

Álvaro Rodríguez del Nozal

List of Publications by Year in descending order

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papers

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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. <i>Renewable Energy</i> , 2020, 146, 2060-2069.	4.3	72
2	Distributed estimation based on multi-hop subspace decomposition. <i>Automatica</i> , 2019, 99, 213-220.	3.0	33
3	An Evolutionary Computational Approach for the Problem of Unit Commitment and Economic Dispatch in Microgrids under Several Operation Modes. <i>Energies</i> , 2019, 12, 2143.	1.6	17
4	Provision of Primary Frequency Response as Ancillary Service From Active Distribution Networks to the Transmission System. <i>IEEE Transactions on Smart Grid</i> , 2021, 12, 4971-4982.	6.2	12
5	Data Fusion Based on Subspace Decomposition for Distributed State Estimation in Multi-Hop Networks. <i>Sensors</i> , 2019, 19, 9.	2.1	10
6	An evolutionary multi-objective path planning of a fleet of ASVs for patrolling water resources. <i>Engineering Applications of Artificial Intelligence</i> , 2022, 112, 104852.	4.3	10
7	A MPC Strategy for the Optimal Management of Microgrids Based on Evolutionary Optimization. <i>Electronics (Switzerland)</i> , 2019, 8, 1371.	1.8	9
8	Provision of inertial response as ancillary service from active distribution networks to the transmission system. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 5123-5134.	1.4	9
9	A Non-Cooperative Game-Theoretic Approach for Distributed Voltage Regulation in DC Grids with a High Penetration of Renewable Energies. <i>Electronics (Switzerland)</i> , 2021, 10, 768.	1.8	5
10	A model-less control algorithm of DC microgrids based on feedback optimization. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 141, 108087.	3.3	5
11	Stochastic Unit Commitment in Microgrids based on Model Predictive Control. , 2018, , .		4
12	Distributed implementation and design for state estimation. <i>IFAC-PapersOnLine</i> , 2017, 50, 6483-6488.	0.5	3
13	Accurate Assessment of Decoupled OLTC Transformers to Optimize the Operation of Low-Voltage Networks. <i>Energies</i> , 2019, 12, 2173.	1.6	3
14	Distributed estimation design for LTI systems: a linear quadratic approach. <i>International Journal of Systems Science</i> , 2019, 50, 2703-2714.	3.7	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 for Unit Commitment and Economic Dispatch Problems in Microgrids. <i>Studies in Computational Intelligence</i> , 2020, , 139-167.	0.7	1
17	Results on distributed state estimation for LTI systems facing communication failures. <i>IFAC-PapersOnLine</i> , 2020, 53, 3248-3253.	0.5	1