AntÃ³nio Couto

List of Publications by Year
in descending order

19	270	1162367 8	1058022 14
papers	citations	h-index	g-index

20	20	20	202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review of wind generation within adequacy calculations and capacity markets for different power systems. Renewable and Sustainable Energy Reviews, 2020, 119, 109540.	8.2	47
2	Impact of Weather Regimes on the Wind Power Ramp Forecast in Portugal. IEEE Transactions on Sustainable Energy, 2015, 6, 934-942.	5.9	41
3	Assessment of wind and solar PV local complementarity for the hybridization of the wind power plants installed in Portugal. Journal of Cleaner Production, 2021, 319, 128728.	4.6	31
4	Exploring Wind and Solar PV Generation Complementarity to Meet Electricity Demand. Energies, 2020, 13, 4132.	1.6	29
5	Participation of wind power producers in dayâ€ahead and balancing markets: An overview and a simulationâ€based study. Wiley Interdisciplinary Reviews: Energy and Environment, 2019, 8, e343.	1.9	23
6	Effects of regulating the European Internal Market on the integration of variable renewable energy. Wiley Interdisciplinary Reviews: Energy and Environment, 2019, 8, e346.	1.9	20
7	Variable Renewable Energy and Market Design: New Products and a Real-World Study. Energies, 2019, 12, 4576.	1.6	11
8	Agent-Based Simulation of Day-Ahead Energy Markets: Impact of Forecast Uncertainty and Market Closing Time on Energy Prices. , 2016, , .		9
9	A method to correct the flow distortion of offshore wind data using CFD simulation and experimental wind tunnel tests. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 140, 87-94.	1.7	7
10	Changing the Day-Ahead Gate Closure to Wind Power Integration: A Simulation-Based Study. Energies, 2019, 12, 2765.	1.6	7
11	Identification of Extreme Wind Events Using a Weather Type Classification. Energies, 2021, 14, 3944.	1.6	7
12	Wind Power Ramps Driven by Windstorms and Cyclones. Energies, 2017, 10, 1475.	1.6	6
13	Wind power producers in shorter gate closure markets and balancing markets. , 2016, , .		5
14	Wind power participation in electricity markets â€" The role of wind power forecasts. , 2016, , .		4
15	Weather dependent estimation of continent-wide wind power generation based on spatio-temporal clustering. Advances in Science and Research, 0, 14, 131-138.	1.0	4
16	Multi-agent Wholesale Electricity Markets with High Penetrations of Variable Generation: A Case-Study on Multivariate Forecast Bidding Strategies. Communications in Computer and Information Science, 2017, , 340-349.	0.4	2
17	New electricity markets. The challenges of variable renewable energy. , 2021, , 3-20.		1
18	Wind Resource Assessment Method for Floating Deep Offshore Wind Turbines. Engineering & Technology Reference, 2014, , .	0.1	1

#	Article	IF	Citations
19	A Spatiotemporal Methodology for Deep Offshore Resource Assessment. Green Energy and Technology, 2016, , 143-160.	0.4	0