Zong-hai Chen

List of Publications by Year
in descending order

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167 papers	9,198 citations	30070 54 h-index	42399 92 g-index
169 all docs	169 docs citations	169 times ranked	4228 citing authors

#	Article	IF	Citations
1	A comprehensive review of battery modeling and state estimation approaches for advanced battery management systems. Renewable and Sustainable Energy Reviews, 2020, 131, 110015.	16.4	631
2	A novel Gaussian process regression model for state-of-health estimation of lithium-ion battery using charging curve. Journal of Power Sources, 2018, 384, 387-395.	7.8	475
3	Remaining Useful Life Prediction and State of Health Diagnosis for Lithium-Ion Batteries Using Particle Filter and Support Vector Regression. IEEE Transactions on Industrial Electronics, 2018, 65, 5634-5643.	7.9	416
4	An online method for lithium-ion battery remaining useful life estimation using importance sampling and neural networks. Applied Energy, 2016, 173, 134-140.	10.1	382
5	A new model for State-of-Charge (SOC) estimation for high-power Li-ion batteries. Applied Energy, 2013, 101, 808-814.	10.1	230
6	A method for the estimation of the battery pack state of charge based on in-pack cells uniformity analysis. Applied Energy, 2014, 113, 558-564.	10.1	208
7	A novel temperature-compensated model for power Li-ion batteries with dual-particle-filter state of charge estimation. Applied Energy, 2014, 123, 263-272.	10.1	200
8	A method for state-of-charge estimation of LiFePO4 batteries at dynamic currents and temperatures using particle filter. Journal of Power Sources, 2015, 279, 306-311.	7.8	194
9	A novel state of health estimation method of Li-ion battery using group method of data handling. Journal of Power Sources, 2016, 327, 457-464.	7.8	186
10	A method for joint estimation of state-of-charge and available energy of LiFePO 4 batteries. Applied Energy, 2014, 135, 81-87.	10.1	176
11	Battery Health Prognosis Using Brownian Motion Modeling and Particle Filtering. IEEE Transactions on Industrial Electronics, 2018, 65, 8646-8655.	7.9	176
12	Energy management strategy for battery/supercapacitor/fuel cell hybrid source vehicles based on finite state machine. Applied Energy, 2019, 254, 113707.	10.1	164
13	State-of-health estimation for the lithium-ion battery based on support vector regression. Applied Energy, 2018, 227, 273-283.	10.1	157
14	Modeling and state-of-charge prediction of lithium-ion battery and ultracapacitor hybrids with a co-estimator. Energy, 2017, 121, 739-750.	8.8	156
15	A method for state of energy estimation of lithium-ion batteries at dynamic currents and temperatures. Journal of Power Sources, 2014, 270, 151-157.	7.8	150
16	Online state of charge estimation and open circuit voltage hysteresis modeling of LiFePO4 battery using invariant imbedding method. Applied Energy, 2016, 162, 163-171.	10.1	144
17	A method for state of energy estimation of lithium-ion batteries based on neural network model. Energy, 2015, 90, 879-888.	8.8	142
18	A review of key issues for control and management in battery and ultra-capacitor hybrid energy storage systems. ETransportation, 2020, 4, 100064.	14.8	134

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19	A framework for state-of-charge and remaining discharge time prediction using unscented particle filter. Applied Energy, 2020, 260, 114324.	10.1	132
20	Adaptive energy management strategy for fuel cell/battery hybrid vehicles using Pontryagin's Minimal Principle. Journal of Power Sources, 2019, 440, 227105.	7.8	123
21	A novel active equalization method for lithium-ion batteries in electric vehicles. Applied Energy, 2015, 145, 36-42.	10.1	122
22	Degradation model and cycle life prediction for lithium-ion battery used in hybrid energy storage system. Energy, 2019, 166, 796-806.	8.8	121
23	Particle filter-based state-of-charge estimation and remaining-dischargeable-time prediction method for lithium-ion batteries. Journal of Power Sources, 2019, 414, 158-166.	7.8	119
24	A method for state-of-charge estimation of LiFePO4 batteries based on a dual-circuit state observer. Journal of Power Sources, 2015, 296, 23-29.	7.8	118
25	Development of energy management system based on a rule-based power distribution strategy for hybrid power sources. Energy, 2019, 175, 1055-1066.	8.8	118
26	An online model-based method for state of energy estimation of lithium-ion batteries using dual filters. Journal of Power Sources, 2016, 301, 277-286.	7.8	114
27	A fractional-order model-based state estimation approach for lithium-ion battery and ultra-capacitor hybrid power source system considering load trajectory. Journal of Power Sources, 2020, 449, 227543.	7.8	111
28	A Neural Network Based State-of-Health Estimation of Lithium-ion Battery in Electric Vehicles. Energy Procedia, 2017, 105, 2059-2064.	1.8	109
29	Probability based remaining capacity estimation using data-driven and neural network model. Journal of Power Sources, 2016, 315, 199-208.	7.8	101
30	Low temperature preheating techniques for Lithium-ion batteries: Recent advances and future challenges. Applied Energy, 2022, 313, 118832.	10.1	100
31	An on-line estimation of battery pack parameters and state-of-charge using dual filters based on pack model. Energy, 2016, 115, 219-229.	8.8	99
32	A novel approach of battery pack state of health estimation using artificial intelligence optimization algorithm. Journal of Power Sources, 2018, 376, 191-199.	7.8	98
33	An adaptive remaining energy prediction approach for lithium-ion batteries in electric vehicles. Journal of Power Sources, 2016, 305, 80-88.	7.8	97
34	A novel method for lithium-ion battery state of energy and state of power estimation based on multi-time-scale filter. Applied Energy, 2018, 216, 442-451.	10.1	95
35	A method for state-of-charge estimation of Li-ion batteries based on multi-model switching strategy. Applied Energy, 2015, 137, 427-434.	10.1	92
36	Kalman filter for onboard state of charge estimation and peak power capability analysis of lithium-ion batteries. Journal of Power Sources, 2016, 328, 615-626.	7.8	87

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37	Digital twin and cloud-side-end collaboration for intelligent battery management system. Journal of Manufacturing Systems, 2022, 62, 124-134.	13.9	87
38	Capacity attenuation mechanism modeling and health assessment of lithium-ion batteries. Energy, 2021, 221, 119682.	8.8	84
39	Experimental study of fractional-order models for lithium-ion battery and ultra-capacitor: Modeling, system identification, and validation. Applied Energy, 2020, 278, 115736.	10.1	83
40	Load-adaptive real-time energy management strategy for battery/ultracapacitor hybrid energy storage system using dynamic programming optimization. Journal of Power Sources, 2019, 438, 227024.	7.8	82
41	Multi-timescale power and energy assessment of lithium-ion battery and supercapacitor hybrid system using extended Kalman filter. Journal of Power Sources, 2018, 389, 93-105.	7.8	79
42	An improved particle filter for mobile robot localization based on particle swarm optimization. Expert Systems With Applications, 2019, 135, 181-193.	7.6	79
43	Model based insulation fault diagnosis for lithium-ion battery pack in electric vehicles. Measurement: Journal of the International Measurement Confederation, 2019, 131, 443-451.	5.0	77
44	On-line battery state-of-charge estimation based on an integrated estimator. Applied Energy, 2017, 185, 2026-2032.	10.1	75
45	Voltage fault detection for lithium-ion battery pack using local outlier factor. Measurement: Journal of the International Measurement Confederation, 2019, 146, 544-556.	5.0	72
46	Power capability evaluation for lithium iron phosphate batteries based on multi-parameter constraints estimation. Journal of Power Sources, 2018, 374, 12-23.	7.8	68
47	Min-max game based energy management strategy for fuel cell/supercapacitor hybrid electric vehicles. Applied Energy, 2020, 267, 115086.	10.1	67
48	System state estimation and optimal energy control framework for multicell lithium-ion battery system. Applied Energy, 2017, 187, 37-49.	10.1	65
49	Remaining dischargeable time prediction for lithium-ion batteries using unscented Kalman filter. Journal of Power Sources, 2017, 364, 316-327.	7.8	64
50	On-line remaining energy prediction: A case study in embedded battery management system. Applied Energy, 2017, 194, 688-695.	10.1	62
51	DP-SLAM: A visual SLAM with moving probability towards dynamic environments. Information Sciences, 2021, 556, 128-142.	6.9	61
52	Sizing Optimization and Energy Management Strategy for Hybrid Energy Storage System Using Multiobjective Optimization and Random Forests. IEEE Transactions on Power Electronics, 2021, 36, 11421-11430.	7.9	61
53	Energy Management Strategy for Grid-Tied Microgrids Considering the Energy Storage Efficiency. IEEE Transactions on Industrial Electronics, 2018, 65, 9539-9549.	7.9	60
54	Consistency evaluation and cluster analysis for lithium-ion battery pack in electric vehicles. Energy, 2020, 194, 116944.	8.8	58

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55	A comparative study of power allocation strategies used in fuel cell and ultracapacitor hybrid systems. Energy, 2019, 189, 116142.	8.8	57
56	Modeling and control of PEMFC air supply system based on T-S fuzzy theory and predictive control. Energy, 2019, 188, 116078.	8.8	56
57	Appearance based pedestriansâ€™ head pose and body orientation estimation using deep learning. Neurocomputing, 2018, 272, 647-659.	5.9	55
58	Performance degradation prediction of proton exchange membrane fuel cell using a hybrid prognostic approach. International Journal of Hydrogen Energy, 2020, 45, 30994-31008.	7.1	53
59	A Power Distribution Strategy for Hybrid Energy Storage System Using Adaptive Model Predictive Control. IEEE Transactions on Power Electronics, 2020, 35, 5897-5906.	7.9	52
60	A novel approach of remaining discharge energy prediction for large format lithium-ion battery pack. Journal of Power Sources, 2017, 343, 216-225.	7.8	50
61	Quantum robot: structure, algorithms and applications. Robotica, 2006, 24, 513-521.	1.9	49
62	Data-Driven Energy Management in a Home Microgrid Based on Bayesian Optimal Algorithm. IEEE Transactions on Industrial Informatics, 2019, 15, 869-877.	11.3	42
63	On-board adaptive model for state of charge estimation of lithium-ion batteries based on Kalman filter with proportional integral-based error adjustment. Journal of Power Sources, 2017, 365, 308-319.	7.8	39
64	Remaining Useful Life Prediction of Lithium-ion Battery Based on Discrete Wavelet Transform. Energy Procedia, 2017, 105, 2053-2058.	1.8	38
65	Fast object detection based on selective visual attention. Neurocomputing, 2014, 144, 184-197.	5.9	36
66	Rule-based energy management strategy of a lithium-ion battery, supercapacitor and PEM fuel cell system. Energy Procedia, 2019, 158, 2555-2560.	1.8	35
67	Robust fault diagnosis and fault tolerant control for PEMFC system based on an augmented LPV observer. International Journal of Hydrogen Energy, 2020, 45, 13508-13522.	7.1	35
68	An improved single particle model for lithium-ion batteries based on main stress factor compensation. Journal of Cleaner Production, 2021, 278, 123456.	9.3	35
69	A variable capacitance based modeling and power capability predicting method for ultracapacitor. Journal of Power Sources, 2018, 374, 121-133.	7.8	34
70	Control of non-controllable quantum systems: a quantum control algorithm based on Grover iteration. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S313-S317.	1.4	33
71	Sequential Monte Carlo Filter for State-of-Charge Estimation of Lithium-Ion Batteries Based on Auto Regressive Exogenous Model. IEEE Transactions on Industrial Electronics, 2019, 66, 8533-8544.	7.9	32
72	Power capability prediction for lithium-ion batteries based on multiple constraints analysis. Electrochimica Acta, 2017, 238, 120-133.	5.2	31

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73	A NOVEL BIOMECHANICS-BASED APPROACH FOR PERSON RE-IDENTIFICATION BY GENERATING DENSE COLOR SIFT SALIENCE FEATURES. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740011.	0.7	31
74	Sensor fault diagnosis for lithium-ion battery packs based on thermal and electrical models. International Journal of Electrical Power and Energy Systems, 2020, 121, 106087.	5.5	30
75	Quantum Reinforcement Learning. Lecture Notes in Computer Science, 2005, , 686-689.	1.3	30
76	Lyapunov-Based Thermal Fault Diagnosis of Cylindrical Lithium-Ion Batteries. IEEE Transactions on Industrial Electronics, 2020, 67, 4670-4679.	7.9	29
77	Experimental data of lithium-ion battery and ultracapacitor under DST and UDDS profiles at room temperature. Data in Brief, 2017, 12, 161-163.	1.0	28
78	Health degradation assessment of proton exchange membrane fuel cell based on an analytical equivalent circuit model. Energy, 2020, 207, 118185.	8.8	28
79	Lyapunov-based state of charge diagnosis and health prognosis for lithium-ion batteries. Journal of Power Sources, 2018, 397, 352-360.	7.8	27
80	Optimization of battery charging strategy based on nonlinear model predictive control. Energy, 2022, 241, 122877.	8.8	27
81	Adaptive predictive control algorithm based on Laguerre Functional Model. International Journal of Adaptive Control and Signal Processing, 2006, 20, 53-76.	4.1	26
82	Model-based State-of-energy Estimation of Lithium-ion Batteries in Electric Vehicles. Energy Procedia, 2016, 88, 998-1004.	1.8	26
83	Constrained Bayesian dual-filtering for state of charge estimation of lithium-ion batteries. International Journal of Electrical Power and Energy Systems, 2018, 99, 516-524.	5.5	26
84	A novel qualitative motion model based probabilistic indoor global localization method. Information Sciences, 2018, 429, 284-295.	6.9	26
85	Topology Aware Object-Level Semantic Mapping Towards More Robust Loop Closure. IEEE Robotics and Automation Letters, 2021, 6, 7041-7048.	5.1	26
86	Challenges of Fast Charging for Electric Vehicles and the Role of Red Phosphorous as Anode Material: Review. Energies, 2019, 12, 3897.	3.1	24
87	Global feature integration based salient region detection. Neurocomputing, 2015, 159, 1-8.	5.9	23
88	A real-time insulation detection method for battery packs used in electric vehicles. Journal of Power Sources, 2018, 385, 1-9.	7.8	22
89	Model-based fault diagnosis of Lithium-ion battery using strong tracking Extended Kalman Filter. Energy Procedia, 2019, 158, 2500-2505.	1.8	22
90	Parameter identification of reduced-order electrochemical model simplified by spectral methods and state estimation based on square-root cubature Kalman filter. Journal of Energy Storage, 2022, 46, 103828.	8.1	21

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91	Energy Management Strategy and Optimal Sizing for Hybrid Energy Storage Systems Using an Evolutionary Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14283-14293.	8.0	19
92	FasterGICP: Acceptance-Rejection Sampling Based 3D Lidar Odometry. IEEE Robotics and Automation Letters, 2022, 7, 255-262.	5.1	17
93	An adaptive traffic signal coordination optimization method based on vehicle-to-infrastructure communication. Cluster Computing, 2016, 19, 1503-1514.	5.0	16
94	LiPMatch: LiDAR Point Cloud Plane Based Loop-Closure. IEEE Robotics and Automation Letters, 2020, 5, 6861-6868.	5.1	16
95	A Facile Approach to High Precision Detection of Cell-to-Cell Variation for Li-ion Batteries. Scientific Reports, 2020, 10, 7182.	3.3	16
96	An Energy Management Strategy for Hybrid Energy Storage Systems coordinate with state of thermal and power. Control Engineering Practice, 2022, 122, 105122.	5.5	16
97	A Learning Algorithm of CMAC Based on RLS. Neural Processing Letters, 2004, 19, 49-61.	3.2	15
98	State-of-charge Estimation of Lithium-ion Batteries Based on Multiple Filters Method. Energy Procedia, 2015, 75, 2635-2640.	1.8	15
99	Image guidance based 3D vehicle detection in traffic scene. Neurocomputing, 2021, 428, 1-11.	5.9	14
100	A Review of 3D Object Detection for Autonomous Driving of Electric Vehicles. World Electric Vehicle Journal, 2021, 12, 139.	3.0	14
101	Framework for estimating distance and dimension attributes of pedestrians in real-time environments using monocular camera. Neurocomputing, 2018, 275, 533-545.	5.9	13
102	Regression Forest Based RGB-D Visual Relocalization Using Coarse-to-Fine Strategy. IEEE Robotics and Automation Letters, 2020, 5, 4431-4438.	5.1	11
103	Robust visual tracking based on hierarchical appearance model. Neurocomputing, 2017, 221, 108-122.	5.9	10
104	State-of-charge estimation approach of lithium-ion batteries using an improved extended Kalman filter. Energy Procedia, 2019, 158, 5097-5102.	1.8	10
105	MapSegNet: A Fully Automated Model Based on the Encoder-Decoder Architecture for Indoor Map Segmentation. IEEE Access, 2021, 9, 101530-101542.	4.2	10
106	INFORMATION-TECHNOLOGY APPROACH TO QUANTUM FEEDBACK CONTROL. International Journal of Modern Physics B, 2006, 20, 1304-1316.	2.0	9
107	A loop closure improvement method of Gmapping for low cost and resolution laser scanner. IFAC-PapersOnLine, 2016, 49, 168-173.	0.9	9
108	A method for remaining discharge time prediction of lithium-ion batteries under dynamic uncertainty. International Journal of Energy Research, 2019, 43, 1760-1774.	4.5	9

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109	A CNN-Based System for Mobile Robot Navigation in Indoor Environments via Visual Localization with a Small Dataset. World Electric Vehicle Journal, 2021, 12, 134.	3.0	9
110	A grey probability measure set based mobile robot position estimation algorithm. International Journal of Control, Automation and Systems, 2015, 13, 978-985.	2.7	8
111	Multi-camera handoff for person re-identification. Neurocomputing, 2016, 191, 238-248.	5.9	8
112	Continuous CMAC-QRLS and Its Systolic Array. Neural Processing Letters, 2005, 22, 1-16.	3.2	7
113	Grey systems for intelligent sensors and information processing. Journal of Systems Engineering and Electronics, 2008, 19, 659-665.	2.2	7
114	POU-SLAM: Scan-to-Model Matching Based on 3D Voxels. Applied Sciences (Switzerland), 2019, 9, 4147.	2.5	7
115	Predicting salient object via multi-level features. Neurocomputing, 2016, 205, 301-310.	5.9	6
116	Multiple agentsâ€™ spatiotemporal data generation based on recurrent regression dual discriminator GAN. Neurocomputing, 2022, 468, 370-383.	5.9	6
117	Feature-Based Image Automatic Mosaicing Algorithm. , 2006, , .		5
118	Trajectory tracking control of omnidirecitonal wheeled mobile manipulators: Robust neural network based sliding mode approach. , 2008, , .		5
119	Multi-step evolution and measurement control of finite-dimensional quantum systems. Science Bulletin, 2012, 57, 2233-2241.	1.7	5
120	Available Capacity Estimation of Electric Vehicle Batteries Based on Peukert Equation at Various Temperatures. Applied Mechanics and Materials, 0, 535, 167-171.	0.2	5
121	Grey qualitative modeling and control method for subjective uncertain systems. International Journal of Automation and Computing, 2015, 12, 70-76.	4.5	5
122	Behavior data of battery and battery pack SOC estimation under different working conditions. Data in Brief, 2016, 9, 737-740.	1.0	5
123	Person re-identification post-rank optimization via hypergraph-based learning. Neurocomputing, 2018, 287, 143-153.	5.9	5
124	Lithium-ion battery characteristics and applications. , 2021, , 1-46.		5
125	Adaptive Traffic Signal Control of Bottleneck Subzone based on Grey Qualitative Reinforcement Learning Algorithm. , 2015, , .		5
126	Terrain Traversability Mapping Based on LiDAR and Camera Fusion. , 2022, , .		5

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127	Lithium-Ion Battery Optimal Charging Using Moth-Flame Optimization Algorithm and Fractional-Order Model. IEEE Transactions on Transportation Electrification, 2023, 9, 4981-4989.	7.8	5
128	An Enhanced Approach for Load Behavior and Battery Residual Capacity Prediction Using Markov Chain and Monte Carlo Method. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2023, 4, 159-167.	3.9	4
129	QUANTUM FEEDBACK CONTROL USING QUANTUM CLONING AND STATE RECOGNITION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 195-200.	0.4	3
130	Matter-Element Modeling of Parallel Structure and Application about Extension PID Control System. Journal of Systems Science and Complexity, 2006, 19, 227-235.	2.8	3
131	Visual Tracking Model Based on Feature-Imagination and Its Application. , 2010, , .		3
132	A framework for battery internal temperature and state-of-charge estimation based on fractional-order thermoelectric model. Transactions of the Institute of Measurement and Control, 0, , 014233122110672.	1.7	3
133	OFS Model-Based Adaptive Control for Block-Oriented Non-Linear Systems. Transactions of the Institute of Measurement and Control, 2006, 28, 209-218.	1.7	2
134	QUANTUM CONTROL BASED ON QUANTUM INFORMATION. International Journal of Modern Physics B, 2007, 21, 969-977.	2.0	2
135	Adaptive control method for nonlinear time-delay processes. Journal of Systems Engineering and Electronics, 2007, 18, 566-576.	2.2	2
136	Gray-dynamic EKF for mobile robot SLAM in indoor environment. , 2013, , .		2
137	Model-based remaining discharge energy estimation of lithium-ion batteries. , 2017, , .		2
138	Mobile robot pose estimation by qualitative scan matching with 2d range scans. Journal of Intelligent and Fuzzy Systems, 2019, 36, 3235-3247.	1.4	2
139	Electrical equivalent circuit modeling. , 2021, , 47-94.		2
140	A Fuzzy Region Understanding Tactic for Object Tracking Based on Frog's Vision Characteristic. Zidonghua Xuebao/Acta Automatica Sinica, 2009, 35, 1048-1054.	0.3	2
141	SC-LPR: Spatiotemporal context based LiDAR place recognition. Pattern Recognition Letters, 2022, 156, 160-166.	4.2	2
142	Model Predictive Control with a Reference Prediction on Time-delayed Systems. , 2006, , .		1
143	Control of Five-qubit System Based on Quantum Reinforcement Learning. , 2006, , .		1
144	Robust estimation algorithm for multiple-structural data. Journal of Systems Engineering and Electronics, 2010, 21, 900-906.	2.2	1

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145	Stability analysis and control of linear neutral systems based on method of semi-discretization. , 2010, , .		1
146	A novel lithium-ion battery model for state of charge estimation under dynamic currents. , 2015, , .		1
147	An effective suggestion method for keyword search of databases. World Wide Web, 2017, 20, 729-747.	4.0	1
148	Battery state-of-energy prediction methods. , 2021, , 199-226.		1
149	Human Identification and Gender Recognition from Boxing. Lecture Notes in Computer Science, 2011, , 195-203.	1.3	1
150	An Environment Model for Mobile Robot:Grey Qualitative Map. Jiqiren/Robot, 2013, 34, 476.	0.4	1
151	Geometrical Features based Visual Relocalization for Indoor Service Robot. , 2020, , .		1
152	Feedback control of quantum system. Frontiers of Physics in China, 2006, 1, 256-262.	1.0	0
153	A novel robust background modeling algorithm for complex natural scenes. , 2009, , .		0
154	Fast Calculation of Covariance Matrices for Arbitrary Size Cuboids. , 2011, , .		0
155	Logos of human actions. , 2011, , .		0
156	A new cognitive approach based on dynamic evolution of the grey hazy set. , 2014, , .		0
157	A Traffic Signal Co-learning Adaptive Control Method Based on Gridding Model and Probability Grey Number Theory. , 2015, , .		0
158	Salient region detection via low-level features and high-level priors. , 2015, , .		0
159	Visual tracking via local patches and contextual information. , 2016, , .		0
160	Indoor Robot Localization in Hand-Drawn Maps by using Convolutional Neural Networks and Monte Carlo Method. , 2019, , .		0
161	Particle Filter and Qualitative Reasoning Based Multi-modal Interval Information Processing. IFAC-PapersOnLine, 2019, 52, 43-48.	0.9	0
162	Battery state-of-charge estimation methods. , 2021, , 157-198.		0

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163	Battery state-of-power evaluation methods. , 2021, , 227-254.		0
164	Open Intelligent Robot Controller Based on Field-Bus and RTOS. Advances in Intelligent and Soft Computing, 2007, , 159-166.	0.2	0
165	Multi-timescale Power and Energy Assessment for Lithium-ion Battery and Supercapacitor Hybrid Energy Storage System. , 2018, , .		0
166	A refined prior-box generator for anchor-based object detector. , 2020, , .		0
167	Robot Exploration based on Small Areas Priority Strategy. , 2022, , .		0