <i>ACS Nano</i> , 2020, 14, 9089-9097.	7.3	137
4	Editable asymmetric all-solid-state supercapacitors based on high-strength, flexible, and programmable 2D-metal-organic framework/reduced graphene oxide self-assembled papers. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20254-20266.	5.2	110
5	Surface-Engineered Black Niobium Oxide@Graphene Nanosheets for High-Performance Sodium/Potassium-ion Full Batteries. <i>Small</i> , 2019, 15, e1901272.	5.2	88
6	Flexible Diamond Fibers for High-Energy-Density Zinc-ion Supercapacitors. <i>Advanced Energy Materials</i> , 2020, 10, 2002202.	10.2	69
7	<i>In situ</i> nitrated porous nanosheet networked Co ₃ O ₄ @Co ₄ N heteronanostructures supported on hydrophilic carbon cloth for highly efficient electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 775-782.	5.2	63
8	<i>In situ</i> formation of NaTi ₂ (PO ₄) ₃ cubes on Ti ₃ C ₂ MXene for dual-mode sodium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18525-18532.	5.2	60
9	Bismuth nanorod networks confined in a robust carbon matrix as long-cycling and high-rate potassium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 8440-8446.	5.2	52
10	Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction. <i>Small</i> , 2019, 15, e1901545.	5.2	50
11	Defect engineering of nanostructured electrocatalysts for enhancing nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7457-7473.	5.2	41
12	Defect-engineered vanadium trioxide nanofiber bundle@graphene hybrids for high-performance all-vanadate Na-ion and K-ion full batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19581-19588.	5.2	38
13	Lithiophilicity conversion of the Cu surface through facile thermal oxidation: boosting a stable Li-Cu composite anode through melt infusion. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5726-5732.	5.2	34
14	Tunable Photo-Electrochemistry of Patterned TiO ₂ /BDD Heterojunctions. <i>Small Methods</i> , 2020, 4, 2000257.	4.6	26
15	Hydrogen Evolution Reaction: Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction (<i>Small</i> 48/2019). <i>Small</i> , 2019, 15, 1970260.	5.2	11