

Berk Celik

List of Publications by Year in descending order

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17
papers

611
citations

1163117

8
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

849
citing authors

#	ARTICLE	IF	CITATIONS
1	An aggregator-based resource allocation in the smart grid using an artificial neural network and sliding time window optimization. IET Smart Grid, 2021, 4, 612-622.	2.2	4
2	Quantifying the Impact of Solar Photovoltaic and Energy Storage Assets on the Performance of a Residential Energy Aggregator. IEEE Transactions on Sustainable Energy, 2020, 11, 405-414.	8.8	27
3	Sizing of renewable energy and storage resources in railway substations according to load shaving level. , 2020, , .		3
4	A Framework for Large-Scale Incentive-Based Residential Demand Response using Aggregators. , 2019, , .		2
5	DATAZERO: Datacenter With Zero Emission and Robust Management Using Renewable Energy. IEEE Access, 2019, 7, 103209-103230.	4.2	44
6	An Application of Machine Learning for a Smart Grid Resource Allocation Problem. , 2019, , .		6
7	Analysis of demand response for datacenter energy management using GA and time-of-use prices. , 2019, , .		2
8	Decentralized Neighborhood Energy Management With Coordinated Smart Home Energy Sharing. IEEE Transactions on Smart Grid, 2018, 9, 6387-6397.	9.0	120
9	Electric energy management in residential areas through coordination of multiple smart homes. Renewable and Sustainable Energy Reviews, 2017, 80, 260-275.	16.4	97
10	Coordinated neighborhood energy sharing using game theory and multi-agent systems. , 2017, , .		17
11	Metrics-Based Assessment of Sustainability in Demand Response. , 2017, , .		6
12	Coordinated energy management using agents in neighborhood areas with RES and storage. , 2016, , .		13
13	A framework for grid-edge resilience improvement using homes and microgrids coordination. , 2015, , .		4
14	Analysis of spatial fixed PV arrays configurations to maximize energy harvesting in BIPV applications. Renewable Energy, 2015, 75, 534-540.	8.9	51
15	An efficient fault diagnosis method for PV systems based on operating voltage-window. Energy Conversion and Management, 2013, 73, 350-360.	9.2	85
16	A virtual reality study of surrounding obstacles on BIPV systems for estimation of long-term performance of partially shaded PV arrays. Renewable Energy, 2013, 60, 402-414.	8.9	28
17	Simple diagnostic approach for determining of faulted PV modules in string based PV arrays. Solar Energy, 2012, 86, 3364-3377.	6.1	102