

# Tengfei Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

213  
citations

9  
h-index

13  
g-index

43  
ext. papers

343  
ext. citations

4.2  
avg, IF

3.95  
L-index

#	Paper	IF	Citations
30	A population diversity-controlled differential evolution for parameter estimation of solar photovoltaic models. <i>Sustainable Energy Technologies and Assessments</i> , <b>2022</b> , 51, 101938	4.7	3
29	Improving Dendritic Neuron Model With Dynamic Scale-Free Network-Based Differential Evolution. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2022</b> , 9, 99-110	7	10
28	Predictor-Based Neural Dynamic Surface Control of a Nontriangular System With Unknown Disturbances. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2022</b> , 1-13	3.9	0
27	A Very-Short-Term Online PV Power Prediction Model Based on RAN with Secondary Dynamic Adjustment. <i>IEEE Transactions on Artificial Intelligence</i> , <b>2022</b> , 1-1	4.7	1
26	Voltage Stability Analysis of a Power System with Wind Power Based on the Thevenin Equivalent Analytical Method. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 1758	2.6	0
25	An opposition learning and spiral modelling based arithmetic optimization algorithm for global continuous optimization problems. <i>Engineering Applications of Artificial Intelligence</i> , <b>2022</b> , 113, 104981	7.2	2
24	Rough K-means Algorithm Based on the Boundary Object Difference Metric. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 309-318	0.3	
23	A cloud endpoint coordinating CAPTCHA based on multi-view stacking ensemble. <i>Computers and Security</i> , <b>2021</b> , 103, 102178	4.9	4
22	An Adaptive Electrothermal Model for Estimating the Junction Temperature of Power Device. <i>IEEE Transactions on Electron Devices</i> , <b>2021</b> , 68, 3475-3482	2.9	1
21	Resilient Load Frequency Control of Cyber-Physical Power Systems Under QoS-Dependent Event-Triggered Communication. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2113-2122	7.3	23
20	A novel trust-based false data detection method for power systems under false data injection attacks. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 56-73	4	5
19	Fuzzy K-Means Cluster Based Generalized Predictive Control of Ultra Supercritical Power Plant. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4575-4583	11.9	8
18	A Packet Loss-Dependent Event-Triggered Cyber-Physical Cooperative Control Strategy for Islanded Microgrid. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 267-282	10.2	10
17	Adaptive recursive sliding-mode dynamic surface and its event-triggered control of uncertain non-affine systems. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 3469-3497	4	5
16	Demand Side Response Participation in Reserve Configuration Optimization Based on Decomposition and Coordination. <i>IEEE Access</i> , <b>2020</b> , 8, 65046-65059	3.5	1
15	A photovoltaic power forecasting model based on dendritic neuron networks with the aid of wavelet transform. <i>Neurocomputing</i> , <b>2020</b> , 397, 438-446	5.4	18
14	Event-trigger-based adaptive output feedback approximately optimal tracking control of a class of MIMO non-affine nonlinear systems. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 1734-1763	4	3

13	. <i>IEEE Systems Journal</i> , <b>2020</b> , 14, 2849-2860	4.3	8
12	Cyber-physical cooperative response strategy for consensus-based hierarchical control in micro-grid facing with communication interruption. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2020</b> , 114, 105405	5.1	6
11	Interval Type-2 Fuzzy Local Enhancement Based Rough K-Means Clustering Considering Imbalanced Clusters. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 1925-1939	8.3	14
10	An IGAP-RBFNN-based secondary control strategy for islanded microgrid-cyber physical system considering data uploading interruption problem. <i>Neurocomputing</i> , <b>2020</b> , 397, 422-437	5.4	3
9	Compressed binary discernibility matrix based incremental attribute reduction algorithm for group dynamic data. <i>Neurocomputing</i> , <b>2019</b> , 344, 20-27	5.4	13
8	Multi-View Stacking Ensemble for Power Consumption Anomaly Detection in the Context of Industrial Internet of Things. <i>IEEE Access</i> , <b>2018</b> , 6, 9623-9631	3.5	27
7	Parallel Attribute Reduction Algorithm for Complex Heterogeneous Data Using MapReduce. <i>Complexity</i> , <b>2018</b> , 2018, 1-11	1.6	1
6	Improved rough k-means clustering algorithm based on weighted distance measure with Gaussian function. <i>International Journal of Computer Mathematics</i> , <b>2017</b> , 94, 663-675	1.2	25
5	Transient Oscillations Analysis and Modified Control Strategy for Seamless Mode Transfer in Micro-Grids: A Wind-PV-ES Hybrid System Case Study. <i>Energies</i> , <b>2015</b> , 8, 13758-13777	3.1	12
4	Model Property Based Material Balance and Energy Conservation Analysis for Process Industry Energy Transfer Systems. <i>Energies</i> , <b>2015</b> , 8, 12283-12303	3.1	1
3	A modified rough c-means clustering algorithm based on hybrid imbalanced measure of distance and density. <i>International Journal of Approximate Reasoning</i> , <b>2014</b> , 55, 1805-1818	3.6	9
2	Research on Optimal Decision-Making of Power Grid Flexible Reserve under New Situation		
1	An improved curve-shaped droop control method for islanded microgrid under heavy load disturbance. <i>International Transactions on Electrical Energy Systems</i> , e13184	2.2	