

# Weixiang Shen

## List of Publications by Year in descending order

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167  
papers

7,082  
citations

57758

44  
h-index

64796

79  
g-index

173  
all docs

173  
docs citations

173  
times ranked

4437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium-ion battery aging mechanisms and diagnosis method for automotive applications: Recent advances and perspectives. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 131, 110048.	16.4	312
2	A Lithium-Ion Battery-in-the-Loop Approach to Test and Validate Multiscale Dual H Infinity Filters for State-of-Charge and Capacity Estimation. <i>IEEE Transactions on Power Electronics</i> , 2018, 33, 332-342.	7.9	207
3	A Novel Fractional Order Model for State of Charge Estimation in Lithium Ion Batteries. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 4130-4139.	6.3	186
4	A novel approach for state of charge estimation based on adaptive switching gain sliding mode observer in electric vehicles. <i>Journal of Power Sources</i> , 2014, 246, 667-678.	7.8	182
5	Lithium-Ion Battery Pack State of Charge and State of Energy Estimation Algorithms Using a Hardware-in-the-Loop Validation. <i>IEEE Transactions on Power Electronics</i> , 2017, 32, 4421-4431.	7.9	178
6	Review of mechanical design and strategic placement technique of a robust battery pack for electric vehicles. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 60, 1319-1331.	16.4	177
7	Lithium-Ion Battery Parameters and State-of-Charge Joint Estimation Based on H-Infinity and Unscented Kalman Filters. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 8693-8701.	6.3	177
8	Single-Phase Uninterruptible Power Supply Based on Z-Source Inverter. <i>IEEE Transactions on Industrial Electronics</i> , 2008, 55, 2997-3004.	7.9	173
9	A novel multi-model probability battery state of charge estimation approach for electric vehicles using H-infinity algorithm. <i>Applied Energy</i> , 2016, 166, 76-83.	10.1	170
10	A Sensor Fault Diagnosis Method for a Lithium-Ion Battery Pack in Electric Vehicles. <i>IEEE Transactions on Power Electronics</i> , 2019, 34, 9709-9718.	7.9	170
11	The available capacity computation model based on artificial neural network for lead-acid batteries in electric vehicles. <i>Journal of Power Sources</i> , 2000, 87, 201-204.	7.8	167
12	Sliding Mode Control for Steer-by-Wire Systems With AC Motors in Road Vehicles. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 1596-1611.	7.9	166
13	State-of-charge estimation of lithium-ion battery using an improved neural network model and extended Kalman filter. <i>Journal of Cleaner Production</i> , 2019, 234, 1153-1164.	9.3	157
14	State-of-Health Estimation Based on Differential Temperature for Lithium Ion Batteries. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 10363-10373.	7.9	156
15	Deep neural network battery charging curve prediction using 30 points collected in 10 min. <i>Joule</i> , 2021, 5, 1521-1534.	24.0	152
16	Robust Adaptive Sliding-Mode Observer Using RBF Neural Network for Lithium-Ion Battery State of Charge Estimation in Electric Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 1936-1947.	6.3	151
17	State-of-charge estimation of LiFePO <sub>4</sub> batteries in electric vehicles: A deep-learning enabled approach. <i>Applied Energy</i> , 2021, 291, 116812.	10.1	151
18	Optimally sizing of solar array and battery in a standalone photovoltaic system in Malaysia. <i>Renewable Energy</i> , 2009, 34, 348-352.	8.9	145

#	ARTICLE	IF	CITATIONS
19	Towards a smarter battery management system: A critical review on optimal charging methods of lithium ion batteries. <i>Energy</i> , 2019, 183, 220-234.	8.8	141
20	New charging strategy for lithium-ion batteries based on the integration of Taguchi method and state of charge estimation. <i>Journal of Power Sources</i> , 2015, 273, 413-422.	7.8	131
21	Online Fault Diagnosis of External Short Circuit for Lithium-Ion Battery Pack. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 1081-1091.	7.9	125
22	Electrode ageing estimation and open circuit voltage reconstruction for lithium ion batteries. <i>Energy Storage Materials</i> , 2021, 37, 283-295.	18.0	124
23	Smoothing wind power fluctuations by fuzzy logic pitch angle controller. <i>Renewable Energy</i> , 2012, 38, 224-233.	8.9	109
24	A new battery available capacity indicator for electric vehicles using neural network. <i>Energy Conversion and Management</i> , 2002, 43, 817-826.	9.2	106
25	Adaptive neuro-fuzzy modeling of battery residual capacity for electric vehicles. <i>IEEE Transactions on Industrial Electronics</i> , 2002, 49, 677-684.	7.9	99
26	A novel approach to reconstruct open circuit voltage for state of charge estimation of lithium ion batteries in electric vehicles. <i>Applied Energy</i> , 2019, 255, 113758.	10.1	99
27	A review on state of health estimation for lithium ion batteries in photovoltaic systems. <i>ETransportation</i> , 2019, 2, 100028.	14.8	95
28	Optimally sizing of battery energy storage capacity by operational optimization of residential PV-Battery systems: An Australian household case study. <i>Renewable Energy</i> , 2020, 160, 852-864.	8.9	95
29	An Improved Virtual Space Vector Modulation Scheme for Three-Level Active Neutral-Point-Clamped Inverter. <i>IEEE Transactions on Power Electronics</i> , 2017, 32, 7419-7434.	7.9	88
30	An overview of lithium-ion batteries for electric vehicles. , 2012, , .		87
31	Flexible battery state of health and state of charge estimation using partial charging data and deep learning. <i>Energy Storage Materials</i> , 2022, 51, 372-381.	18.0	84
32	Extreme Learning Machine-Based Thermal Model for Lithium-Ion Batteries of Electric Vehicles under External Short Circuit. <i>Engineering</i> , 2021, 7, 395-405.	6.7	82
33	Battery state-of-charge estimation amid dynamic usage with physics-informed deep learning. <i>Energy Storage Materials</i> , 2022, 50, 718-729.	18.0	79
34	Nonlinear Controller Design for Series-Compensated DFIG-Based Wind Farms to Mitigate Subsynchronous Control Interaction. <i>IEEE Transactions on Energy Conversion</i> , 2017, 32, 707-719.	5.2	76
35	Robust Control for Steer-by-Wire Systems With Partially Known Dynamics. <i>IEEE Transactions on Industrial Informatics</i> , 2014, 10, 2003-2015.	11.3	75
36	Neural Network-Based Residual Capacity Indicator for Nickel-Metal Hydride Batteries in Electric Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2005, 54, 1705-1712.	6.3	70

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37	State of available capacity estimation for lead-acid batteries in electric vehicles using neural network. Energy Conversion and Management, 2007, 48, 433-442.	9.2	70
38	An improved theoretical electrochemical-thermal modelling of lithium-ion battery packs in electric vehicles. Journal of Power Sources, 2015, 284, 328-338.	7.8	70
39	Adaptive gain sliding mode observer for state of charge estimation based on combined battery equivalent circuit model. Computers and Chemical Engineering, 2014, 64, 114-123.	3.8	67
40	Efficiency analysis of a bidirectional DC/DC converter in a hybrid energy storage system for plug-in hybrid electric vehicles. Applied Energy, 2016, 183, 612-622.	10.1	61
41	Co-Estimation of State of Charge and Capacity for Lithium-Ion Batteries with Multi-Stage Model Fusion Method. Engineering, 2021, 7, 1469-1482.	6.7	61
42	Charging algorithms of lithium-ion batteries: An overview. , 2012, , .		55
43	Current sensor fault diagnosis method based on an improved equivalent circuit battery model. Applied Energy, 2022, 310, 118588.	10.1	52
44	A novel aggregated DFIG wind farm model using mechanical torque compensating factor. Energy Conversion and Management, 2013, 67, 265-274.	9.2	50
45	Online simultaneous identification of parameters and order of a fractional order battery model. Journal of Cleaner Production, 2020, 247, 119147.	9.3	47
46	Impact of demand side management on optimal sizing of residential battery energy storage system. Renewable Energy, 2021, 172, 1250-1266.	8.9	47
47	Novel active LiFePO <sub>4</sub> battery balancing method based on chargeable and dischargeable capacity. Computers and Chemical Engineering, 2017, 97, 27-35.	3.8	45
48	Neural network based computational model for estimation of heat generation in LiFePO <sub>4</sub> pouch cells of different nominal capacities. Computers and Chemical Engineering, 2017, 101, 81-94.	3.8	44
49	Deep neural network battery impedance spectra prediction by only using constant-current curve. Energy Storage Materials, 2021, 41, 24-31.	18.0	44
50	Transient stability of power system integrated with doubly fed induction generator wind farms. IET Renewable Power Generation, 2015, 9, 184-194.	3.1	43
51	Robust nonlinear adaptive backstepping excitation controller design for rejecting external disturbances in multimachine power systems. International Journal of Electrical Power and Energy Systems, 2017, 84, 76-86.	5.5	40
52	Estimation of battery available capacity under variable discharge currents. Journal of Power Sources, 2002, 103, 180-187.	7.8	39
53	Nonlinear Adaptive Excitation Controller Design for Multimachine Power Systems With Unknown Stability Sensitive Parameters. IEEE Transactions on Control Systems Technology, 2017, 25, 2060-2072.	5.2	38
54	Comparison of decomposition levels for wavelet transform based energy management in a plug-in hybrid electric vehicle. Journal of Cleaner Production, 2019, 210, 1085-1097.	9.3	37

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55	A Review of Equivalent Circuit Model Based Online State of Power Estimation for Lithium-Ion Batteries in Electric Vehicles. <i>Vehicles</i> , 2022, 4, 1-31.	3.1	37
56	Neutralâ€point potential balancing control strategy of threeâ€level active NPC inverter based on SHEPWM. <i>IET Power Electronics</i> , 2017, 10, 1943-1950.	2.1	35
57	A novel thermal management system for improving discharge/charge performance of Li-ion battery packs under abuse. <i>Journal of Power Sources</i> , 2018, 378, 759-775.	7.8	35
58	A new battery capacity indicator for nickelâ€metal hydride battery powered electric vehicles using adaptive neuro-fuzzy inference system. <i>Energy Conversion and Management</i> , 2003, 44, 2059-2071.	9.2	32
59	A Nine-Level Inverter for Low-Voltage Applications. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 1659-1671.	7.9	32
60	Fractional order battery modelling methodologies for electric vehicle applications: Recent advances and perspectives. <i>Science China Technological Sciences</i> , 2020, 63, 2211-2230.	4.0	31
61	Application of Robust Design Methodology to Battery Packs for Electric Vehicles: Identification of Critical Technical Requirements for Modular Architecture. <i>Batteries</i> , 2018, 4, 30.	4.5	30
62	Robust active disturbance rejection controller design to improve lowâ€voltage rideâ€through capability of doubly fed induction generator wind farms. <i>IET Renewable Power Generation</i> , 2015, 9, 961-969.	3.1	29
63	A distributed charging strategy based on day ahead price model for PV-powered electric vehicle charging station. <i>Applied Soft Computing Journal</i> , 2019, 76, 638-648.	7.2	29
64	Electro-thermal coupling model of lithium-ion batteries under external short circuit. <i>Applied Energy</i> , 2021, 293, 116910.	10.1	28
65	A novel approach of maximizing energy harvesting in photovoltaic systems based on bisection search theorem. , 2010, , .		27
66	Comparative study on fault responses of synchronous generators and wind turbine generators using transient stability index based on transient energy function. <i>International Journal of Electrical Power and Energy Systems</i> , 2013, 51, 145-152.	5.5	27
67	Aging investigation of an echelon internal heating method on a three-electrode lithium ion cell at low temperatures. <i>Journal of Energy Storage</i> , 2019, 25, 100878.	8.1	27
68	Investigation of mechanical property of cylindrical lithium-ion batteries under dynamic loadings. <i>Journal of Power Sources</i> , 2020, 451, 227749.	7.8	27
69	DC-AC hybrid rapid heating method for lithium-ion batteries at high state of charge operated from low temperatures. <i>Energy</i> , 2022, 238, 121809.	8.8	25
70	Nonâ€linear adaptive coordinated controller design for multimachine power systems to improve transient stability. <i>IET Generation, Transmission and Distribution</i> , 2016, 10, 3353-3363.	2.5	24
71	Investigation of Internal Short Circuits of Lithium-Ion Batteries under Mechanical Abusive Conditions. <i>Energies</i> , 2019, 12, 1885.	3.1	24
72	Frequency and time domain modelling and online state of charge monitoring for ultracapacitors. <i>Energy</i> , 2019, 176, 874-887.	8.8	24

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73	A Comparative Study of Fractional Order Models on State of Charge Estimation for Lithium Ion Batteries. Chinese Journal of Mechanical Engineering (English Edition), 2020, 33, .	3.7	24
74	Enhanced Lithium-ion battery model considering critical surface charge behavior. Applied Energy, 2022, 314, 118915.	10.1	24
75	Quantitative assessment and comparison of fault responses for synchronous generator and wind turbine generators based on modified transient energy function. IET Renewable Power Generation, 2014, 8, 474-483.	3.1	22
76	Critical analysis of open circuit voltage and its effect on estimation of irreversible heat for Li-ion pouch cells. Journal of Power Sources, 2017, 350, 117-126.	7.8	21
77	A Fast Multi-Switched Inductor Balancing System Based on a Fuzzy Logic Controller for Lithium-Ion Battery Packs in Electric Vehicles. Energies, 2017, 10, 1034.	3.1	21
78	Improved constitutive model of the jellyroll for cylindrical lithium ion batteries considering microscopic damage. Energy, 2019, 185, 202-212.	8.8	20
79	Energy management strategy of connected hybrid electric vehicles considering electricity and oil price fluctuations: A case study of ten typical cities in China. Journal of Energy Storage, 2021, 36, 102347.	8.1	20
80	A Novel Active Online State of Charge Based Balancing Approach for Lithium-Ion Battery Packs during Fast Charging Process in Electric Vehicles. Energies, 2017, 10, 1766.	3.1	19
81	Review on sensors fault diagnosis and fault-tolerant techniques for lithium ion batteries in electric vehicles. , 2018, , .		19
82	A Soft Short-Circuit Diagnosis Method for Lithium-Ion Battery Packs in Electric Vehicles. IEEE Transactions on Power Electronics, 2022, 37, 8572-8581.	7.9	19
83	A data-model fusion method for online state of power estimation of lithium-ion batteries at high discharge rate in electric vehicles. Energy, 2022, 254, 124270.	8.8	18
84	Robust adaptive backstepping excitation controller design for simple power system models with external disturbances. , 2015, , .		17
85	A review on transient stability of DFIG integrated power system. International Journal of Sustainable Engineering, 2015, 8, 405-416.	3.5	17
86	An Adaptive Partial Feedback Linearizing Control Scheme: An Application to a Single Machine Infinite Bus System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2557-2561.	3.0	17
87	Study on the Control Strategy for Parallel Operation of Inverters Based on Adaptive Droop Method. , 2006, , .		16
88	Nonlinear excitation control of synchronous generators based on adaptive backstepping method. , 2015, , .		16
89	Nonlinear adaptive excitation controller design for multimachine power systems. , 2015, , .		15
90	Design of Single Phase Grid-connected Photovoltaic Power Plant based on String Inverters. , 2006, , .		14

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91	Fast finite-time consensus of a class of high-order uncertain nonlinear systems. , 2010, , .		14
92	Model predictive control based real-time energy management for a hybrid energy storage system. CSEE Journal of Power and Energy Systems, 2020, , .	1.1	14
93	A non-linear adaptive excitation control scheme for feedback linearized synchronous generations in multimachine power systems. IET Generation, Transmission and Distribution, 2021, 15, 1501-1520.	2.5	14
94	On-board soft short circuit fault diagnosis of lithium-ion battery packs for electric vehicles using extended Kalman filter. CSEE Journal of Power and Energy Systems, 2020, , .	1.1	14
95	Data-driven battery degradation prediction: Forecasting voltage-capacity curves using one-cycle data. EcoMat, 2022, 4, .	11.9	14
96	Mathematical model of a solar module for energy yield simulation in photovoltaic systems. , 2009, , .		13
97	Economical evaluation of large-scale photovoltaic systems using Universal Generating Function techniques. Journal of Modern Power Systems and Clean Energy, 2013, 1, 167-176.	5.4	13
98	A joint grey relational analysis based state of health estimation for lithium ion batteries considering temperature effects. Journal of Energy Storage, 2021, 42, 103102.	8.1	13
99	Hierarchical Optimization Method for Energy Scheduling of Multiple Microgrids. Applied Sciences (Switzerland), 2019, 9, 624.	2.5	12
100	Distributed Peer-to-Peer Electricity Trading Considering Network Loss in a Distribution System. Energies, 2019, 12, 4318.	3.1	12
101	An enhanced multi-constraint state of power estimation algorithm for lithium-ion batteries in electric vehicles. Journal of Energy Storage, 2022, 50, 104628.	8.1	11
102	Multiobjective Particle Swarm Optimization for Microgrids Pareto Optimization Dispatch. Mathematical Problems in Engineering, 2020, 2020, 1-13.	1.1	10
103	Development of a LabVIEW-based test facility for standalone PV systems. , 2006, , .		9
104	Self-organising map based classification of LiFePO <sub>4</sub> cells for battery pack in EVs. International Journal of Vehicle Design, 2015, 69, 151.	0.3	9
105	Robust direct power control of grid-connected photovoltaic systems based on adaptive partial feedback linearization. , 2017, , .		9
106	A New Rotor Position Measurement Method for Permanent Magnet Spherical Motors. Applied Sciences (Switzerland), 2018, 8, 2415.	2.5	9
107	Experimental comparison of charging algorithms for a lithium-ion battery. , 2012, , .		8
108	Adaptive gain sliding mode observer for state of charge estimation based on combined battery equivalent circuit model in electric vehicles. , 2013, , .		8

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109	Robust adaptive backstepping controller design for DC-DC buck converters with external disturbances. , 2016, , .		8
110	A study on standalone photovoltaic system with real meteorological data at Malaysia. , 2005, , .		7
111	A new terminal sliding mode tracking control for a class of nonminimum phase systems with uncertain dynamics. , 2008, , .		7
112	Development of a mathematical model for solar module in photovoltaic systems. , 2011, , .		7
113	A nonlinear adaptive backstepping approach for coordinated excitation and steam-valving control of synchronous generators. , 2015, , .		7
114	Comparison of two battery equivalent circuit models for state of charge estimation in electric vehicles. , 2015, , .		7
115	Stability enhancement of DFIG wind turbine using LQR pitch control over rated wind speed. , 2016, , .		7
116	Intelligent battery management for electric and hybrid electric vehicles: A survey. , 2016, , .		7
117	IEEE Access Special Section Editorial: Advanced Energy Storage Technologies and Their Applications. IEEE Access, 2020, 8, 218685-218693.	4.2	7
118	Robust longitudinal motion control of underground mining electric vehicles based on fuzzy parameter tuning sliding mode controller. Computers and Electrical Engineering, 2022, 98, 107683.	4.8	7
119	A comparative study of observer design techniques for state of charge estimation in electric vehicles. , 2012, , .		6
120	Economical Optimization for Multi-Microgrid Based on Stackelberg Game. , 2019, , .		6
121	Energy Market Management for Distribution Network with a Multi-Microgrid System: A Dynamic Game Approach. Applied Sciences (Switzerland), 2019, 9, 5436.	2.5	6
122	A Review of Battery Energy Storage Systems for Residential DC Microgrids and Their Economical Comparisons. DEStech Transactions on Environment Energy and Earth Science, 2019, , .	0.0	6
123	H infinity observer based state of charge estimation for battery packs in electric vehicles. , 2016, , .		5
124	Robust sliding mode control for Steer-by-Wire systems with AC motors in road vehicles. , 2013, , .		4
125	State of charge estimation based on improved Li-ion battery model using extended Kalman filter. , 2013, , .		4
126	The mathematical model of 18650 lithium-ion battery in electric vehicles. , 2013, , .		4



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127	Robust sliding mode observer using RBF neural network for lithium-ion battery state of charge estimation in electric vehicles. , 2014, , .		4
128	Sliding mode control of longitudinal motions for underground mining electric vehicles with parametric uncertainties. International Journal of Modelling, Identification and Control, 2016, 26, 68.	0.2	4
129	Investigation of standalone photovoltaic systems. , 2011, , .		3
130	Development of Thermal-Electrochemical Model for Lithium Ion 18650 Battery Packs in Electric Vehicles. , 2013, , .		3
131	Designing a Robust Battery Pack for Electric Vehicles Using a Modified Parameter Diagram. , 2015, , .		3
132	Research on High Frequency Voltage Injection Method for PMSM. , 2019, , .		3
133	Experimental Study on External Short Circuit and Overcharge of Lithium-ion Battery Packs for Electric Vehicles. , 2020, , .		3
134	Application of genetic algorithms in the design of a solar array-exclusive standalone photovoltaic system. , 2008, , .		2
135	Expected energy production evaluation for photovoltaic systems. , 2011, , .		2
136	Impact of electric vehicles and renewable energy systems on cost and emission of electricity. , 2012, , .		2
137	Terminal sliding mode control for steer-by-wire system in electric vehicles. , 2012, , .		2
138	Energy evaluation and smart microgrid for rural Sarawak. , 2014, , .		2
139	Dynamic validated model of a DFIG wind turbine. International Journal of Renewable Energy Technology, 2014, 5, 372.	0.3	2
140	New on-line approach for lithium iron phosphate battery pack balancing based on state of charge. , 2015, , .		2
141	Fuzzy logic controller for battery balancing system for lithium-iron phosphate battery pack. , 2017, , .		2
142	State of charge estimation for battery packs using H-infinity observer in underground mine electric vehicles. Australian Journal of Electrical and Electronics Engineering, 2017, 14, 49-58.	1.2	2
143	Study on a Novel Boost Battery Charger. , 2006, , .		1
144	Impact of DFIG wind turbines on transient stability of power systems &#x2014; A review. , 2013, , .		1

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145	An improved battery pack equalizer based on a DC/DC converter with fuzzy logic controller. , 2014, , .		1
146	Clustering LiFePO <sub>4</sub> cells for battery pack based on neural network in EVs. , 2014, , .		1
147	Investigation of critical parameters for stability analysis of wind generation systems with DFIGs. , 2014, , .		1
148	A novel efficient numerical method to simulate electrochemical process for a lithium ion battery. Russian Journal of Electrochemistry, 2016, 52, 584-594.	0.9	1
149	Battery system selection in DC microgrids for residential applications: an Australian case study. , 2019, , .		1
150	Fuzzy parameter tuning sliding mode control for longitudinal motion of underground mining electric vehicles based on a single wheel model. , 2016, , .		1
151	Impact of demand side management on Peer-to-Peer energy trading in a DC microgrid. , 2021, , .		1
152	A Control Method for PWM AC/DC Converter by Use of Inductor Current Feed Forward and Feedback. , 2006, , .		0
153	Modelling of electric vehicles for underground mining personnel transport. , 2013, , .		0
154	Enhancement of transient stability of DFIG wind turbine using active disturbance rejection controller. , 2014, , .		0
155	Sliding mode control for longitudinal motion of underground mining electric vehicles. , 2014, , .		0
156	Fuzzy Sliding Mode Control for longitudinal motion of underground mining electric vehicles. , 2015, , .		0
157	Improved active cell balancing approach based on state of charge for lithium iron phosphate batteries. , 2018, , .		0
158	Optimization of Model Prediction Control for Permanent Magnet Synchronous Motor. , 2019, , .		0
159	Estimation of Residual Available Capacity for Lead Acid Batteries in Electric Vehicles. Journal of Asian Electric Vehicles, 2006, 4, 861-867.	0.4	0
160	Comparison and Selection of LiFePO <sub>4</sub> Battery System in Underground Mine Electric Vehicles. DEStech Transactions on Environment Energy and Earth Science, 2019, , .	0.0	0
161	Distributed Optimization Dispatch Strategy for Multi-agent System Based Isolated Microgrid. DEStech Transactions on Environment Energy and Earth Science, 2019, , .	0.0	0
162	The Energy Management System Based on Model Predictive Control for Microgrid. DEStech Transactions on Environment Energy and Earth Science, 2019, , .	0.0	0

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163	Multi-objective Optimization of Distribution Network Based on Model Predictive Control. DEStech Transactions on Environment Energy and Earth Science, 2019, , .	0.0	0
164	Joint Grey Correlation Degree based Incremental Capacity Analysis for State-of-Health Estimation of Lithium Ion Battery. , 2020, , .		0
165	Feasibility Study of Integrating Photovoltaic Generation Power Plant into a Distribution Network in Pakistan. , 2021, , .		0
166	Review of battery charging strategies for electric vehicles. , 2016, , 211-259.		0
167	Advances in Rechargeable Lithium Ion Batteries and their Systems for Electric and Hybrid Electric Vehicles. , 2020, , 99-126.		0