

# Ruijie Ye

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Redox Flow Batteries for Energy Storage: A Technology Review. Journal of Electrochemical Energy Conversion and Storage, 2018, 15, .	2.1	123
2	Low temperature sintering of fully inorganic all-solid-state batteries – Impact of interfaces on full cell performance. Journal of Power Sources, 2021, 482, 228905.	7.8	58
3	–Water-in-ionic liquid–solutions towards wide electrochemical stability windows for aqueous rechargeable batteries. Electrochimica Acta, 2018, 263, 47-52.	5.2	43
4	Study of $\text{LiCoO}_2/\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}:\text{Ta}$ Interface Degradation in All-Solid-State Lithium Batteries. ACS Applied Materials & Interfaces, 2022, 14, 11288-11299.	8.0	36
5	Controlling the lithium proton exchange of LLZO to enable reproducible processing and performance optimization. Journal of Materials Chemistry A, 2021, 9, 4831-4840.	10.3	31
6	A Review on $\text{Li}^+/\text{H}^+$ Exchange in Garnet Solid Electrolytes: From Instability against Humidity to Sustainable Processing in Water. ChemSusChem, 2021, 14, 4397-4407.	6.8	30
7	Water-based fabrication of garnet-based solid electrolyte separators for solid-state lithium batteries. Green Chemistry, 2020, 22, 4952-4961.	9.0	23
8	Polymer–Ceramic Composite Cathode with Enhanced Storage Capacity Manufactured by Field-Assisted Sintering and Infiltration. ACS Applied Energy Materials, 2021, 4, 10428-10432.	5.1	16
9	Imidazolium cation enabled reversibility of a hydroquinone derivative for designing aqueous redox electrolytes. Sustainable Energy and Fuels, 2020, 4, 2998-3005.	4.9	13
10	Fabrication of thin sheets of the sodium superionic conductor $\text{Na}_5\text{YSi}_4\text{O}_{12}$ with tape casting. Chemical Engineering Journal, 2022, 435, 134774.	12.7	13
11	Water-Based Fabrication of a $\text{Li} \text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12} \text{LiFePO}_4$ Solid-State Battery – Toward Green Battery Production. ACS Sustainable Chemistry and Engineering, 2022, 10, 7613-7624.	6.7	13
12	Increasing the performance of all-solid-state Li batteries by infiltration of Li-ion conducting polymer into LFP-LATP composite cathode. Journal of Power Sources, 2022, 543, 231822.	7.8	10
13	Spherical aromaticity in C-, Si-, and Ge-containing compounds. Computational and Theoretical Chemistry, 2017, 1102, 5-14.	2.5	2
14	Free-Standing Garnet-Type Solid Electrolyte Separators Fabricated By Water-Based Tape-Casting. ECS Meeting Abstracts, 2020, MA2020-02, 928-928.	0.0	0
15	Garnet-Based Composite Cathodes for All-Solid-State Lithium Batteries. ECS Meeting Abstracts, 2022, MA2022-01, 283-283.	0.0	0
16	Polymer-Garnet-Based Composite Cathodes for Solid-State Li Batteries. ECS Meeting Abstracts, 2022, MA2022-01, 166-166.	0.0	0