

# Na Li

## List of Publications by Citations

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24  
papers

1,095  
citations

13  
h-index

25  
g-index

25  
ext. papers

1,544  
ext. citations

10.8  
avg, IF

4.79  
L-index

#	Paper	IF	Citations
24	Recent Progress on Flexible and Wearable Supercapacitors. <i>Small</i> , <b>2017</b> , 13, 1701827	11	260
23	Hydrogen-Free and Dendrite-Free All-Solid-State Zn-Ion Batteries. <i>Advanced Materials</i> , <b>2020</b> , 32, e1908124	12.1	186
22	Super-Stretchable Zinc-Air Batteries Based on an Alkaline-Tolerant Dual-Network Hydrogel Electrolyte. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1803046	21.8	185
21	Achieving Both High Voltage and High Capacity in Aqueous Zinc-Ion Battery for Record High Energy Density. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1906142	15.6	184
20	Lattice constant-dependent anchoring effect of MXenes for lithium-sulfur (Li-S) batteries: a DFT study. <i>Nanoscale</i> , <b>2019</b> , 11, 8485-8493	7.7	52
19	Enhanced Redox Kinetics and Duration of Aqueous I <sup>-</sup> /I <sup>0</sup> Conversion Chemistry by MXene Confinement. <i>Advanced Materials</i> , <b>2021</b> , 33, e2006897	24	39
18	Polarized nucleation and efficient decomposition of Li <sub>2</sub> O <sub>2</sub> for Ti <sub>2</sub> C MXene cathode catalyst under a mixed surface condition in lithium-oxygen batteries. <i>Energy Storage Materials</i> , <b>2021</b> , 35, 669-678	19.4	31
17	Confining Aqueous Zn-Br Halide Redox Chemistry by Ti <sub>3</sub> CT MXene. <i>ACS Nano</i> , <b>2021</b> , 15, 1718-1726	16.7	28
16	Scalable synthesis of 2D hydrogen-substituted graphdiyne on Zn substrate for high-yield N <sub>2</sub> fixation. <i>Nano Energy</i> , <b>2020</b> , 78, 105283	17.1	21
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> , <b>2016</b> , 120, 6591-6600	3.8	20
14	Strain-tunable electronic properties and lithium storage of 2D transition metal carbide (MXene) Ti <sub>2</sub> CO <sub>2</sub> as a flexible electrode. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 760-769	13	15
13	Catalytic Mechanisms of Methanol Oxidation to Methyl Formate on Vanadia-Titania and Vanadia-Titania-Sulfate Catalysts. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 29290-29301	3.8	14
12	Theoretical investigation of the intercalation mechanism of VS <sub>2</sub> /MXene heterostructures as anode materials for metal-ion batteries. <i>Applied Surface Science</i> , <b>2021</b> , 543, 148772	6.7	13
11	Theoretical Investigation of the Structure-Property Correlation of MXenes as Anode Materials for Alkali Metal Ion Batteries. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 14978-14986	3.8	9
10	First principles studies on the selectivity of dimethoxymethane and methyl formate in methanol oxidation over VO/TiO <sub>2</sub> -based catalysts. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 19393-19406	3.6	8
9	Computational insights into modulating the performance of MXene based electrode materials for rechargeable batteries. <i>Nanotechnology</i> , <b>2021</b> ,	3.4	8
8	Strain engineering in the oxygen reduction reaction and oxygen evolution reaction catalyzed by Pt-doped Ti <sub>2</sub> CF <sub>2</sub> . <i>Journal of Materials Chemistry A</i> ,	13	6

7	Prediction of chemically ordered dual transition metal carbides (MXenes) as high-capacity anode materials for Na-ion batteries. <i>Nanoscale</i> , <b>2021</b> , 13, 7234-7243	7.7	5
6	Simultaneous Sensing of Force and Current Signals to Recognize Proteinogenic Amino Acids at a Single-Molecule Level. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 793-799	6.4	3
5	Electrochemical Nitrate Production Nitrogen Oxidation with Atomically Dispersed Fe on N-Doped Carbon Nanosheets.. <i>ACS Nano</i> , <b>2021</b> ,	16.7	3
4	M-Site Vacancy-Mediated Adsorption and Diffusion of Sodium on Ti <sub>2</sub> CO <sub>2</sub> MXene. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 82-90	3.8	2
3	Membrane Perturbation and Lipid Flip-Flop Mediated by Graphene Nanosheet. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 10632-10640	3.4	2
2	Strain adjustment Pt-doped Ti <sub>2</sub> CO <sub>2</sub> as an efficient bifunctional catalyst for oxygen reduction reactions and oxygen evolution reactions by first-principles calculations. <i>Applied Surface Science</i> , <b>2022</b> , 590, 153149	6.7	1
1	Molecular insights into geometric and electrophoretic effects on DNA translocation speed through graphene nanoslit sensor. <i>Carbon</i> , <b>2022</b> , 191, 415-423	10.4	0