

# Xin Sui

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

581  
citations

932766

10  
h-index

1372195

10  
g-index

27  
all docs

27  
docs citations

27  
times ranked

276  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of non-probabilistic machine learning-based state of health estimation techniques for Lithium-ion battery. <i>Applied Energy</i> , 2021, 300, 117346.	5.1	158
2	On the feature selection for battery state of health estimation based on charging&discharging profiles. <i>Journal of Energy Storage</i> , 2021, 33, 102122.	3.9	77
3	Lithium-ion battery state-of-health estimation in electric vehicle using optimized partial charging voltage profiles. <i>Energy</i> , 2019, 185, 1054-1062.	4.5	63
4	A Review of Pulsed Current Technique for Lithium-ion Batteries. <i>Energies</i> , 2020, 13, 2458.	1.6	45
5	Data efficient health prognostic for batteries based on sequential information-driven probabilistic neural network. <i>Applied Energy</i> , 2022, 323, 119663.	5.1	43
6	The Degradation Behavior of LiFePO <sub>4</sub> /C Batteries during Long-Term Calendar Aging. <i>Energies</i> , 2021, 14, 1732.	1.6	31
7	Fuzzy Entropy-Based State of Health Estimation for Li-Ion Batteries. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021, 9, 5125-5137.	3.7	29
8	Overview of Machine Learning Methods for Lithium-Ion Battery Remaining Useful Lifetime Prediction. <i>Electronics (Switzerland)</i> , 2021, 10, 3126.	1.8	27
9	Wireless Smart Battery Management System for Electric Vehicles. , 2020, , .		22
10	A Review of Management Architectures and Balancing Strategies in Smart Batteries. , 2019, , .		14
11	Torque Ripple Minimization of a Five-Phase Induction Motor Under Open-Phase Faults Using Symmetrical Components. <i>IEEE Access</i> , 2020, 8, 114675-114691.	2.6	12
12	The Effect of Voltage Dataset Selection on the Accuracy of Entropy-Based Capacity Estimation Methods for Lithium-Ion Batteries. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4170.	1.3	11
13	The Effect of Pulsed Current on the Performance of Lithium-ion Batteries. , 2020, , .		9
14	A review of sliding mode observers based on equivalent circuit model for battery SoC estimation. , 2019, , .		7
15	Multidimensional Machine Learning Balancing in Smart Battery Packs. , 2021, , .		6
16	Comparative study of different fault-tolerant control strategies for a five-phase concentrated-full-pitch winding induction motor. , 2019, , .		5
17	Lithium-ion Battery State of Health Estimation Using Empirical Mode Decomposition Sample Entropy and Support Vector Machine. , 2020, , .		5
18	Torque Ripple Suppression of a Five-phase Induction Motor under Single-phase Open. , 2020, , .		5

#	ARTICLE	IF	CITATIONS
19	Fast and Robust Estimation of Lithium-ion Batteries State of Health Using Ensemble Learning. , 2021, , .		4
20	Zero Torque Ripple Operation of Seven-phase Concentrated-full-pitch Winding Induction Motor Under Open Circuit faults. , 2020, , .		2
21	Torque Ripple Minimization of Seven-Phase Induction Motor under More-than-Two-Phase Fault. , 2020, , .		2
22	Fuzzy Entropy-Based State of Health Estimation of LiFePO4 Batteries Considering Temperature Variation. , 2020, , .		1
23	Data smoothing in Fuzzy Entropy-based Battery State of Health Estimation. , 2020, , .		1
24	State of Health Estimation for Lithium-ion Battery Using Fuzzy Entropy and Support Vector Machine. , 2020, , .		1
25	Overview of Methods for Battery Lifetime Extension. , 2021, , .		1
26	Optimization of the discharge cut-off voltage in LiFePO4 battery packs. , 2019, , .		0
27	A Time-Varying Log-linear Model for Predicting the Resistance of Lithium-ion Batteries. , 2020, , .		0