

Xuelel Pan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,168
citations

586496

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721071

23
g-index

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docs citations

23
times ranked

2275
citing authors

#	ARTICLE	IF	CITATIONS
1	New Insights into Phase-Mechanism Relationship of Mg _x MnO ₂ Nanowires in Aqueous Zinc-Ion Batteries. <i>Small</i> , 2022, 18, e2107743.	5.2	16
2	Efficient and stable noble-metal-free catalyst for acidic water oxidation. <i>Nature Communications</i> , 2022, 13, 2294.	5.8	89
3	Quadrupling the stored charge by extending the accessible density of states. <i>CheM</i> , 2022, 8, 2410-2418.	5.8	4
4	Low-coordinated cobalt arrays for efficient hydrazine electrooxidation. <i>Energy and Environmental Science</i> , 2022, 15, 3246-3256.	15.6	36
5	Electrochemically Exfoliating MoS ₂ into Atomically Thin Planar Stacking Through a Selective Lateral Reaction Pathway. <i>Advanced Functional Materials</i> , 2021, 31, 2007840.	7.8	23
6	Continuously tuning the hydrogen evolution activity of MoS ₂ through sodium ions insertion. <i>Electrochimica Acta</i> , 2021, 369, 137686.	2.6	1
7	Constructing Three-Dimensional Macroporous TiO ₂ Microspheres with Enhanced Pseudocapacitive Lithium Storage under Deep Discharging/Charging Conditions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16528-16535.	4.0	7
8	Unveiling the role of surface P=O group in P-doped Co ₃ O ₄ for electrocatalytic oxygen evolution by On-chip micro-device. <i>Nano Energy</i> , 2021, 83, 105748.	8.2	46
9	Reversible (De)Intercalation of Hydrated Zn ²⁺ in Mg ²⁺ -Stabilized V ₂ O ₅ Nanobelts with High Areal Capacity. <i>Advanced Energy Materials</i> , 2020, 10, 2002293.	10.2	84
10	<i>In situ</i> monitoring of the electrochemically induced phase transition of thermodynamically metastable 1T-MoS ₂ at nanoscale. <i>Nanoscale</i> , 2020, 12, 9246-9254.	2.8	33
11	Surface reconstruction of NiCoP pre-catalysts for bifunctional water splitting in alkaline electrolyte. <i>Electrochimica Acta</i> , 2020, 345, 136114.	2.6	71
12	On-chip micro/nano devices for energy conversion and storage. <i>Nano Today</i> , 2019, 28, 100764.	6.2	33
13	Superior Hydrogen Evolution Reaction Performance in 2H-MoS ₂ to that of 1T Phase. <i>Small</i> , 2019, 15, e1900964.	5.2	59
14	Langmuir-Blodgett Nanowire Devices for In Situ Probing of Zinc-Ion Batteries. <i>Small</i> , 2019, 15, e1902141.	5.2	25
15	Co-Electrodeposited porous PEDOT-CNT microelectrodes for integrated micro-supercapacitors with high energy density, high rate capability, and long cycling life. <i>Nanoscale</i> , 2019, 11, 7761-7770.	2.8	69
16	Illuminating phase transformation dynamics of vanadium oxide cathode by multimodal techniques under operando conditions. <i>Nano Research</i> , 2019, 12, 905-910.	5.8	12
17	High Energy Density Micro-Supercapacitor Based on a Three-Dimensional Bicontinuous Porous Carbon with Interconnected Hierarchical Pores. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 948-956.	4.0	42
18	Electric field and photoelectrical effect bi-enhanced hydrogen evolution reaction. <i>Nano Research</i> , 2018, 11, 3205-3212.	5.8	17

#	ARTICLE	IF	CITATIONS
19	Nanowires in Energy Storage Devices: Structures, Synthesis, and Applications. <i>Advanced Energy Materials</i> , 2018, 8, 1802369.	10.2	169
20	Field-Effect Tuned Adsorption Dynamics of VSe_2 Nanosheets for Enhanced Hydrogen Evolution Reaction. <i>Nano Letters</i> , 2017, 17, 4109-4115.	4.5	134
21	Field Effect Enhanced Hydrogen Evolution Reaction of MoS_2 Nanosheets. <i>Advanced Materials</i> , 2017, 29, 1604464.	11.1	148
22	Oxygen evolution reaction dynamics monitored by an individual nanosheet-based electronic circuit. <i>Nature Communications</i> , 2017, 8, 645.	5.8	49
23	In Situ Observation and Mechanism Investigation of Lattice Breathing in Vanadium Oxide Cathode. <i>Acta Chimica Sinica</i> , 2016, 74, 582.	0.5	1