

# Pavel Zahradník

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

809  
citations

567281

15  
h-index

526287

27  
g-index

32  
all docs

32  
docs citations

32  
times ranked

892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term changes in drought indices in eastern and central Europe. <i>International Journal of Climatology</i> , 2022, 42, 225-249.	3.5	41
2	Circulation and Climate Variability in the Czech Republic between 1961 and 2020: A Comparison of Changes for Two "Normal" Periods. <i>Atmosphere</i> , 2022, 13, 137.	2.3	23
3	Temperature extremes and circulation types in the Czech Republic, 1961–2020. <i>International Journal of Climatology</i> , 2022, 42, 4808-4829.	3.5	12
4	Weather and traffic accidents in the Czech Republic, 1979–2020. <i>Theoretical and Applied Climatology</i> , 2022, 149, 153-167.	2.8	10
5	Changes in Weather-Related Fatalities in the Czech Republic during the 1961–2020 Period. <i>Atmosphere</i> , 2022, 13, 688.	2.3	4
6	Phenological Response of Flood Plain Forest Ecosystem Species to Climate Change during 1961–2021. <i>Atmosphere</i> , 2022, 13, 978.	2.3	4
7	Reflections of global warming in trends of temperature characteristics in the Czech Republic, 1961–2019. <i>International Journal of Climatology</i> , 2021, 41, 1211-1229.	3.5	46
8	Precipitation measurements by manual and automatic rain gauges and their influence on homogeneity of long-term precipitation series. <i>International Journal of Climatology</i> , 2021, 41, E2537.	3.5	6
9	Soil drought and circulation types in a longitudinal transect over central Europe. <i>International Journal of Climatology</i> , 2021, 41, E2834.	3.5	11
10	Observed changes in precipitation during recent warming: The Czech Republic, 1961–2019. <i>International Journal of Climatology</i> , 2021, 41, 3881-3902.	3.5	33
11	Fatalities associated with the severe weather conditions in the Czech Republic, 2000–2019. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 1355-1382.	3.6	14
12	Effects of Climatic and Soil Data on Soil Drought Monitoring Based on Different Modelling Schemes. <i>Atmosphere</i> , 2021, 12, 913.	2.3	5
13	Assess hydrological responses to a warming climate at the Lysina Critical Zone Observatory in Central Europe. <i>Hydrological Processes</i> , 2021, 35, e14281.	2.6	2
14	Observed and estimated consequences of climate change for the fire weather regime in the moist-temperate climate of the Czech Republic. <i>Agricultural and Forest Meteorology</i> , 2021, 310, 108583.	4.8	10
15	The 1921 European drought: impacts, reconstruction and drivers. <i>Climate of the Past</i> , 2021, 17, 2201-2221.	3.4	4
16	Precipitation in the Czech Republic in Light of Subjective and Objective Classifications of Circulation Types. <i>Atmosphere</i> , 2021, 12, 1536.	2.3	12
17	Comparison of homogenization methods for daily temperature series against an observation-based benchmark dataset. <i>Theoretical and Applied Climatology</i> , 2020, 140, 285-301.	2.8	23
18	Past (1971–2018) and future (2021–2100) pan evaporation rates in the Czech Republic. <i>Journal of Hydrology</i> , 2020, 590, 125390.	5.4	29

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19	Large wood load and transport in a flood-free period within an inter-dam reach: a decade of monitoring the Dyje River, Czech Republic. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3540-3555.	2.5	5
20	Czech Drought Monitor System for monitoring and forecasting agricultural drought and drought impacts. <i>International Journal of Climatology</i> , 2020, 40, 5941-5958.	3.5	55
21	Potential of Documentary Evidence to Study Fatalities of Hydrological and Meteorological Events in the Czech Republic. <i>Water (Switzerland)</i> , 2019, 11, 2014.	2.7	11
22	Differences in wind speeds according to measured and homogenized series in the Czech Republic, 1961-2015. <i>International Journal of Climatology</i> , 2019, 39, 235-250.	3.5	16
23	The extreme drought of 1842 in Europe as described by both documentary data and instrumental measurements. <i>Climate of the Past</i> , 2019, 15, 1861-1884.	3.4	18
24	Projected changes in the evolution of drought on various timescales over the Czech Republic according to EURO-CORDEX models. <i>International Journal of Climatology</i> , 2018, 38, e939.	3.5	18
25	Projected shift of Köppen-Geiger zones in the central Europe: A first insight into the implications for ecosystems and the society. <i>International Journal of Climatology</i> , 2018, 38, 3595-3606.	3.5	16
26	The variability of maximum wind gusts in the Czech Republic between 1961 and 2014. <i>International Journal of Climatology</i> , 2017, 37, 1961-1978.	3.5	18
27	The extreme drought episode of August 2011-May 2012 in the Czech Republic. <i>International Journal of Climatology</i> , 2015, 35, 3335-3352.	3.5	53
28	Climate of the Carpathian Region in the period 1961-2010: climatologies and trends of 10 variables. <i>International Journal of Climatology</i> , 2015, 35, 1322-1341.	3.5	152
29	Homogenization of monthly precipitation time series in Croatia. <i>International Journal of Climatology</i> , 2014, 34, 3671-3682.	3.5	17
30	Long-term variability of temperature and precipitation in the Czech Lands: an attribution analysis. <i>Climatic Change</i> , 2014, 125, 253-264.	3.6	14
31	Temperature and precipitation fluctuations in the Czech Republic during the period of instrumental measurements. <i>Theoretical and Applied Climatology</i> , 2012, 110, 17-34.	2.8	72
32	Could the changes in regional crop yields be a pointer of climatic change?. <i>Agricultural and Forest Meteorology</i> , 2012, 166-167, 62-71.	4.8	55