Na Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2269787/publications.pdf

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24	2,030	430442	580395
papers	citations	18 h-index	25 g-index

25	25	25	2555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogenâ€Free and Dendriteâ€Free Allâ€Solidâ€State Znâ€Ion Batteries. Advanced Materials, 2020, 32, e1908121.	11.1	381
2	Recent Progress on Flexible and Wearable Supercapacitors. Small, 2017, 13, 1701827.	5.2	365
3	Superâ€Stretchable Zincâ€“Air Batteries Based on an Alkalineâ€Tolerant Dualâ€Network Hydrogel Electrolyte. Advanced Energy Materials, 2019, 9, 1803046.	10.2	287
4	Achieving Both High Voltage and High Capacity in Aqueous Zincâ€Ion Battery for Record High Energy Density. Advanced Functional Materials, 2019, 29, 1906142.	7.8	285
5	Enhanced Redox Kinetics and Duration of Aqueous I₂/I^{â^'} Conversion Chemistry by MXene Confinement. Advanced Materials, 2021, 33, e2006897.	11.1	121
6	Lattice constant-dependent anchoring effect of MXenes for lithiumâ€“sulfur (Liâ€“S) batteries: a DFT study. Nanoscale, 2019, 11, 8485-8493.	2.8	93
7	Confining Aqueous Znâ€“Br Halide Redox Chemistry by Ti₃C₂T_X MXene. ACS Nano, 2021, 15, 1718-1726.	7.3	78
8	Polarized nucleation and efficient decomposition of Li2O2 for Ti2C MXene cathode catalyst under a mixed surface condition in lithium-oxygen batteries. Energy Storage Materials, 2021, 35, 669-678.	9.5	65
9	Electrochemical Nitrate Production via Nitrogen Oxidation with Atomically Dispersed Fe on N-Doped Carbon Nanosheets. ACS Nano, 2022, 16, 655-663.	7.3	44
10	Theoretical investigation of the intercalation mechanism of VS2/MXene heterostructures as anode materials for metal-ion batteries. Applied Surface Science, 2021, 543, 148772.	3.1	43
11	Scalable synthesis of 2D hydrogen-substituted graphdiyne on Zn substrate for high-yield N2 fixation. Nano Energy, 2020, 78, 105283.	8.2	38
12	Strain-tunable electronic properties and lithium storage of 2D transition metal carbide (MXene) Ti₂CO₂ as a flexible electrode. Journal of Materials Chemistry A, 2020, 8, 760-769.	5.2	35
13	Strain engineering in the oxygen reduction reaction and oxygen evolution reaction catalyzed by Pt-doped Ti₂CF₂. Journal of Materials Chemistry A, 2022, 10, 1390-1401.	5.2	27
14	Theoretical Investigation of the Structureâ€“Property Correlation of MXenes as Anode Materials for Alkali Metal Ion Batteries. Journal of Physical Chemistry C, 2020, 124, 14978-14986.	1.5	26
15	Highly Efficient and Stable Vanadiaâ€“Titaniaâ€“Sulfate Catalysts for Methanol Oxidation to Methyl Formate: Synthesis and Mechanistic Study. Journal of Physical Chemistry C, 2016, 120, 6591-6600.	1.5	22
16	Computational insights into modulating the performance of MXene based electrode materials for rechargeable batteries. Nanotechnology, 2021, 32, 252001.	1.3	21
17	Catalytic Mechanisms of Methanol Oxidation to Methyl Formate on Vanadiaâ€“Titania and Vanadiaâ€“Titaniaâ€“Sulfate Catalysts. Journal of Physical Chemistry C, 2016, 120, 29290-29301.	1.5	20
18	Prediction of chemically ordered dual transition metal carbides (MXenes) as high-capacity anode materials for Na-ion batteries. Nanoscale, 2021, 13, 7234-7243.	2.8	20

#	Article	IF	Citations
19	Strain adjustment Pt-doped Ti2CO2 as an efficient bifunctional catalyst for oxygen reduction reactions and oxygen evolution reactions by first-principles calculations. Applied Surface Science, 2022, 590, 153149.	3.1	16
20	M-Site Vacancy-Mediated Adsorption and Diffusion of Sodium on Ti₂CO₂ MXene. Journal of Physical Chemistry C, 2021, 125, 82-90.	1.5	10
21	First principles studies on the selectivity of dimethoxymethane and methyl formate in methanol oxidation over V₂O₅/TiO₂-based catalysts. Physical Chemistry Chemical Physics, 2017, 19, 19393-19406.	1.3	9
22	Membrane Perturbation and Lipid Flip-Flop Mediated by Graphene Nanosheet. Journal of Physical Chemistry B, 2020, 124, 10632-10640.	1.2	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.	2.1	8
24	Molecular insights into geometric and electrophoretic effects on DNA translocation speed through graphene nanoslit sensor. Carbon, 2022, 191, 415-423.	5.4	7