Ãlvaro RodrÃ-guez del Nozal

List of Publications by Year
in descending order

17 papers	199 citations	1163117 8 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	170 citing authors

#	Article	IF	Citations
1	Stochastic unit commitment in microgrids: Influence of the load forecasting error and the availability of energy storage. Renewable Energy, 2020, 146, 2060-2069.	8.9	72
2	Distributed estimation based on multi-hop subspace decomposition. Automatica, 2019, 99, 213-220.	5.0	33
3	An Evolutionary Computational Approach for the Problem of Unit Commitment and Economic Dispatch in Microgrids under Several Operation Modes. Energies, 2019, 12, 2143.	3.1	17
4	Provision of Primary Frequency Response as Ancillary Service From Active Distribution Networks to the Transmission System. IEEE Transactions on Smart Grid, 2021, 12, 4971-4982.	9.0	12
5	Data Fusion Based on Subspace Decomposition for Distributed State Estimation in Multi-Hop Networks. Sensors, 2019, 19, 9.	3.8	10
6	An evolutionary multi-objective path planning of a fleet of ASVs for patrolling water resources. Engineering Applications of Artificial Intelligence, 2022, 112, 104852.	8.1	10
7	A MPC Strategy for the Optimal Management of Microgrids Based on Evolutionary Optimization. Electronics (Switzerland), 2019, 8, 1371.	3.1	9
8	Provision of inertial response as ancillary service from active distribution networks to the transmission system. IET Generation, Transmission and Distribution, 2020, 14, 5123-5134.	2.5	9
9	A Non-Cooperative Game-Theoretic Approach for Distributed Voltage Regulation in DC Grids with a High Penetration of Renewable Energies. Electronics (Switzerland), 2021, 10, 768.	3.1	5
10	A model-less control algorithm of DC microgrids based on feedback optimization. International Journal of Electrical Power and Energy Systems, 2022, 141, 108087.	5.5	5
11	Stochastic Unit Commitment in Microgrids based on Model Predictive Control. , 2018, , .		4
12	Distributed implementation and design for state estimation. IFAC-PapersOnLine, 2017, 50, 6483-6488.	0.9	3
13	Accurate Assessment of Decoupled OLTC Transformers to Optimize the Operation of Low-Voltage Networks. Energies, 2019, 12, 2173.	3.1	3
14	Distributed estimation design for LTI systems: a linear quadratic approach. International Journal of Systems Science, 2019, 50, 2703-2714.	5.5	3
15	Trust-Based Distributed State Estimation in the Presence of Cyber-Attacks Tested With Hardware-in-the-Loop. , 2022, 6, 506-511.		2
16	Application of Genetic Algorithms forÂUnit Commitment and Economic Dispatch Problems in Microgrids. Studies in Computational Intelligence, 2020, , 139-167.	0.9	1
17	Results on distributed state estimation for LTI systems facing communication failures. IFAC-PapersOnLine, 2020, 53, 3248-3253.	0.9	1