

Evangelos Rikos

List of Publications by Year in descending order

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18
papers

1,082
citations

1307594

7
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

1356
citing authors

#	ARTICLE	IF	CITATIONS
1	The PRISMI proposal for a user-friendly load-flow tool for analysis of island grids. Renewable Energy, 2020, 145, 2621-2628.	8.9	3
2	Enhanced load frequency control: incorporating locational information for temporal enhancement. IET Generation, Transmission and Distribution, 2019, 13, 1865-1874.	2.5	11
3	Utilization of distributed energy resourcesâ€™ flexibility in power system operation â€“ Evaluation of todayâ€™s status and description of a future concept. , 2018, , .		0
4	Implementation of fuzzy logic for mitigating conflicts of frequency containment control. CIRED - Open Access Proceedings Journal, 2017, 2017, 1206-1210.	0.1	0
5	Adaptive frequency containment and balance restoration controls in a distribution network. , 2017, , .		2
6	Adaptive Fuzzy Control for Power-Frequency Characteristic Regulation in High-RES Power Systems. Energies, 2017, 10, 982.	3.1	6
7	Implementation and validation of synthetic inertia support employing series produced electric vehicles. CIRED - Open Access Proceedings Journal, 2017, 2017, 1197-1201.	0.1	3
8	Stochastic model predictive control for economic/environmental operation management of microgrids: An experimental case study. Journal of Process Control, 2016, 43, 24-37.	3.3	108
9	Implementation of a fuzzy logic controller for virtual inertia emulation. , 2015, , .		31
10	Looking for the unified classification and evaluation approach of SG interface standards for the purposes of ELECTRA IRP. , 2015, , .		2
11	DERri Common Reference Model for Distributed Energy Resourcesâ€™ modeling scheme, reference implementations and validation of results. Elektrotechnik Und Informationstechnik, 2014, 131, 378-385.	1.1	8
12	Implementation of a microgrid model for DER integration in real-time simulation platform. , 2014, , .		6
13	A Model Predictive Control Approach to Microgrid Operation Optimization. IEEE Transactions on Control Systems Technology, 2014, 22, 1813-1827.	5.2	621
14	Use of model predictive control for experimental microgrid optimization. Applied Energy, 2014, 115, 37-46.	10.1	184
15	Real-Time Simulation Technique of a Microgrid Model for DER Penetration. EAI Endorsed Transactions on Energy Web, 2014, 1, e2.	0.4	0
16	Implementing agent-based emissions trading for controlling Virtual Power Plant emissions. Electric Power Systems Research, 2013, 102, 1-7.	3.6	32
17	Development of a Simulation Tool for Evaluating the Performance of the Pilot Microgrid at Gaidouromantra-Kythnos. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , 144-152.	0.3	0
18	Stability and Power Quality Issues in Microgrids Under Weather Disturbances. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2008, 1, 170-179.	4.9	65