N Eva Wu, Eva Wu

List of Publications by Year
in descending order

36 papers	**553** citations	840776 **11** h-index	713466 **21** g-index
36 all docs	**36** docs citations	**36** times ranked	**325** citing authors

#	Article	IF	Citations
1	Diagnosis performance assessment of the secondary protection for a 68‑bus power system. International Journal of Adaptive Control and Signal Processing, 2021, 35, 357-372.	4.1	1
2	Robust Topology Detection Under Load Uncertainty. , 2021, , .		1
3	From Static to Dynamic Observability for a Multiple-Model Filter Based Fault Diagnosis Approach. , 2021, , .		0
4	Resilient PMU Network Design in the Face of GPS Spoofing Attacks. , 2019, , .		2
5	Toward a spoof-tolerant PMU network architecture. International Journal of Electrical Power and Energy Systems, 2019, 107, 311-320.	5.5	6
6	Cost-Effective Upgrade of PMU Networks for Fault-Tolerant Sensing. IEEE Transactions on Power Systems, 2018, 33, 3052-3063.	6.5	14
7	Transient stability assessment of large lossy power systems. IET Generation, Transmission and Distribution, 2018, 12, 1822-1830.	2.5	12
8	Transmission Fault Diagnosis With Sensor-Localized Filter Models for Complexity Reduction. IEEE Transactions on Smart Grid, 2018, 9, 6939-6950.	9.0	13
9	Unbalanced Fault Diagnosis in Transmission Networks Using Multiple Model Filters. , 2018, , .		3
10	An ellipsoidal expansion algorithm for estimating and representing regions of attraction for large power systems. , 2017, , .		1
11	Performance analysis of MMF-based transmission network fault diagnosis via randomized hybrid simulations. , 2017, , .		3
12	An algorithm for resilient sensor network upgrade with fewest PMUs. , 2017, , .		1
13	A multiple model filtering approach to transmission line fault diagnosis. Control Engineering Practice, 2016, 52, 93-102.	5.5	11
14	Fault diagnosis based on partitioned power system models. , 2016, , .		8
15	Secondary protective control for mitigation of protection misoperations in electric power systems. Journal of Modern Power Systems and Clean Energy, 2016, 4, 427-439.	5.4	10
16	A Hybrid Simulation Study on Wide Area Measurement Feedback for Enhanced Tolerance to Protection Misoperations ã˜… ã˜…This work is supported by New York State Energy Research and Development Authority (NYSERDA) under contract #30733, managed by Michael Razanousky.. IFAC-PapersOnLine, 2015, 48, 901-906.	0.9	1
17	Maximally secure mitigation of protection misoperations in power systems. , 2015, , .		15
18	Actuator Fault Diagnosis in a Boeing 747 Model via Adaptive Modified Two-Stage Kalman Filter. International Journal of Aerospace Engineering, 2014, 2014, 1-10.	0.9	13

#	Article	IF	Citations
19	Minimum cost upgrade of phasor measurement unit networks for synchrophasor availability. International Journal of Robust and Nonlinear Control, 2014, 24, 1341-1360.	3.7	5
20	Data-Availability-Constrained Placement of PMUs and Communication Links in a Power System. IEEE Systems Journal, 2014, 8, 483-492.	4.6	30
21	Fault-tolerant placement of phasor measurement units based on control reconfigurability. Control Engineering Practice, 2013, 21, 1-11.	5.5	26
22	A new scalable solution to optimal PMU placement under a long-run data availability criterion. , 2013, , .		0
23	Fault-tolerant control of power grids for security and availability. , 2012, , .		4
24	Validation of a small signal probing concept for prognosis on a nonlinear model for longitudinal motion of a Boeing-747. , 2009, , .		7
25	Sensor maneuver design for microwave source localization. , 2009, , .		0
26	Estimation of Actuator Fault Parameters in a Nonlinear Boeing 747 Model Using a Linear Two-Stage Kalman Filter. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1408-1413.	0.4	3
27	Fault Detection and Isolation Applied to a Ship Propulsion Benchmark. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 1908-1913.	0.4	2
28	Sensor fault masking of a ship propulsion system. Control Engineering Practice, 2006, 14, 1337-1345.	5.5	44
29	Adaptive Linear Parameter Varying Control Synthesis for Actuator Failure. Journal of Guidance, Control, and Dynamics, 2004, 27, 787-794.	2.8	47
30	On Reconfigurability. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 819-824.	0.4	0
31	Detection, estimation, and accommodation of loss of control effectiveness. International Journal of Adaptive Control and Signal Processing, 2000, 14, 775-795.	4.1	221
32	Detection, estimation, and accommodation of loss of control effectiveness. International Journal of Adaptive Control and Signal Processing, 2000, 14, 775-795.	4.1	11
33	Fault Diagnosis for A Ship Propulsion Benchmark: Part I. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 7670-7675.	0.4	4
34	Circle/Popov criteria in phaselock loop design. , 1998, , .		3
35	Analytical Redundancy Management in Reconfigurable Control Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1996, 29, 6626-6631.	0.4	2
36	Feedback design in control reconfigurable systems. International Journal of Robust and Nonlinear Control, 1996, 6, 561-570.	3.7	29