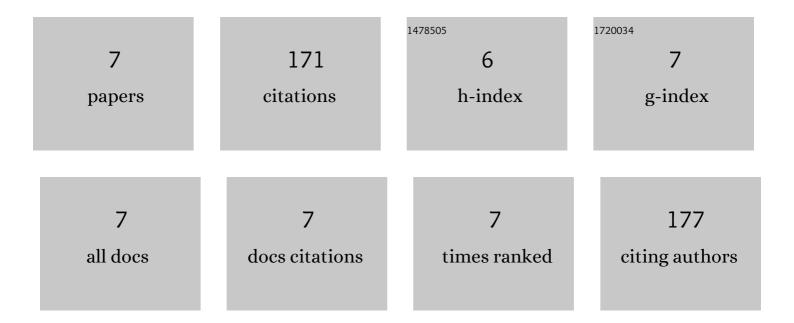
Ryan S Longchamps

List of Publications by Year in descending order

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

Version: 2024-02-01



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