

Conor Sweeney

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

408
citations

840585

11
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change impacts on wind energy generation in Ireland. <i>Wind Energy</i> , 2022, 25, 300-312.	1.9	11
2	Solar energy and weather. <i>Weather</i> , 2022, 77, 90-91.	0.6	0
3	Wind Energy Assessment for Renewable Energy Communities. <i>Wind</i> , 2022, 2, 325-347.	0.6	3
4	Which Reanalysis Dataset Should We Use for Renewable Energy Analysis in Ireland?. <i>Atmosphere</i> , 2021, 12, 624.	1.0	18
5	The future of forecasting for renewable energy. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2020, 9, e365.	1.9	82
6	Bayesian spatial extreme value analysis of maximum temperatures in County Dublin, Ireland. <i>Environmetrics</i> , 2020, 31, e2621.	0.6	4
7	Weather and wind farms. <i>Weather</i> , 2020, 75, 330-331.	0.6	0
8	An investigation of the regional correlation gradients between Euro-Atlantic atmospheric teleconnections and winter solar short wave radiation in northwest Europe. <i>Meteorological Applications</i> , 2020, 27, e1892.	0.9	4
9	A 34-year simulation of wind generation potential for Ireland and the impact of large-scale atmospheric pressure patterns. <i>Renewable Energy</i> , 2017, 106, 165-176.	4.3	25
10	Spatial variability in winter NAO-wind speed relationships in western Europe linked to concomitant states of the East Atlantic and Scandinavian patterns. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 552-562.	1.0	58
11	A high-resolution, multi-model analysis of Irish temperatures for the mid-21st century. <i>International Journal of Climatology</i> , 2016, 36, 1256-1267.	1.5	11
12	Spatial Bayesian hierarchical modelling of extreme sea states. <i>Ocean Modelling</i> , 2016, 107, 1-13.	1.0	9
13	Simulating the future wind energy resource of Ireland using the COSMO-CLM model. <i>Wind Energy</i> , 2014, 17, 19-37.	1.9	20
14	Impacts of exceptional and extreme inter-annual climatic events on the net ecosystem carbon dioxide exchange of a Sitka spruce forest. <i>Agricultural and Forest Meteorology</i> , 2014, 184, 147-157.	1.9	17
15	Reducing errors of wind speed forecasts by an optimal combination of post-processing methods. <i>Meteorological Applications</i> , 2013, 20, 32-40.	0.9	54
16	High resolution forecasting for wind energy applications using Bayesian model averaging. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2013, 65, 19669.	0.8	9
17	Odds on weather: probabilities and the public. <i>Weather</i> , 2013, 68, 247-250.	0.6	9
18	Adaptive post-processing of short-term wind forecasts for energy applications. <i>Wind Energy</i> , 2011, 14, 317-325.	1.9	11

#	ARTICLE	IF	CITATIONS
19	Impact of Balloon Drift Errors in Radiosonde Data on Climate Statistics. Journal of Climate, 2006, 19, 3430-3442.	1.2	29
20	Validation of simulated precipitation patterns over Ireland for the period 1961â€“2000. International Journal of Climatology, 2006, 26, 251-266.	1.5	17
21	Fast numerical simulation of vortex shedding in tube arrays using a discrete vortex method. Journal of Fluids and Structures, 2003, 18, 501-512.	1.5	17