Bogdan Bochenek

List of Publications by Year
in descending order

14 papers	386 citations	1163117 8 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	518 citing authors

#	Article	IF	Citations
1	The ALADIN System and its canonical model configurations AROME CY41T1 and ALARO CY40T1. Geoscientific Model Development, 2018, 11, 257-281.	3.6	133
2	Machine Learning in Weather Prediction and Climate Analyses—Applications and Perspectives. Atmosphere, 2022, 13, 180.	2.3	73
3	Spatial and temporal variability of the frost‐free season in Central Europe and its circulation background. International Journal of Climatology, 2017, 37, 3340-3352.	3.5	42
4	Atmospheric Moisture Content over Europe and the Northern Atlantic. Atmosphere, 2018, 9, 18.	2.3	28
5	Day-Ahead Wind Power Forecasting in Poland Based on Numerical Weather Prediction. Energies, 2021, 14, 2164.	3.1	28
6	Measurement report: Effect of wind shear on PM_{10} concentration vertical structure in the urban boundary layer in a complex terrain. Atmospheric Chemistry and Physics, 2021, 21, 12113-12139.	4.9	18
7	Prediction of Air Temperature in the Polish Western Carpathian Mountains with the ALADIN-HIRLAM Numerical Weather Prediction System. Atmosphere, 2019, 10, 186.	2.3	17
8	Impact of Meteorological Conditions on the Dynamics of the COVID-19 Pandemic in Poland. International Journal of Environmental Research and Public Health, 2021, 18, 3951.	2.6	17
9	Vertical Structure of Moisture Content over Europe. Advances in Meteorology, 2018, 2018, 1-13.	1.6	7
10	The impact of a foehn wind on PM_{10} concentrations and the urban boundary layer in complex terrain: a case study from Kraków, Poland. Tellus, Series B: Chemical and Physical Meteorology, 2022, 73, 1933780.	1.6	7
11	Machine Learning-Based Front Detection in Central Europe. Atmosphere, 2021, 12, 1312.	2.3	5
12	Machine Learning Analyzed Weather Conditions as an Effective Means in the Predicting of Acute Coronary Syndrome Prevalence. Frontiers in Cardiovascular Medicine, 2022, 9, 830823.	2.4	5
13	Random Forests Assessment of the Role of Atmospheric Circulation in PM10 in an Urban Area with Complex Topography. Sustainability, 2022, 14, 3388.	3.2	4
14	Quality control and verification of precipitation observations, estimates, and forecasts. , 2022, , 91-133.		2