

Jinyong Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6960200/publications.pdf>

Version: 2024-02-01

8
papers

314
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

272
citing authors

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