

Lina Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,122
citations

471509

17
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1420
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition metal chalcogenide anodes for sodium storage. <i>Materials Today</i> , 2020, 35, 131-167.	14.2	186
2	Watermelon-Like Structured $\text{SiO}_2/\text{TiO}_2$ @C Nanocomposite as a High-Performance Lithium-Ion Battery Anode. <i>Advanced Functional Materials</i> , 2018, 28, 1605711.	14.9	175
3	SnO_2 nanoparticles anchored on carbon foam as a freestanding anode for high performance potassium-ion batteries. <i>Energy and Environmental Science</i> , 2020, 13, 571-578.	30.8	143
4	Superior High-Rate and Ultralong-Lifespan $\text{Na}_3\text{V}_2(\text{PO}_4)_3$ @C Cathode by Enhancing the Conductivity Both in Bulk and on Surface. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35963-35971.	8.0	74
5	Computational and experimental understanding of Al-doped $\text{Na}_3\text{V}_2\text{Al}_x(\text{PO}_4)_3$ cathode material for sodium ion batteries: Electronic structure, ion dynamics and electrochemical properties. <i>Electrochimica Acta</i> , 2018, 282, 510-519.	5.2	60
6	Polyanion-type electrode materials for advanced sodium-ion batteries. <i>Materials Today Nano</i> , 2020, 10, 100072.	4.6	57
7	Delicate lattice modulation enables superior Na storage performance of $\text{Na}_3\text{V}_2(\text{PO}_4)_3$ as both an anode and cathode material for sodium-ion batteries: understanding the role of calcium substitution for vanadium. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9807-9814.	10.3	56
8	Free-Standing, Foldable V_2O_3 /Multichannel Carbon Nanofibers Electrode for Flexible Li-Ion Batteries with Ultralong Lifespan. <i>Small</i> , 2020, 16, e2005302.	10.0	54
9	Micro/Nano $\text{Na}_3\text{V}_2(\text{PO}_4)_3$ /N-Doped Carbon Composites with a Hierarchical Porous Structure for High-Rate Pouch-Type Sodium-Ion Full-Cell Performance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8445-8454.	8.0	51
10	(101) Plane-Oriented SnS_2 Nanoplates with Carbon Coating: A High-Rate and Cycle-Stable Anode Material for Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 35880-35887.	8.0	46
11	Advanced flexible electrode materials and structural designs for sodium ion batteries. <i>Journal of Energy Chemistry</i> , 2022, 71, 108-128.	12.9	37
12	Tin Disulfide Nanosheets with Active-Site-Enriched Surface Interfacially Bonded on Reduced Graphene Oxide Sheets as Ultra-Robust Anode for Lithium and Sodium Storage. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28533-28540.	8.0	36
13	Catalytic Effects in the Cathode of Li-S Batteries: Accelerating polysulfides redox conversion. <i>EnergyChem</i> , 2020, 2, 100036.	19.1	35
14	Ostwald Ripening Tailoring Hierarchically Porous $\text{Na}_3\text{V}_2(\text{PO}_4)_2\text{O}_2\text{F}$ Hollow Nanospheres for Superior High-Rate and Ultrastable Sodium Ion Storage. <i>Small</i> , 2020, 16, e2004925.	10.0	34
15	Multifunctional V_3S_4 -nanowire/graphene composites for high performance Li-S batteries. <i>Science China Materials</i> , 2020, 63, 1910-1919.	6.3	31
16	Engineering of Sodium-Ion Batteries: Opportunities and Challenges. <i>Engineering</i> , 2023, 24, 172-183.	6.7	28
17	Multifunctional ultrasmall- MoS_2 /graphene composites for high sulfur loading Li-S batteries. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1483-1491.	5.9	17
18	Sodium-Ion Batteries: Ostwald Ripening Tailoring Hierarchically Porous $\text{Na}_3\text{V}_2(\text{PO}_4)_2\text{O}_2\text{F}$ Hollow Nanospheres for Superior High-Rate and Ultrastable Sodium Ion Storage (Small 48/2020). <i>Small</i> , 2020, 16, 2070263.	10.0	2