

Xin Sui

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

581
citations

933447

10
h-index

1372567

10
g-index

27
all docs

27
docs citations

27
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Data efficient health prognostic for batteries based on sequential information-driven probabilistic neural network. Applied Energy, 2022, 323, 119663.	10.1	43
2	On the feature selection for battery state of health estimation based on charging&discharging profiles. Journal of Energy Storage, 2021, 33, 102122.	8.1	77
3	The Degradation Behavior of LiFePO4/C Batteries during Long-Term Calendar Aging. Energies, 2021, 14, 1732.	3.1	31
4	Fuzzy Entropy-Based State of Health Estimation for Li-Ion Batteries. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5125-5137.	5.4	29
5	A review of non-probabilistic machine learning-based state of health estimation techniques for Lithium-ion battery. Applied Energy, 2021, 300, 117346.	10.1	158
6	Fast and Robust Estimation of Lithium-ion Batteries State of Health Using Ensemble Learning. , 2021, , .		4
7	Multidimensional Machine Learning Balancing in Smart Battery Packs. , 2021, , .		6
8	Overview of Machine Learning Methods for Lithium-Ion Battery Remaining Useful Lifetime Prediction. Electronics (Switzerland), 2021, 10, 3126.	3.1	27
9	Overview of Methods for Battery Lifetime Extension. , 2021, , .		1
10	Lithium-ion Battery State of Health Estimation Using Empirical Mode Decomposition Sample Entropy and Support Vector Machine. , 2020, , .		5
11	Zero Torque Ripple Operation of Seven-phase Concentrated-full-pitch Winding Induction Motor Under Open Circuit faults. , 2020, , .		2
12	Wireless Smart Battery Management System for Electric Vehicles. , 2020, , .		22
13	Torque Ripple Minimization of a Five-Phase Induction Motor Under Open-Phase Faults Using Symmetrical Components. IEEE Access, 2020, 8, 114675-114691.	4.2	12
14	A Review of Pulsed Current Technique for Lithium-ion Batteries. Energies, 2020, 13, 2458.	3.1	45
15	The Effect of Pulsed Current on the Performance of Lithium-ion Batteries. , 2020, , .		9
16	Torque Ripple Minimization of Seven-Phase Induction Motor under More-than-Two-Phase Fault. , 2020, , .		2
17	Fuzzy Entropy-Based State of Health Estimation of LiFePO4 Batteries Considering Temperature Variation. , 2020, , .		1
18	Data smoothing in Fuzzy Entropy-based Battery State of Health Estimation. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Torque Ripple Suppression of a Five-phase Induction Motor under Single-phase Open. , 2020, , .		5
20	A Time-Varying Log-linear Model for Predicting the Resistance of Lithium-ion Batteries. , 2020, , .		0
21	State of Health Estimation for Lithium-ion Battery Using Fuzzy Entropy and Support Vector Machine. , 2020, , .		1
22	A review of sliding mode observers based on equivalent circuit model for battery SoC estimation. , 2019, , .		7
23	Lithium-ion battery state-of-health estimation in electric vehicle using optimized partial charging voltage profiles. Energy, 2019, 185, 1054-1062.	8.8	63
24	The Effect of Voltage Dataset Selection on the Accuracy of Entropy-Based Capacity Estimation Methods for Lithium-Ion Batteries. Applied Sciences (Switzerland), 2019, 9, 4170.	2.5	11
25	Optimization of the discharge cut-off voltage in LiFePO4 battery packs. , 2019, , .		0
26	Comparative study of different fault-tolerant control strategies for a five-phase concentrated-full-pitch winding induction motor. , 2019, , .		5
27	A Review of Management Architectures and Balancing Strategies in Smart Batteries. , 2019, , .		14