

Na Li

List of Publications by Year in descending order

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24
papers

2,030
citations

430874

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen-Free and Dendrite-Free All-Solid-State Zn-Ion Batteries. <i>Advanced Materials</i> , 2020, 32, e1908121.	11.0	381
2	Recent Progress on Flexible and Wearable Supercapacitors. <i>Small</i> , 2017, 13, 1701827.	10.0	365
3	Super-Stretchable Zinc-Air Batteries Based on an Alkaline-Tolerant Dual-Network Hydrogel Electrolyte. <i>Advanced Energy Materials</i> , 2019, 9, 1803046.	19.5	287
4	Achieving Both High Voltage and High Capacity in Aqueous Zinc-Ion Battery for Record High Energy Density. <i>Advanced Functional Materials</i> , 2019, 29, 1906142.	14.9	285
5	Enhanced Redox Kinetics and Duration of Aqueous I_2/I^{+} Conversion Chemistry by MXene Confinement. <i>Advanced Materials</i> , 2021, 33, e2006897.	21.0	121
6	Lattice constant-dependent anchoring effect of MXenes for lithium-sulfur (Li-S) batteries: a DFT study. <i>Nanoscale</i> , 2019, 11, 8485-8493.	5.6	93
7	Confining Aqueous Zn-Br Halide Redox Chemistry by Ti_3C_2X MXene. <i>ACS Nano</i> , 2021, 15, 1718-1726.	14.6	78
8	Polarized nucleation and efficient decomposition of Li_2O_2 for Ti_2C MXene cathode catalyst under a mixed surface condition in lithium-oxygen batteries. <i>Energy Storage Materials</i> , 2021, 35, 669-678.	18.0	65
9	Electrochemical Nitrate Production <i>via</i> Nitrogen Oxidation with Atomically Dispersed Fe on N-Doped Carbon Nanosheets. <i>ACS Nano</i> , 2022, 16, 655-663.	14.6	44
10	Theoretical investigation of the intercalation mechanism of VS_2 /MXene heterostructures as anode materials for metal-ion batteries. <i>Applied Surface Science</i> , 2021, 543, 148772.	6.1	43
11	Scalable synthesis of 2D hydrogen-substituted graphdiyne on Zn substrate for high-yield N_2 fixation. <i>Nano Energy</i> , 2020, 78, 105283.	16.0	38
12	Strain-tunable electronic properties and lithium storage of 2D transition metal carbide (MXene) Ti_2CO_2 as a flexible electrode. <i>Journal of Materials Chemistry A</i> , 2020, 8, 760-769.	10.3	35
13	Strain engineering in the oxygen reduction reaction and oxygen evolution reaction catalyzed by Pt-doped Ti_2CF_2 . <i>Journal of Materials Chemistry A</i> , 2022, 10, 1390-1401.	10.3	27
14	Theoretical Investigation of the Structure-Property Correlation of MXenes as Anode Materials for Alkali Metal Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14978-14986.	3.1	26
15	Highly Efficient and Stable Vanadia-Titania-Sulfate Catalysts for Methanol Oxidation to Methyl Formate: Synthesis and Mechanistic Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6591-6600.	3.1	22
16	Computational insights into modulating the performance of MXene based electrode materials for rechargeable batteries. <i>Nanotechnology</i> , 2021, 32, 252001.	2.6	21
17	Catalytic Mechanisms of Methanol Oxidation to Methyl Formate on Vanadia-Titania and Vanadia-Titania-Sulfate Catalysts. <i>Journal of Physical Chemistry C</i> , 2016, 120, 29290-29301.	3.1	20
18	Prediction of chemically ordered dual transition metal carbides (MXenes) as high-capacity anode materials for Na-ion batteries. <i>Nanoscale</i> , 2021, 13, 7234-7243.	5.6	20

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19	Strain adjustment Pt-doped Ti ₂ CO ₂ as an efficient bifunctional catalyst for oxygen reduction reactions and oxygen evolution reactions by first-principles calculations. Applied Surface Science, 2022, 590, 153149.	6.1	16
20	M-Site Vacancy-Mediated Adsorption and Diffusion of Sodium on Ti ₂ CO ₂ MXene. Journal of Physical Chemistry C, 2021, 125, 82-90.	3.1	10
21	First principles studies on the selectivity of dimethoxymethane and methyl formate in methanol oxidation over V ₂ O ₅ /TiO ₂ -based catalysts. Physical Chemistry Chemical Physics, 2017, 19, 19393-19406.	2.8	9
22	Membrane Perturbation and Lipid Flip-Flop Mediated by Graphene Nanosheet. Journal of Physical Chemistry B, 2020, 124, 10632-10640.	2.6	8
23	Simultaneous Sensing of Force and Current Signals to Recognize Proteinogenic Amino Acids at a Single-Molecule Level. Journal of Physical Chemistry Letters, 2021, 12, 793-799.	4.6	8
24	Molecular insights into geometric and electrophoretic effects on DNA translocation speed through graphene nanoslit sensor. Carbon, 2022, 191, 415-423.	10.3	7