Caroline Draxl

List of Publications by Year
in descending order

11 papers	533 citations	1162889 8 h-index	1281743 11 g-index
28 all docs	28 docs citations	28 times ranked	628 citing authors

#	Article	IF	Citations
1	Stochastic agent-based model for predicting turbine-scale raptor movements during updraft-subsidized directional flights. Ecological Modelling, 2022, 466, 109876.	1.2	3
2	Can reanalysis products outperform mesoscale numerical weather prediction models in modeling the wind resource in simple terrain?. Wind Energy Science, 2022, 7, 487-504.	1.2	10
3	Detecting and characterizing simulated sea breezes over the US northeastern coast with implications for offshore wind energy. Wind Energy Science, 2022, 7, 815-829.	1.2	6
4	Validating simulated mountain wave impacts on hub-height wind speed using SoDAR observations. Renewable Energy, 2021, 163, 2220-2230.	4.3	9
5	Design and analysis of a wake model for spatially heterogeneous flow. Wind Energy Science, 2021, 6, 737-758.	1.2	15
6	Mountain waves can impact wind power generation. Wind Energy Science, 2021, 6, 45-60.	1.2	14
7	Coupling Mesoscale Budget Components to Large-Eddy Simulations for Wind-Energy Applications. Boundary-Layer Meteorology, 2021, 179, 73-98.	1.2	14
8	Evaluating the WFIP2 updates to the HRRR model using scanning Doppler lidar measurements in the complex terrain of the Columbia River Basin. Journal of Renewable and Sustainable Energy, 2020, 12, .	0.8	8
9	USÂEast Coast synthetic aperture radar wind atlas for offshore wind energy. Wind Energy Science, 2020, 5, 1191-1210.	1.2	19
10	Large-eddy simulation sensitivities to variations of configuration and forcing parameters in canonical boundary-layer flows for wind energy applications. Wind Energy Science, 2018, 3, 589-613.	1.2	22
11	The Wind Integration National Dataset (WIND) Toolkit. Applied Energy, 2015, 151, 355-366.	5.1	394