

# Ryan S Longchamps

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6304562/publications.pdf>

Version: 2024-02-01

7  
papers

171  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

177  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new approach to both high safety and high performance of lithium-ion batteries. <i>Science Advances</i> , 2020, 6, eaay7633.	10.3	83
2	Fundamental Insights into Battery Thermal Management and Safety. <i>ACS Energy Letters</i> , 2022, 7, 1103-1111.	17.4	42
3	High Voltage Stable Li Metal Batteries Enabled by Ether-Based Highly Concentrated Electrolytes at Elevated Temperatures. <i>Journal of the Electrochemical Society</i> , 2020, 167, 110543.	2.9	13
4	High safety and cycling stability of ultrahigh energy lithium ion batteries. <i>Cell Reports Physical Science</i> , 2021, 2, 100584.	5.6	12
5	Transforming rate capability through self-heating of energy-dense and next-generation batteries. <i>Journal of Power Sources</i> , 2021, 510, 230416.	7.8	10
6	Fast Charging of Energy-Dense Lithium Metal Batteries in Localized Ether-Based Highly Concentrated Electrolytes. <i>Journal of the Electrochemical Society</i> , 2021, 168, 060548.	2.9	8
7	Neutron Imaging and Electrochemical Characterization of a Glucose Oxidase-Based Enzymatic Electrochemical Cell. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2018, 15, .	2.1	3