Carlo Brancucci Martinez-Anido

List of Publications by Year
in descending order

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	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
2	Impact of variable renewable energy sources on bulk power system planning and operations. , 2021, , 363-394.		0
3	Potential impacts of climate change on wind and solar electricity generation in Texas. Climatic Change, 2020, 163, 745-766.	3.6	16
4	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
5	Valuing intra-day coordination of electric power and natural gas system operations. Energy Policy, 2020, 141, 111470.	8.8	11
6	Inter-annual variability of wind and solar electricity generation and capacity values in Texas. Environmental Research Letters, 2019, 14, 044032.	5.2	19
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	The combined value of wind and solar power forecasting improvements and electricity storage. Applied Energy, 2018, 214, 1-15.	10.1	76
10	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
11	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
12	The Value of Day-Ahead Coordination of Power and Natural Gas Network Operations. Energies, 2018, 11, 1628.	3.1	11
13	Quantifying the Economic and Grid Reliability Impacts of Improved Wind Power Forecasting. IEEE Transactions on Sustainable Energy, 2016, 7, 1525-1537.	8.8	82
14	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
15	The value of day-ahead solar power forecasting improvement. Solar Energy, 2016, 129, 192-203.	6.1	143
16	Does controlled electric vehicle charging substitute cross-border transmission capacity?. Applied Energy, 2014, 120, 169-180.	10.1	39
17	Cross-border electricity transmission capacity for network reliability. , 2013, , .		0
18	Are cross-border electricity transmission and pumped hydro storage complementary technologies?. , 2013, , .		3

#	Article	IF	Citations
19	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