

Konstantinos Oikonomou

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

429
citations

1306789

7
h-index

1473754

9
g-index

16
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16
docs citations

16
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	Core process representation in power system operational models: Gaps, challenges, and opportunities for multisector dynamics research. <i>Energy</i> , 2022, 238, 122049.	4.5	20
2	interflow: A Python package to organize, calculate, and visualize sectoral interdependency flow data. <i>Journal of Open Source Software</i> , 2022, 7, 4336.	2.0	1
3	Resilience of Interdependent Water and Power Systems: A Literature Review and Conceptual Modeling Framework. <i>Water (Switzerland)</i> , 2021, 13, 2846.	1.2	3
4	Look-Ahead Optimal Participation of Compressed Air Energy Storage in Day-Ahead and Real-Time Markets. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 682-692.	5.9	37
5	Deliverable Energy Flexibility Scheduling for Active Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2020, 11, 655-664.	6.2	65
6	Optimal Participation of Water Desalination Plants in Electricity Demand Response and Regulation Markets. <i>IEEE Systems Journal</i> , 2020, 14, 3729-3739.	2.9	34
7	Interactive Visualization of Interdependent Power and Water Infrastructure Operation. , 2020, , .		6
8	Optimal Coordinated Operation of Interdependent Power and Water Distribution Systems. <i>IEEE Transactions on Smart Grid</i> , 2020, 11, 4784-4794.	6.2	35
9	Deploying Water Treatment Energy Flexibility in Power Distribution Systems Operation. , 2020, , .		4
10	Optimal Coordination of Water Distribution Energy Flexibility With Power Systems Operation. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 1101-1110.	6.2	104
11	Optimal Demand Response Scheduling for Water Distribution Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 5112-5122.	7.2	67
12	Optimal Participation of Compressed Air Energy Storage in Energy and Ancillary Service Markets. , 2018, , .		6
13	Continuous-time optimal charging control of plug-in Electric Vehicles. , 2018, , .		13
14	Energy storage in the western interconnection: Current adoption, trends and modeling challenges. , 2017, , .		9
15	Integrating water distribution energy flexibility in power systems operation. , 2017, , .		22
16	Optimization of data center battery storage investments for microgrid cost savings, emissions reduction, and reliability enhancement. , 2015, , .		3