

Jinyong Kim

List of Publications by Year in descending order

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8
papers

314
citations

1478505

6
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1720034

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all docs

8
docs citations

8
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling two-phase flow in three-dimensional complex flow-fields of proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2017, 365, 419-429.	7.8	145
2	Modeling cell venting and gas-phase reactions in 18650 lithium ion batteries during thermal runaway. <i>Journal of Power Sources</i> , 2021, 489, 229496.	7.8	68
3	Modeling extreme deformations in lithium ion batteries. <i>ETransportation</i> , 2020, 4, 100065.	14.8	33
4	A multipoint voltage-monitoring method for fuel cell inconsistency analysis. <i>Energy Conversion and Management</i> , 2018, 177, 572-581.	9.2	29
5	Modeling liquid water re-distributions in bi-porous layer flow-fields of proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2018, 400, 284-295.	7.8	23
6	Transport Processes in a Li-ion Cell during an Internal Short-Circuit. <i>Journal of the Electrochemical Society</i> , 2020, 167, 090554.	2.9	14
7	Two-dimensional modeling for physical processes in direct flame fuel cells. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4304-4316.	7.1	2
8	Modeling Three-Dimensional Complex Flow-Fields of Proton Exchange Membrane Fuel Cells With Large Gas Density Change in Cathode. , 2018, , .		0