

Carlo Brancucci Martinez-Anido

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4122097/publications.pdf>

Version: 2024-02-01

19
papers

602
citations

840776

11
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

768
citing authors

#	ARTICLE	IF	CITATIONS
1	The value of day-ahead solar power forecasting improvement. Solar Energy, 2016, 129, 192-203.	6.1	143
2	Quantifying the Economic and Grid Reliability Impacts of Improved Wind Power Forecasting. IEEE Transactions on Sustainable Energy, 2016, 7, 1525-1537.	8.8	82
3	The combined value of wind and solar power forecasting improvements and electricity storage. Applied Energy, 2018, 214, 1-15.	10.1	76
4	A review of the potential impacts of climate change on bulk power system planning and operations in the United States. Renewable and Sustainable Energy Reviews, 2018, 98, 255-267.	16.4	67
5	The value of improved wind power forecasting: Grid flexibility quantification, ramp capability analysis, and impacts of electricity market operation timescales. Applied Energy, 2016, 184, 696-713.	10.1	56
6	Does controlled electric vehicle charging substitute cross-border transmission capacity?. Applied Energy, 2014, 120, 169-180.	10.1	39
7	Effects on power system operations of potential changes in wind and solar generation potential under climate change. Environmental Research Letters, 2019, 14, 034014.	5.2	37
8	Consequences of neglecting the interannual variability of the solar resource: A case study of photovoltaic power among the Hawaiian Islands. Solar Energy, 2018, 167, 61-75.	6.1	21
9	Inter-annual variability of wind and solar electricity generation and capacity values in Texas. Environmental Research Letters, 2019, 14, 044032.	5.2	19
10	Potential impacts of climate change on wind and solar electricity generation in Texas. Climatic Change, 2020, 163, 745-766.	3.6	16
11	The Value of Day-Ahead Coordination of Power and Natural Gas Network Operations. Energies, 2018, 11, 1628.	3.1	11
12	Valuing intra-day coordination of electric power and natural gas system operations. Energy Policy, 2020, 141, 111470.	8.8	11
13	Coordinated operation of electricity and natural gas systems from day-ahead to real-time markets. Journal of Cleaner Production, 2021, 281, 124759.	9.3	9
14	Compounding climate change impacts during high stress periods for a high wind and solar power system in Texas. Environmental Research Letters, 2020, 15, 024002.	5.2	8
15	Are cross-border electricity transmission and pumped hydro storage complementary technologies?. , 2013, , .		3
16	Annually and monthly resolved solar irradiance and atmospheric temperature data across the Hawaiian archipelago from 1998 to 2015 with interannual summary statistics. Data in Brief, 2018, 19, 896-920.	1.0	3
17	Characterisation of as-cast model steels with parametric variation of Ni, Mn, Si and Cr content. International Journal of Microstructure and Materials Properties, 2011, 6, 347.	0.1	0
18	Cross-border electricity transmission capacity for network reliability. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Impact of variable renewable energy sources on bulk power system planning and operations. , 2021, , 363-394.		0