

Ahmad Pesaran

List of Publications by Year in descending order

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12
papers

1,769
citations

1040056

9
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

1798
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of different cooling methods for lithium ion battery cells. Applied Thermal Engineering, 2016, 94, 846-854.	6.0	525
2	Enabling fast charging “ A battery technology gap assessment. Journal of Power Sources, 2017, 367, 250-262.	7.8	342
3	Multi-Domain Modeling of Lithium-Ion Batteries Encompassing Multi-Physics in Varied Length Scales. Journal of the Electrochemical Society, 2011, 158, A955.	2.9	277
4	Enabling fast charging “ Battery thermal considerations. Journal of Power Sources, 2017, 367, 228-236.	7.8	216
5	The rise of electric vehicles”2020 status and future expectations. Progress in Energy, 2021, 3, 022002.	10.9	132
6	Thermal/electrical modeling for abuse-tolerant design of lithium ion modules. International Journal of Energy Research, 2010, 34, 204-215.	4.5	109
7	A Techno-Economic Analysis of PEV Battery Second Use: Repurposed-Battery Selling Price and Commercial and Industrial End-User Value. , 0, , .		63
8	Thermal Management of Batteries in Advanced Vehicles Using Phase-Change Materials. World Electric Vehicle Journal, 2008, 2, 134-147.	3.0	38
9	Enabling fast charging “ Introduction and overview. Journal of Power Sources, 2017, 367, 214-215.	7.8	35
10	Energy Storage, Renewable Power Generation, and the Grid: NREL Capabilities Help to Develop and Test Energy-Storage Technologies. IEEE Electrification Magazine, 2015, 3, 30-40.	1.8	26
11	A multi-node thermal system model for lithium-ion battery packs. , 2015, , .		5
12	A techno-economic analysis of BEVs with fast charging infrastructure. , 2013, , .		1