

# LukÃ;Å; VlÄek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5701112/publications.pdf>

Version: 2024-02-01

13  
papers

75  
citations

1478505

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1588992

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13  
docs citations

13  
times ranked

68  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the Groundwater Level and Soil Moisture of a Montane Peat Bog Using UAV Monitoring and Machine Learning. Remote Sensing, 2021, 13, 907.	4.0	14
2	Influence of vegetation type and soil properties on soil water dynamics in the Āumava Mountains (Southern Bohemia). Journal of Hydrology, 2020, 582, 124285.	5.4	13
3	Retention potential and hydrological balance of a peat bog: case study of Rokytka Moors, Otava River headwaters, sw. Czechia. Geografie-Sbornik CGS, 2012, 117, 395-414.	0.6	10
4	Identification of runoff formation with two dyes in a mid-latitude mountain headwater. Hydrology and Earth System Sciences, 2017, 21, 3025-3040.	4.9	9
5	Geochemical evidence for peat bog contribution to the streamflow generation process: case study of the Vltava River headwaters, Czech Republic. Hydrological Sciences Journal, 2016, 61, 2579-2589.	2.6	8
6	Influence of peat soils on runoff process: case study of Vydra River headwaters, Czechia. Geografie-Sbornik CGS, 2016, 121, 235-253.	0.6	7
7	Canopy interception estimates in a Norway spruce forest and their importance for hydrological modelling. Hydrological Sciences Journal, 0, , 1-15.	2.6	6
8	Ecohydrological Behaviour of Mountain Beech Forest: Quantification of Stomatal Conductance Using Sap Flow Measurements. Geosciences (Switzerland), 2019, 9, 243.	2.2	2
9	Runoff formation in a catchment with Peat bog and Podzol hillslopes. Journal of Hydrology, 2021, 593, 125633.	5.4	2
10	Evaluation of the influence of mountain peat bogs restoration measures on the groundwater level: case study Rokytka peat bog, the Āumava Mts., Czech Republic. Acta Universitatis Carolinae, Geographica, 2017, 52, 141-150.	0.2	2
11	Hydrological Function of a Midlatitude Headwater Peatland. , 0, , .		1
12	Hydrological regime and physico-chemical water properties of various types of peat bog sites: case study of MezilesnĀ-peat bog, Āumava Mts.. Geografie-Sbornik CGS, 2020, 125, 21-46.	0.6	1
13	Headwaters biogeochemistry focused on different rainfall-runoff conditions, and the role of waterlogged areas: a comparative study of Czech mountains. Hydrological Sciences Journal, 2022, 67, 588-612.	2.6	0