

Xudong Sun

List of Publications by Year in descending order

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9
papers

100
citations

1937685
4
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on heat dissipation performance and flow characteristics of air-cooled battery pack. International Journal of Energy Research, 2018, 42, 3658-3671.	4.5	40
2	Plate flat heat pipe and liquid-cooled coupled multistage heat dissipation system of Li-ion battery. International Journal of Energy Research, 2019, 43, 1133-1141.	4.5	31
3	Research on influencing factors of heat transfer enhancement fins in fuel cell cooling channel. Ionics, 2021, 27, 743-757.	2.4	9
4	Numerical Study on the Inhibition Control of Lithium-Ion Battery Thermal Runaway. ACS Omega, 2020, 5, 18254-18261.	3.5	6
5	Design and research on the function of lithium-ion batteries emergency traction system for rail vehicles. Advances in Mechanical Engineering, 2018, 10, 168781401881229.	1.6	3
6	Blocking analysis of thermal runaway of a lithium-ion battery under local high temperature based on the material stability and heat dissipation coefficient. Ionics, 2021, 27, 107-122.	2.4	3
7	Simulation study of proton exchange membrane fuel cell cross-convection self-humidifying flow channel. International Journal of Energy Research, 2021, 45, 4036-4047.	4.5	3
8	Research on multi-stage heating method of high speed railway emergency traction battery system based on flat heat pipe. Thermal Science, 2021, 25, 1203-1215.	1.1	3
9	Research on thermal equilibrium performance of liquid-cooled lithium-ion power battery system at low temperature. Thermal Science, 2020, 24, 4147-4158.	1.1	2