Hamed Habibi

List of Publications by Year
in descending order

17 papers	330 citations	1162367 8 h-index	1199166 12 g-index
17 all docs	17 docs citations	17 times ranked	312 citing authors

#	Article	IF	Citations
1	Reliability improvement of wind turbine power generation using model-based fault detection and fault tolerant control: A review. Renewable Energy, 2019, 135, 877-896.	4.3	124
2	Adaptive PID Control of Wind Turbines for Power Regulation With Unknown Control Direction and Actuator Faults. IEEE Access, 2018, 6, 37464-37479.	2.6	48
3	Backstepping Nussbaum gain dynamic surface control for a class of input and state constrained systems with actuator faults. Information Sciences, 2019, 482, 27-46.	4.0	36
4	Decoupling Adaptive Sliding Mode Observer Design for Wind Turbines Subject to Simultaneous Faults in Sensors and Actuators. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 837-847.	8.5	35
5	Power maximization of variable-speed variable-pitch wind turbines using passive adaptive neural fault tolerant control. Frontiers of Mechanical Engineering, 2017, 12, 377-388.	2.5	22
6	Bayesian Sensor Fault Detection in a Markov Jump System. Asian Journal of Control, 2017, 19, 1465-1481.	1.9	18
7	Optimum efficiency control of a wind turbine with unknown desired trajectory and actuator faults. Journal of Renewable and Sustainable Energy, 2017, 9, 063305.	0.8	12
8	Fault-Tolerant Neuro Adaptive Constrained Control of Wind Turbines for Power Regulation with Uncertain Wind Speed Variation. Energies, 2019, 12, 4712.	1.6	9
9	Bayesian Fault Probability Estimation: Application in Wind Turbine Drivetrain Sensor Fault Detection. Asian Journal of Control, 2020, 22, 624-647.	1.9	8
10	Bayesian Online Change Point Detection in Finance. Financial Internet Quarterly, 2022, 17, 27-33.	0.2	5
11	Constrained control of wind turbines for power regulation in full load operation. , 2017, , .		4
12	A neuro-adaptive maximum power tracking control of variable speed wind turbines with actuator faults. , 2017, , .		4
13	Rapid Detection of Small Faults and Oscillations in Synchronous Generator Systems Using GMDH Neural Networks and High-Gain Observers. Electronics (Switzerland), 2021, 10, 2637.	1.8	2
14	Wind Turbine Pitch Actuator Regulation for Efficient and Reliable Energy Conversion: A Fault-Tolerant Constrained Control Solution. Actuators, 2022, 11, 102.	1.2	2
15	Sensor fault detection and isolation: a game theoretic approach. International Journal of Systems Science, 2018, , 1-21.	3.7	1
16	The detection of multiple faults in a Bayesian setting using dynamic programming approaches. Signal Processing, 2020, 175, 107618.	2.1	0
17	Monitoring the Drift Coefficient of a Diffusion Process Using the Dynamic Programming. Journal of Advanced Mathematics and Applications, 2016, 5, 134-138.	0.5	0