

# Vaclav Sipek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6261625/publications.pdf>

Version: 2024-02-01

19  
papers

179  
citations

1307594

7  
h-index

1199594

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochar considerably increases the easily available water and nutrient content in low-organic soils amended with compost and manure. <i>Chemosphere</i> , 2022, 293, 133586.	8.2	22
2	Biochar and its potential to increase water, trace element, and nutrient retention in soils. , 2022, , 25-33.		0
3	Runoff formation in a catchment with Peat bog and Podzol hillslopes. <i>Journal of Hydrology</i> , 2021, 593, 125633.	5.4	2
4	Catchment Storage and its Influence on Summer Low Flows in Central European Mountainous Catchments. <i>Water Resources Management</i> , 2021, 35, 2829-2843.	3.9	3
5	Precipitation extremes derived from temporally aggregated time series and the efficiency of their correction. <i>Hydrological Sciences Journal</i> , 2021, 66, 2249-2257.	2.6	4
6	Future changes in snowpack will impact seasonal runoff and low flows in Czechia. <i>Journal of Hydrology: Regional Studies</i> , 2021, 37, 100899.	2.4	6
7	Influence of vegetation type and soil properties on soil water dynamics in the Āumava Mountains (Southern Bohemia). <i>Journal of Hydrology</i> , 2020, 582, 124285.	5.4	13
8	Manifestation of spatial and temporal variability of soil hydraulic properties in the uncultivated Fluvisol and performance of hydrological model. <i>Catena</i> , 2019, 182, 104119.	5.0	17
9	The influence of observed and modelled net longwave radiation on the rate of estimated potential evapotranspiration. <i>Journal of Hydrology and Hydromechanics</i> , 2019, 67, 280-288.	2.0	8
10	Biochar presence in soil significantly decreased saturated hydraulic conductivity due to swelling. <i>Soil and Tillage Research</i> , 2018, 184, 181-185.	5.6	30
11	Year-round estimation of soil moisture content using temporally variable soil hydraulic parameters. <i>Hydrological Processes</i> , 2017, 31, 1438-1452.	2.6	9
12	Influence of beech and spruce sub-montane forests on snow cover in PoÅ¼ana Biosphere Reserve. <i>Biologia (Poland)</i> , 2017, 72, 854-861.	1.5	3
13	Validation of a mesoscale hydrological model in a small-scale forested catchment. <i>Hydrology Research</i> , 2016, 47, 27-41.	2.7	5
14	Modification of input datasets for the Ensemble Streamflow Prediction based on large-scale climatic indices and weather generator. <i>Journal of Hydrology</i> , 2015, 528, 720-733.	5.4	10
15	Seasonal snow accumulation in the mid-latitude forested catchment. <i>Biologia (Poland)</i> , 2014, 69, 1562-1569.	1.5	10
16	The influence of large-scale climatic patterns on precipitation, temperature, and discharge in Czech river basins. <i>Journal of Hydrology and Hydromechanics</i> , 2013, 61, 278-285.	2.0	4
17	Climate change impact assessment on various components of the hydrological regime of the MalÅ½e River basin. <i>Journal of Hydrology and Hydromechanics</i> , 2011, 59, .	2.0	6
18	Comparative analysis of selected hydromorphological assessment methods. <i>Environmental Monitoring and Assessment</i> , 2010, 169, 309-319.	2.7	21

#	ARTICLE	IF	CITATIONS
19	Canopy interception estimates in a Norway spruce forest and their importance for hydrological modelling. Hydrological Sciences Journal, 0, , 1-15.	2.6	6