

Meng Tian

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

459
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	Cotton pad derived 3D lithiophilic carbon host for robust Li metal anode: In-situ generated ionic conductive Li ₃ N protective decoration. Chemical Engineering Journal, 2022, 430, 132722.	12.7	34
2	Synthesis of interlayer expanded MoS ₂ by sulfurization of MoO ₃ with enhanced sodium-ion storage. Journal of Alloys and Compounds, 2022, 895, 162691.	5.5	7
3	Tuning the Electronic Structure of W ₁₈ O ₄₉ via Dual Doping for Efficient Oxygen Evolution Reaction. ACS Applied Energy Materials, 2022, 5, 3208-3216.	5.1	9
4	Synergized Multimetal Oxides with Amorphous/Crystalline Heterostructure as Efficient Electrocatalysts for Lithium-Oxygen Batteries. Advanced Energy Materials, 2021, 11, 2100110.	19.5	72
5	Electronic, optical, and water solubility properties of two-dimensional layered SnSi_2N_4 from first principles. Physical Review B, 2021, 103, ...	3.2	9
6	Unraveling the lithiophilic nature of heteroatom-doped carbons for efficient oxygen reduction in Li-O ₂ batteries. Carbon, 2021, 178, 436-442.	10.3	14
7	Concurrent realization of dendrite-free anode and high-loading cathode via 3D printed N-Ti ₃ C ₂ MXene framework toward advanced Li-S full batteries. Energy Storage Materials, 2021, 41, 141-151.	18.0	72
8	Cationic disordering modulated electrochemical performances of layer-structured Li ₂ MoO ₃ . Materials Today Physics, 2021, 21, 100561.	6.0	4
9	Mildly Oxidized MXene (Ti ₃ C ₂ , Nb ₂ C, and V ₂ C) Electrocatalyst via a Generic Strategy Enables Longevous Li-O ₂ Battery under a High Rate. ACS Nano, 2021, 15, 19640-19650.	14.6	42
10	Universal <i>In Situ</i> Crafted MO _x -MXene Heterostructures as Heavy and Multifunctional Hosts for 3D-Printed Li-S Batteries. ACS Nano, 2020, 14, 16073-16084.	14.6	82
11	Atomic Scale Recognition of Structure in the Intercalation of Sodium by Aberration-Corrected Scanning Transmission Electron Microscopy. Microscopy and Microanalysis, 2019, 25, 2120-2121.	0.4	0
12	First-principles calculations on lithium and sodium adsorption on graphene edges. Electrochimica Acta, 2018, 282, 205-212.	5.2	14
13	Design and Properties Prediction of AMCO ₃ F by First-Principles Calculations. ACS Applied Materials & Interfaces, 2017, 9, 13255-13261.	8.0	5
14	Structural stability and stabilization of Li ₂ MoO ₃ . Physical Chemistry Chemical Physics, 2017, 19, 17538-17543.	2.8	20
15	Reversible conversion of MoS ₂ upon sodium extraction. Nano Energy, 2017, 41, 217-224.	16.0	60
16	Understanding structural stability of monoclinic LiMnO ₂ and NaMnO ₂ upon de-intercalation. Physical Chemistry Chemical Physics, 2016, 18, 17345-17350.	2.8	15