

Sila Kiliccote

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10429739/publications.pdf>

Version: 2024-02-01

21
papers

1,377
citations

933447

10
h-index

1281871

11
g-index

25
all docs

25
docs citations

25
times ranked

1267
citing authors

#	ARTICLE	IF	CITATIONS
1	Demand Response for Ancillary Services. IEEE Transactions on Smart Grid, 2013, 4, 1988-1995.	9.0	264
2	Quantifying Changes in Building Electricity Use, With Application to Demand Response. IEEE Transactions on Smart Grid, 2011, 2, 507-518.	9.0	253
3	Study on Auto-DR and pre-cooling of commercial buildings with thermal mass in California. Energy and Buildings, 2010, 42, 967-975.	6.7	132
4	Estimating the benefits of electric vehicle smart charging at non-residential locations: A data-driven approach. Applied Energy, 2015, 155, 515-525.	10.1	103
5	Statistical analysis of baseline load models for non-residential buildings. Energy and Buildings, 2009, 41, 374-381.	6.7	99
6	Variability in automated responses of commercial buildings and industrial facilities to dynamic electricity prices. Energy and Buildings, 2011, 43, 3322-3330.	6.7	63
7	Examining uncertainty in demand response baseline models and variability in automated responses to dynamic pricing. , 2011, , .		57
8	Linking measurements and models in commercial buildings: A case study for model calibration and demand response strategy evaluation. Energy and Buildings, 2016, 124, 222-235.	6.7	47
9	Disaggregating solar generation behind individual meters in real time. , 2018, , .		39
10	Controlled workplace charging of electric vehicles: The impact of rate schedules on transformer aging. Applied Energy, 2020, 276, 115352.	10.1	35
11	Utilizing Automated Demand Response in commercial buildings as non-spinning reserve product for ancillary services markets. , 2011, , .		25
12	Estimating Behind-the-meter Solar Generation with Existing Measurement Infrastructure. , 2016, , .		21
13	Characterization of demand response in the commercial, industrial, and residential sectors in the United States. Wiley Interdisciplinary Reviews: Energy and Environment, 2016, 5, 288-304.	4.1	20
14	Field demonstration of automated demand response for both winter and summer events in large buildings in the Pacific Northwest. Energy Efficiency, 2013, 6, 671-684.	2.8	14
15	A methodology for estimating the capacity value of demand response. , 2014, , .		13
16	Characterizing the Response of Commercial and Industrial Facilities to Dynamic Pricing Signals From the Utility. , 2010, , .		11
17	How Baseline Model Implementation Choices Affect Demand Response Assessments. Journal of Solar Energy Engineering, Transactions of the ASME, 2015, 137, .	1.8	10
18	Understanding the Effect of Baseline Modeling Implementation Choices on Analysis of Demand Response Performance. , 2012, , .		8

#	ARTICLE	IF	CITATIONS
19	A common data architecture for energy data analytics. , 2017, , .		8
20	Understanding the Effect of Baseline Modeling Implementation Choices on Analysis of Demand Response Performance. , 2013, , .		2
21	Optimized Risk-Aware Nomination Strategy in Demand Response Markets. , 2016, , .		2