

# Dongjiu Xie

## List of Publications by Year in descending order

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13  
papers

1,066  
citations

1039880

9  
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1125617

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13  
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docs citations

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times ranked

1400  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	High air-stability and superior lithium ion conduction of Li <sub>3</sub> +3P1-Zn S4-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	In-situ preparation of poly(ethylene oxide)/Li3PS4 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
5	High ion conductive Sb2O5-doped $\hat{2}$ -Li3PS4 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	Balancing stability and specific energy in Li-rich cathodes for lithium ion batteries: a case study of a novel Li $\hat{e}$ -Mn $\hat{e}$ -Ni $\hat{e}$ -Co oxide. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10592-10602.	5.2	62
7	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
8	A Study on Storage Characteristics of Pristine Li-rich Layered Oxide Li <sub>1.20</sub> Mn <sub>0.54</sub> Co <sub>0.13</sub> Ni <sub>0.13</sub> O <sub>2</sub> : Effect of Storage Temperature and Duration. <i>Electrochimica Acta</i> , 2015, 154, 249-258.	2.6	30
9	Efficient Sulfur Host Based on Yolk $\hat{e}$ Shell Iron Oxide/Sulfide $\hat{e}$ Carbon Nanospindles for Lithium $\hat{e}$ Sulfur Batteries. <i>ChemSusChem</i> , 2021, 14, 1404-1413.	3.6	27
10	Pristine Surface Investigation of Li <sub>1.2</sub> Mn <sub>0.54</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> O <sub>2</sub> towards Improving Capacity and Rate-capability for Lithium-ion Batteries. <i>Electrochimica Acta</i> , 2017, 245, 118-127.	2.6	9
11	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
12	Template-synthesis of a poly(ionic liquid)-derived Fe <sub>1<math>\hat{x}</math></sub> S/nitrogen-doped porous carbon membrane and its electrode application in lithium $\hat{e}$ sulfur batteries. <i>Materials Advances</i> , 2021, 2, 5203-5212.	2.6	8
13	Simply Constructing Li <sub>1.2</sub> Mn <sub>0.6</sub> Ni <sub>0.2</sub> O <sub>2</sub> /C Composites for Superior Electrochemical Performance and Thermal Stability in Li $\hat{e}$ Ion Battery. <i>ChemistrySelect</i> , 2018, 3, 13647-13653.	0.7	3