Marek PÃ³Å‚rolniczak

List of Publications by Year
in descending order

26 papers	456 citations	840585 11 h-index	713332 21 g-index
27 all docs	27 docs citations	27 times ranked	502 citing authors

#	Article	IF	Citations
1	Determination of Surface Precipitation Type Based on the Data Fusion Approach. Advances in Atmospheric Sciences, 2021, 38, 387-399.	1.9	6
2	Regional circulation patterns inducing coastal upwelling in the Baltic Sea. Theoretical and Applied Climatology, 2021, 144, 905-916.	1.3	3
3	Influence of Atmospheric Circulation on Cloudiness and Cloud Types in Petuniabukta and Svalbard-Lufthavn in Summer 2016. Atmosphere, 2021, 12, 724.	1.0	1
4	The influence of weather and level of observer expertise on suburban landscape perception. Building and Environment, 2021, 202, 108016.	3.0	9
5	An estimation of the accuracy of the topoclimate range based on the land surface temperature with reference to a case study of the Drawa National Park, Poland. Theoretical and Applied Climatology, 2020, 142, 369-379.	1.3	2
6	Atmospheric circulation conditions during winter warm spells in Central Europe. Natural Hazards, 2019, 96, 1413-1428.	1.6	13
7	If not NAO then what?â€"regional circulation patterns governing summer air temperatures in Poland. Theoretical and Applied Climatology, 2019, 136, 1325-1337.	1.3	11
8	Atmospheric Forcing of Coastal Upwelling in the Southern Baltic Sea Basin. Atmosphere, 2019, 10, 327.	1.0	8
9	Strong heat and cold waves in Poland in relation with the large-scale atmospheric circulation. Theoretical and Applied Climatology, 2019, 137, 1909-1923.	1.3	34
10	The Impact of Biometeorological Conditions on the Perception of Landscape. Atmosphere, 2019, 10, 264.	1.0	7
11	Application of machine learning to large hail prediction - The importance of radar reflectivity, lightning occurrence and convective parameters derived from ERA5. Atmospheric Research, 2019, 227, 249-262.	1.8	47
12	Derecho Evolving from a Mesocycloneâ€"A Study of 11 August 2017 Severe Weather Outbreak in Poland: Event Analysis and High-Resolution Simulation. Monthly Weather Review, 2019, 147, 2283-2306.	0.5	41
13	Homogenization of air temperature and its long-term trends in PoznaÅ„ (Poland) for the period 1848â€"2016. Theoretical and Applied Climatology, 2019, 136, 1357-1370.	1.3	28
14	The occurrence of heat waves in Europe and their circulation conditions. Geografie-Sbornik CGS, 2019, 124, 1-17.	0.3	11
15	Human-biometeorological conditions in the southern Baltic coast based on the universal thermal climate index (UTCI). Theoretical and Applied Climatology, 2018, 134, 363-379.	1.3	34
16	Thermal Conditions in the City of PoznaÅ„ (Poland) during Selected Heat Waves. Atmosphere, 2018, 9, 11.	1.0	15
17	Cold Waves in PoznaÅ„ (Poland) and Thermal Conditions in the City during Selected Cold Waves. Atmosphere, 2018, 9, 208.	1.0	9
18	Atmospheric forcing of upwelling along the south-eastern Baltic coast. Baltica, 2018, 31, 73-85.	0.1	5

#	Article	IF	Citations
19	The urban heat island in the city of PoznaÅ„ as derived from Landsat 5 TM. Theoretical and Applied Climatology, 2017, 128, 769-783.	1.3	44
20	The influence of atmospheric circulation on the intensity of urban heat island and urban cold island in PoznaÅ„, Poland. Theoretical and Applied Climatology, 2017, 127, 611-625.	1.3	31
21	Influence of the atmospheric conditions on PM10 concentrations in PoznaÅ„, Poland. Journal of Atmospheric Chemistry, 2017, 74, 115-139.	1.4	53
22	Circulation Conditionsâ€™ Effect on the Occurrence of Heat Waves in Western and Southwestern Europe. Atmosphere, 2017, 8, 31.	1.0	33
23	Evaluation of Thermal Conditions in Jeziory (The Wielkopolski National Park). Quaestiones Geographicae, 2013, 32, 33-42.	0.2	0
24	Initial Assessment of the Weather Research and Forecasting Model for Forecasting Bioclimatic Conditions During Breeze Circulation â€“ Case Study of the SÅ‚owiÅ„ski National Park. Quaestiones Geographicae, 2013, 32, 5-14.	0.2	0
25	MiÄ™dzydobowe zmiany ciÅ›nienia atmosferycznego w Poznaniu na tle typÃ³w cyrkulacji GWL (Grossweterlagen) = Interdiurnal air-pressure changes in PoznaÅ„ as set against GWL (Grossweterlagen) circulation types. Przeglad Geograficzny, 2012, 84, 423-435.	0.2	2
26	Sensible temperature at the Åeba Sandbar (SÅ‚owiÅ„ski National Park) on selected days of the 2010 summer season. Quaestiones Geographicae, 2011, 30, 83-99.	0.2	1