

# Shaojie Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

624  
citations

686830

13  
h-index

1058022

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

639  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Influence of Surface Chemistry on Critical Current Density for Garnet Electrolyte. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	22
2	Integration of a low-tortuous electrode and an in-situ-polymerized electrolyte for all-solid-state lithium-metal batteries. <i>Cell Reports Physical Science</i> , 2022, 3, 100851.	2.8	9
3	Ultrafast Sintering for Ceramic-Based All-Solid-State Lithium-Metal Batteries. <i>Advanced Materials</i> , 2022, 34, .	11.1	35
4	All-Solid-State Batteries with a Limited Lithium Metal Anode at Room Temperature using a Garnet-Based Electrolyte. <i>Advanced Materials</i> , 2021, 33, e2002325.	11.1	99
5	Improved Electrochemical Performance of Li-Rich Layered Oxide Cathodes Enabled by a Two-Step Heat Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 13281-13288.	4.0	15
6	Challenges, fabrications and horizons of oxide solid electrolytes for solid-state lithium batteries. <i>Nano Select</i> , 2021, 2, 2256-2274.	1.9	26
7	Electrocatalytic NiCo <sub>2</sub> O <sub>4</sub> Nanofiber Arrays on Carbon Cloth for Flexible and High-Loading Lithium-Sulfur Batteries. <i>Nano Letters</i> , 2021, 21, 5285-5292.	4.5	64
8	Cation/Anion Codoped and Cobalt-Free Li-Rich Layered Cathode for High-Performance Li-Ion Batteries. <i>Nano Letters</i> , 2021, 21, 8370-8377.	4.5	35
9	Low-sintering-temperature garnet oxides by conformal sintering-aid coating. <i>Cell Reports Physical Science</i> , 2021, 2, 100569.	2.8	28
10	Mechanism of lithium electrodeposition in a magnetic field. <i>Solid State Ionics</i> , 2020, 345, 115171.	1.3	23
11	Stereolithography Three-Dimensional Printing Solid Polymer Electrolytes for All-Solid-State Lithium Metal Batteries. <i>Nano Letters</i> , 2020, 20, 7136-7143.	4.5	79
12	Biofilm Nanofiber-Coated Separators for Dendrite-Free Lithium Metal Anode and Ultrahigh-Rate Lithium Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 32373-32380.	4.0	59
13	High-Performance, Low-Cost, and Dense-Structure Electrodes with High Mass Loading for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1903961.	7.8	93
14	Designed construction of hierarchical NiCo <sub>2</sub> S <sub>4</sub> @polypyrrole core-shell nanosheet arrays as electrode materials for high-performance hybrid supercapacitors. <i>RSC Advances</i> , 2017, 7, 18447-18455.	1.7	36
15	Low-Sintering-Temperature Garnet Oxides by Conformal Sintering-Aid Coating. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1