

# Minfang Peng

## 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.

22

papers

127

citations

8

h-index

10

g-index

40

ext. papers

174

ext. citations

2.6

avg, IF

3.3

L-index

#	Paper	IF	Citations
22	Robustness analysis of cyber-coupled power systems with considerations of interdependence of structures, operations and dynamic behaviors. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2022</b> , 596, 127215	3.3	0
21	Probabilistic Vulnerability Assessment of Transmission Lines Considering Cascading Failures. <i>Processes</i> , <b>2021</b> , 9, 1994	2.9	
20	Cascading Failure Analysis of Cyber Physical Power Systems Considering Routing Strategy. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	2
19	Impact of wind power uncertainty on cascading failure in cyberphysical power systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2021</b> , 583, 126358	3.3	3
18	A Stochastic Model of Cascading Failure Dynamics in Cyber-Physical Power Systems. <i>IEEE Systems Journal</i> , <b>2020</b> , 14, 4626-4637	4.3	20
17	Intentional islanding method based on community detection for distribution networks. <i>IET Generation, Transmission and Distribution</i> , <b>2019</b> , 13, 30-36	2.5	4
16	Creation and circuit implementation of two-to-eight-wing chaotic attractors using a 3D memristor-based system. <i>International Journal of Circuit Theory and Applications</i> , <b>2019</b> , 47, 686-701	2	8
15	Modelling and Vulnerability Analysis of Cyber-Physical Power Systems Based on Interdependent Networks. <i>Energies</i> , <b>2019</b> , 12, 3439	3.1	10
14	A strategy for intentional islanding of distribution networks based on node electrical relevance and artificial bee colony algorithm. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2018</b> , 13, 84-91 <sup>1</sup>		7
13	Modelling, analysis and virtual parallel resistor damping control of VSC-based DC grid using master-slave control mode. <i>IET Generation, Transmission and Distribution</i> , <b>2018</b> , 12, 2046-2054	2.5	8
12	Bifurcation and Periodic Solutions in Memristive Hyperchaotic System. <i>IEEE Access</i> , <b>2018</b> , 6, 23202-23213	3.5	3
11	Ultra-Short-Term Wind Power Prediction Based on Multivariate Phase Space Reconstruction and Multivariate Linear Regression. <i>Energies</i> , <b>2018</b> , 11, 2763	3.1	13
10	Stability of stochastic SIRS epidemic models with saturated incidence rates and delay. <i>Stochastic Analysis and Applications</i> , <b>2017</b> , 35, 1-26	1.1	14
9	Multi-objective Distribution Network Planning Considering Invulnerability <b>2017</b> ,		2
8	Dynamic reconstruction of active distribution network with electric vehicles <b>2017</b> ,		2
7	The failure analysis and lifetime prediction for the solder joint of the magnetic head. <i>Applied Physics A: Materials Science and Processing</i> , <b>2015</b> , 118, 691-697	2.6	
6	Fault Diagnosis of Analog Circuits Using Systematic Tests Based on Data Fusion. <i>Circuits, Systems, and Signal Processing</i> , <b>2013</b> , 32, 525-539	2.2	10

5	Analog fault diagnosis using decision fusion <b>2012</b> ,		3
4	Probabilistic neural network based tolerance-circuit diagnosis <b>2012</b> ,		1
3	A Parallel Gaussian Filtering Algorithm Based on Color Difference <b>2011</b> ,		1
2	COMPLEX NETWORK APPLICATION IN FAULT DIAGNOSIS OF ANALOG CIRCUITS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2011</b> , 21, 1323-1330	2	10
1	Application of Immune Classifier Based on Increment of Diversity in the Model Species Genomes Identification <b>2008</b> ,		1