

# Rochelle P Worsnop

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6069888/publications.pdf>

Version: 2024-02-01

12  
papers

298  
citations

1039880

9  
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1199470

12  
g-index

15  
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15  
docs citations

15  
times ranked

396  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing State-of-the-Art Capabilities for Probing the Atmospheric Boundary Layer: The XPIA Field Campaign. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 289-314.	1.7	59
2	The Second Wind Forecast Improvement Project (WFIP2): Observational Field Campaign. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 1701-1723.	1.7	55
3	A Simple Method for Simulating Wind Profiles in the Boundary Layer of Tropical Cyclones. <i>Boundary-Layer Meteorology</i> , 2017, 162, 475-502.	1.2	38
4	Using Artificial Neural Networks for Generating Probabilistic Subseasonal Precipitation Forecasts over California. <i>Monthly Weather Review</i> , 2020, 148, 3489-3506.	0.5	31
5	Gusts and shear within hurricane eyewalls can exceed offshore wind turbine design standards. <i>Geophysical Research Letters</i> , 2017, 44, 6413-6420.	1.5	30
6	Using Large-Eddy Simulations to Define Spectral and Coherence Characteristics of the Hurricane Boundary Layer for Wind-Energy Applications. <i>Boundary-Layer Meteorology</i> , 2017, 165, 55-86.	1.2	24
7	Generating wind power scenarios for probabilistic ramp event prediction using multivariate statistical post-processing. <i>Wind Energy Science</i> , 2018, 3, 371-393.	1.2	18
8	Mountain waves can impact wind power generation. <i>Wind Energy Science</i> , 2021, 6, 45-60.	1.2	14
9	Extended-Range Probabilistic Fire-Weather Forecasting Based on Ensemble Model Output Statistics and Ensemble Copula Coupling. <i>Monthly Weather Review</i> , 2020, 148, 499-521.	0.5	12
10	Evaluating the WFIP2 updates to the HRRR model using scanning Doppler lidar measurements in the complex terrain of the Columbia River Basin. <i>Journal of Renewable and Sustainable Energy</i> , 2020, 12, .	0.8	8
11	Hurricane eyewall winds and structural response of wind turbines. <i>Wind Energy Science</i> , 2020, 5, 89-104.	1.2	8
12	Doppler-Lidar Evaluation of HRRR-Model Skill at Simulating Summertime Wind Regimes in the Columbia River Basin during WFIP2. <i>Weather and Forecasting</i> , 2021, , .	0.5	1