

Shengwei Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Low-Temperature and High-Energy-Density Li-Based Liquid Metal Batteries Based on LiClâ€“KCl Molten Salt Electrolyte. ACS Sustainable Chemistry and Engineering, 2022, 10, 1871-1879.	6.7	15
2	Ferroelastic oligocrystalline microwire with unprecedented high-temperature superelastic and shape memory effects. NPC Asia Materials, 2022, 14, .	7.9	2
3	Unexpected Role of the Interlayer â€œDead Zn ²⁺ â€œin Strengthening the Nanostructures of VS ₂ Cathodes for Highâ€œPerformance Aqueous Znâ€œIon Storage. Advanced Energy Materials, 2022, 12, .	19.5	74
4	Design Concepts of Transition Metal Dichalcogenides for Highâ€œPerformance Aqueous Znâ€œIon Storage. Chemistry - A European Journal, 2022, 28, .	3.3	4
5	Synchronous nesting of hollow FeP nanospheres into a three-dimensional porous carbon scaffold via a salt-template method for performance-enhanced potassium-ion storage. Sustainable Energy and Fuels, 2021, 5, 844-854.	4.9	12
6	Feasibility Research of SS304 Serving as the Positive Current Collector of Li Sbâ€“Sn Liquid Metal Batteries. Journal of Physical Chemistry C, 2021, 125, 237-245.	3.1	11
7	External-Field-Induced Phase Transformation and Associated Properties in a Ni ₅₀ Mn ₃₄ Fe ₃ In ₁₃ Metamagnetic Shape Memory Wire. Metals, 2021, 11, 309.	2.3	4
8	A high-entropy high-temperature shape memory alloy with large and complete superelastic recovery. Materials Research Letters, 2021, 9, 263-269.	8.7	29
9	Sandwichâ€œLike Heterostructures of MoS ₂ /Graphene with Enlarged Interlayer Spacing and Enhanced Hydrophilicity as Highâ€œPerformance Cathodes for Aqueous Zincâ€œIon Batteries. Advanced Materials, 2021, 33, e2007480.	21.0	241
10	Reaction kinetics in rechargeable zinc-ion batteries. Journal of Power Sources, 2021, 492, 229655.	7.8	48
11	A Low-Cost Niâ€“Mnâ€“Tiâ€“B High-Temperature Shape Memory Alloy with Extraordinary Functional Properties. ACS Applied Materials & Interfaces, 2021, 13, 31870-31879.	8.0	15
12	Molecular Engineering on MoS ₂ Enables Large Interlayers and Unlocked Basal Planes for Highâ€œPerformance Aqueous Znâ€œIon Storage. Angewandte Chemie - International Edition, 2021, 60, 20286-20293.	13.8	141
13	Stable Positive Current Collectors for Li Sbâ€“Sn Liquid Metal Batteries. ACS Applied Energy Materials, 2021, 4, 9013-9021.	5.1	8
14	Molecular Engineering on MoS ₂ Enables Large Interlayers and Unlocked Basal Planes for Highâ€œPerformance Aqueous Znâ€œIon Storage. Angewandte Chemie, 2021, 133, 20448-20455.	2.0	52
15	Transitionâ€œMetal Vacancy Manufacturing and Sodiumâ€œSite Doping Enable a Highâ€œPerformance Layered Oxide Cathode through Cationic and Anionic Redox Chemistry. Advanced Functional Materials, 2021, 31, 2106923.	14.9	50