

Shili Lin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

434
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel model of the initial state of charge estimation for LiFePO ₄ batteries. Journal of Power Sources, 2014, 248, 1028-1033.	7.8	111
2	A multilayer electro-thermal model of pouch battery during normal discharge and internal short circuit process. Applied Thermal Engineering, 2017, 120, 506-516.	6.0	85
3	Non-uniform effect on the thermal/aging performance of Lithium-ion pouch battery. Applied Thermal Engineering, 2018, 128, 1165-1174.	6.0	85
4	Performance and safety protection of internal short circuit in lithium-ion battery based on a multilayer electro-thermal coupling model. Applied Thermal Engineering, 2019, 146, 775-784.	6.0	38
5	Influence of equalization on LiFePO ₄ battery inconsistency. International Journal of Energy Research, 2017, 41, 1171-1181.	4.5	21
6	Energy management strategy and capacity optimization for CCHP system integrated with electric-thermal hybrid energy storage system. International Journal of Energy Research, 2020, 44, 1125-1139.	4.5	20
7	Electrical and thermal interplay in lithium-ion battery internal short circuit and safety protection. International Journal of Energy Research, 2020, 44, 6745-6757.	4.5	19
8	Performance of LiFePO ₄ batteries in parallel based on connection topology. Applied Energy, 2019, 252, 113407.	10.1	13
9	Investigation on dynamic equalisation performance of lithium battery pack management. IET Circuits, Devices and Systems, 2017, 11, 388-394.	1.4	10
10	An SOE estimation model considering electrothermal effect for LiFePO ₄ /C battery. International Journal of Energy Research, 2017, 41, 2413-2420.	4.5	10
11	Nonuniform current distribution within parallel-connected batteries. International Journal of Energy Research, 2018, 42, 2835-2844.	4.5	9
12	Study on the model of elevator regeneration energy and its energy storage control method. , 2015, , .		5
13	Research on the capacity of hybrid energy storage system and its control method in rail transit traction grid. , 2015, , .		5
14	Risk evaluation of internal short circuit for lithium-ion battery based on an active protection method. International Journal of Energy Research, 2022, 46, 11879-11891.	4.5	2
15	A Novel Pigeon-Inspired Optimized RBF Model for Parallel Battery Branch Forecasting. Complexity, 2021, 2021, 1-7.	1.6	1