

Álvaro Rodríguez del Nozal

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Trust-Based Distributed State Estimation in the Presence of Cyber-Attacks Tested With Hardware-in-the-Loop. , 2022, 6, 506-511.		2
2	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
3	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
4	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
5	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
6	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
7	Application of Genetic Algorithms for Unit Commitment and Economic Dispatch Problems in Microgrids. Studies in Computational Intelligence, 2020, , 139-167.	0.9	1
8	Results on distributed state estimation for LTI systems facing communication failures. IFAC-PapersOnLine, 2020, 53, 3248-3253.	0.9	1
9	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
10	Accurate Assessment of Decoupled OLTC Transformers to Optimize the Operation of Low-Voltage Networks. Energies, 2019, 12, 2173.	3.1	3
11	Distributed estimation design for LTI systems: a linear quadratic approach. International Journal of Systems Science, 2019, 50, 2703-2714.	5.5	3
12	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
13	Data Fusion Based on Subspace Decomposition for Distributed State Estimation in Multi-Hop Networks. Sensors, 2019, 19, 9.	3.8	10
14	A MPC Strategy for the Optimal Management of Microgrids Based on Evolutionary Optimization. Electronics (Switzerland), 2019, 8, 1371.	3.1	9
15	Distributed estimation based on multi-hop subspace decomposition. Automatica, 2019, 99, 213-220.	5.0	33
16	Stochastic Unit Commitment in Microgrids based on Model Predictive Control. , 2018, , .		4
17	Distributed implementation and design for state estimation. IFAC-PapersOnLine, 2017, 50, 6483-6488.	0.9	3