

# Konstantinos Oikonomou

## List of Publications by Year in descending order

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16  
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docs citations

16  
times ranked

407  
citing authors

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