

Dongjiu Xie

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,066
citations

1039880

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1125617

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g-index

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docs citations

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times ranked

1400
citing authors

#	ARTICLE	IF	CITATIONS
1	Template-synthesis of a poly(ionic liquid)-derived Fe _{1-x} S/nitrogen-doped porous carbon membrane and its electrode application in lithium-sulfur batteries. <i>Materials Advances</i> , 2021, 2, 5203-5212.	2.6	8
2	Efficient Sulfur Host Based on Yolk-Shell Iron Oxide/Sulfide-Carbon Nanospindles for Lithium-Sulfur Batteries. <i>ChemSusChem</i> , 2021, 14, 1404-1413.	3.6	27
3	High air-stability and superior lithium ion conduction of Li _{3+3P1-Zn} S ₄ O by aliovalent substitution of ZnO for all-solid-state lithium batteries. <i>Energy Storage Materials</i> , 2019, 17, 266-274.	9.5	114
4	Sulfide solid electrolytes for all-solid-state lithium batteries: Structure, conductivity, stability and application. <i>Energy Storage Materials</i> , 2018, 14, 58-74.	9.5	403
5	High ion conductive Sb ₂ O ₅ -doped ²⁺ Li ₃ PS ₄ with excellent stability against Li for all-solid-state lithium batteries. <i>Journal of Power Sources</i> , 2018, 389, 140-147.	4.0	90
6	In-situ preparation of poly(ethylene oxide)/Li ₃ PS ₄ hybrid polymer electrolyte with good nanofiller distribution for rechargeable solid-state lithium batteries. <i>Journal of Power Sources</i> , 2018, 387, 72-80.	4.0	95
7	Surface element segregation and electrical conductivity of lithium layered transition-metal oxide cathode materials. <i>Applied Surface Science</i> , 2018, 427, 226-232.	3.1	8
8	Simply Constructing Li _{1.2} Mn _{0.6} Ni _{0.2} O ₂ /C Composites for Superior Electrochemical Performance and Thermal Stability in Li-ion Battery. <i>ChemistrySelect</i> , 2018, 3, 13647-13653.	0.7	3
9	Pristine Surface Investigation of Li _{1.2} Mn _{0.54} Ni _{0.13} Co _{0.13} O ₂ towards Improving Capacity and Rate-capability for Lithium-ion Batteries. <i>Electrochimica Acta</i> , 2017, 245, 118-127.	2.6	9
10	An advanced construction strategy of all-solid-state lithium batteries with excellent interfacial compatibility and ultralong cycle life. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16984-16993.	5.2	168
11	Improved Cycling Stability of Cobalt-free Li-rich Oxides with a Stable Interface by Dual Doping. <i>Electrochimica Acta</i> , 2016, 196, 505-516.	2.6	49
12	Balancing stability and specific energy in Li-rich cathodes for lithium ion batteries: a case study of a novel Li-Mn-Ni-Co oxide. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10592-10602.	5.2	62
13	A Study on Storage Characteristics of Pristine Li-rich Layered Oxide Li _{1.20} Mn _{0.54} Co _{0.13} Ni _{0.13} O ₂ : Effect of Storage Temperature and Duration. <i>Electrochimica Acta</i> , 2015, 154, 249-258.	2.6	30