

Huadong Mo

List of Publications by Year in descending order

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25
papers

491
citations

623734

14
h-index

839539

18
g-index

36
all docs

36
docs citations

36
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability analysis of repairable multi-state system with common bus performance sharing. Reliability Engineering and System Safety, 2014, 132, 90-96.	8.9	71
2	Adaptive Event-Triggered Observer-Based Output Feedback L_{∞} Load Frequency Control for Networked Power Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 3952-3962.	11.3	51
3	Optimal structure of multi-state systems with multi-fault coverage. Reliability Engineering and System Safety, 2013, 119, 18-25.	8.9	47
4	A review on hybrid photovoltaic " Battery energy storage system: Current status, challenges, and future directions. Journal of Energy Storage, 2022, 51, 104597.	8.1	46
5	Optimal resource distribution between protection and redundancy considering the time and uncertainties of attacks. European Journal of Operational Research, 2015, 243, 200-210.	5.7	38
6	Real-time coordination of distributed energy resources for frequency control in microgrids with unreliable communication. International Journal of Electrical Power and Energy Systems, 2018, 96, 86-105.	5.5	28
7	Meta-ANN " A dynamic artificial neural network refined by meta-learning for Short-Term Load Forecasting. Energy, 2022, 246, 123418.	8.8	27
8	Dynamic Defense Resource Allocation for Minimizing Unsupplied Demand in Cyber-Physical Systems Against Uncertain Attacks. IEEE Transactions on Reliability, 2017, 66, 1253-1265.	4.6	23
9	Performance-based maintenance of gas turbines for reliable control of degraded power systems. Mechanical Systems and Signal Processing, 2018, 103, 398-412.	8.0	22
10	Maintenance Versus Individual and Overarching Protections for Parallel Systems. Quality Technology and Quantitative Management, 2014, 11, 353-362.	1.9	21
11	A system-of-systems framework for the reliability analysis of distributed generation systems accounting for the impact of degraded communication networks. Applied Energy, 2016, 183, 805-822.	10.1	20
12	Impact of aging and performance degradation on the operational costs of distributed generation systems. Renewable Energy, 2019, 143, 426-439.	8.9	19
13	Modeling and Analysis of the Reliability of "Digital Networked Control Systems" Considering Networked Degradations. IEEE Transactions on Automation Science and Engineering, 2017, 14, 1491-1503.	5.2	18
14	A Dynamic Approach to Performance Analysis and Reliability Improvement of Control Systems With Degraded Components. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1404-1414.	9.3	17
15	Bayesian adversarial multi-node bandit for optimal smart grid protection against cyber attacks. Automatica, 2021, 128, 109551.	5.0	16
16	Performance and reliability improvement of cyber-physical systems subject to degraded communication networks through robust optimization. Computers and Industrial Engineering, 2017, 114, 166-174.	6.3	13
17	Hidden Markov model-based smith predictor for the mitigation of the impact of communication delays in wide-area power systems. Applied Mathematical Modelling, 2021, 89, 19-48.	4.2	6
18	Reliability analysis of aging control system via stability margins. Journal of Manufacturing Systems, 2021, 61, 808-818.	13.9	3

#	ARTICLE	IF	CITATIONS
19	Combinatorial competing failure analysis considering random propagation time. , 2016, , .		2
20	Modelling and analysis of transmission delays and packet dropouts on the reliability of digital networked control systems. , 2013, , .		1
21	Coordinated Secondary Voltage Control in Distribution Networks With High PV Penetration. , 2021, , .		1
22	Optimal Coordination of Photovoltaics and Electric Vehicles for Ancillary Services in Low Voltage Distribution Networks. , 2021, , .		1
23	Analysis of performance-depleting maintenance on degraded control systems. , 2015, , .		0
24	Reliability Assessment for Multi-area Load Frequency Control Systems with Degraded Components. , 2018, , .		0
25	Modeling and Reliability Analysis of Digital Networked Systems Subject to Degraded Communication Networks. Advances in Intelligent Systems and Computing, 2015, , 295-303.	0.6	0