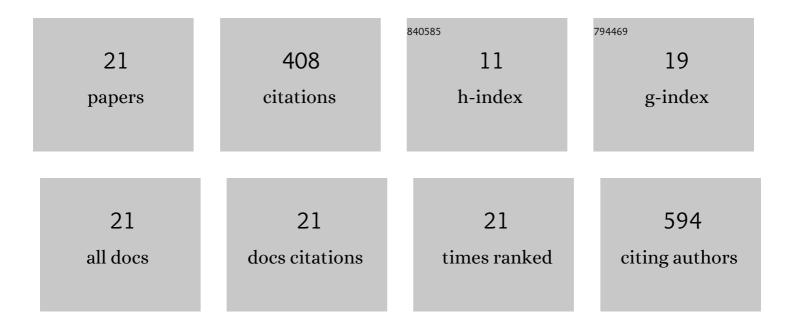
## **Conor Sweeney**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/958018/publications.pdf Version: 2024-02-01



| #  | 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<br>states of the East Atlantic and Scandinavian patterns. Quarterly Journal of the Royal Meteorological<br>Society, 2017, 143, 552-562. | 1.0 | 58        |
| 3  | Reducing errors of wind speed forecasts by an optimal combination of postâ€processing methods.<br>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 LM 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 postâ€processing of shortâ€ŧerm wind forecasts for energy applications. Wind Energy, 2011, 14, 317-325.   | 1.9 | 11        |
| 12 | A highâ€resolution, multiâ€model analysis of Irish temperatures for the midâ€21st century. International<br>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,<br>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.<br>Environmetrics, 2020, 31, e2621.   | 0.6 | 4         |
| 18 | An investigation of the regional correlation gradients between Euroâ€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 | Ο         |