# 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 impact of a foehn wind on PM&lt;sub&gt;10&lt;/sub&gt; concentrations and the urban boundary layer in complex terrain: a case study from KrakÃ³w, Poland. Tellus, Series B: Chemical and Physical Meteorology, 2022, 73, 1933780. | 1.6 | 7 |
| 2 | Quality control and verification of precipitation observations, estimates, and forecasts. , 2022, , 91-133. | | 2 |
| 3 | Machine Learning in Weather Prediction and Climate Analysesâ€"Applications and Perspectives. Atmosphere, 2022, 13, 180. | 2.3 | 73 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Day-Ahead Wind Power Forecasting in Poland Based on Numerical Weather Prediction. Energies, 2021, 14, 2164. | 3.1 | 28 |
| 8 | Measurement report: Effect of wind shear on PM&amp;lt;sub&amp;gt;10&amp;lt;/sub&amp;gt; concentration vertical structure in the urban boundary layer in a complex terrain. Atmospheric Chemistry and Physics, 2021, 21, 12113-12139. | 4.9 | 18 |
| 9 | Machine Learning-Based Front Detection in Central Europe. Atmosphere, 2021, 12, 1312. | 2.3 | 5 |
| 10 | 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 |
| 11 | Vertical Structure of Moisture Content over Europe. Advances in Meteorology, 2018, 2018, 1-13. | 1.6 | 7 |
| 12 | Atmospheric Moisture Content over Europe and the Northern Atlantic. Atmosphere, 2018, 9, 18. | 2.3 | 28 |
| 13 | The ALADIN System and its canonical model configurations AROME CY41T1 and ALARO CY40T1. Geoscientific Model Development, 2018, 11, 257-281. | 3.6 | 133 |
| 14 | Spatial and temporal variability of the frostâ€free season in Central Europe and its circulation background. International Journal of Climatology, 2017, 37, 3340-3352. | 3.5 | 42 |