

Ahmed Mahmoud Moustafa

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

190
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Switched Model Predictive Control for a Cyber-Physical Wind Turbine Emulator. IEEE Transactions on Industrial Informatics, 2020, 16, 3807-3817.	11.3	22
2	Hybrid modelling and predictive control of utility-scale variable-speed variable-pitch wind turbines. Transactions of the Institute of Measurement and Control, 2020, 42, 1724-1739.	1.7	7
3	A critical review of research trends for wind energy in Egypt: recent progress and promising opportunities. International Journal of Energy Technology and Policy, 2019, 15, 31.	0.2	4
4	Optimal Control of Lane Keeping System Using Simulated Annealing and Linear Quadratic Regulator. , 2019, , .		3
5	Experimental Benchmarking of PID Empirical and Heuristic Tuning for Networked Control of Double-tank System. , 2019, , .		2
6	A Real-Time Heterogeneous Emulator of a High-Fidelity Utility-Scale Variable-Speed Variable-Pitch Wind Turbine. IEEE Transactions on Industrial Informatics, 2018, 14, 437-447.	11.3	11
7	Hybrid controller for a software-defined architecture of industrial internet lab-scale process. , 2017, , .		6
8	A Survey of Cyber-Physical Advances and Challenges of Wind Energy Conversion Systems: Prospects for Internet of Energy. IEEE Internet of Things Journal, 2016, 3, 134-145.	8.7	121
9	Tuning a digital multivariable controller for a lab-scale helicopter system via simulated annealing and evolutionary algorithms. Transactions of the Institute of Measurement and Control, 2015, 37, 1254-1273.	1.7	8
10	An algorithm for parameter estimation of twin-rotor multi-input multi-output system using trust region optimization methods. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2013, 227, 435-450.	1.0	6