

# Lina Zhao

## List of Publications by Year in descending order

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18  
papers

1,122  
citations

471509

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839539

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docs citations

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1420  
citing authors

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