Conor Sweeney

List of Publications by Year
in descending order

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	The future of forecasting for renewable energy. Wiley Interdisciplinary Reviews: Energy and Environment, 2020, 9, e365.	1.9	82
2	Spatial variability in winter NAO–wind speed relationships in western Europe linked to concomitant states of the East Atlantic and Scandinavian patterns. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 552-562.	1.0	58
3	Reducing errors of wind speed forecasts by an optimal combination of post‐processing methods. Meteorological Applications, 2013, 20, 32-40.	0.9	54
4	Impact of Balloon Drift Errors in Radiosonde Data on Climate Statistics. Journal of Climate, 2006, 19, 3430-3442.	1.2	29
5	A 34-year simulation of wind generation potential for Ireland and the impact of large-scale atmospheric pressure patterns. Renewable Energy, 2017, 106, 165-176.	4.3	25
6	Simulating the future wind energy resource of Ireland using the COSMO‐CLM model. Wind Energy, 2014, 17, 19-37.	1.9	20
7	Which Reanalysis Dataset Should We Use for Renewable Energy Analysis in Ireland?. Atmosphere, 2021, 12, 624.	1.0	18
8	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
9	Validation of simulated precipitation patterns over Ireland for the period 1961–2000. International Journal of Climatology, 2006, 26, 251-266.	1.5	17
10	Impacts of exceptional and extreme inter-annual climatic events on the net ecosystem carbon dioxide exchange of a Sitka spruce forest. Agricultural and Forest Meteorology, 2014, 184, 147-157.	1.9	17
11	Adaptive post‐processing of short‐term wind forecasts for energy applications. Wind Energy, 2011, 14, 317-325.	1.9	11
12	A high‐resolution, multi‐model analysis of Irish temperatures for the mid‐21st century. International Journal of Climatology, 2016, 36, 1256-1267.	1.5	11
13	Climate change impacts on wind energy generation in Ireland. Wind Energy, 2022, 25, 300-312.	1.9	11
14	High resolution forecasting for wind energy applications using Bayesian model averaging. Tellus, Series A: Dynamic Meteorology and Oceanography, 2013, 65, 19669.	0.8	9
15	Odds on weather: probabilities and the public. Weather, 2013, 68, 247-250.	0.6	9
16	Spatial Bayesian hierarchical modelling of extreme sea states. Ocean Modelling, 2016, 107, 1-13.	1.0	9
17	Bayesian spatial extreme value analysis of maximum temperatures in County Dublin, Ireland. Environmetrics, 2020, 31, e2621.	0.6	4
18	An investigation of the regional correlation gradients between Euro‐Atlantic atmospheric teleconnections and winter solar short wave radiation in northwest Europe. Meteorological Applications, 2020, 27, e1892.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Wind Energy Assessment for Renewable Energy Communities. Wind, 2022, 2, 325-347.	0.6	3
20	Weather and wind farms. Weather, 2020, 75, 330-331.	0.6	0
21	Solar energy and weather. Weather, 2022, 77, 90-91.	0.6	0