

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 presence in soil significantly decreased saturated hydraulic conductivity due to swelling. <i>Soil and Tillage Research</i> , 2018, 184, 181-185. | 5.6 | 30 |
| 2 | 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 |
| 3 | Comparative analysis of selected hydromorphological assessment methods. <i>Environmental Monitoring and Assessment</i> , 2010, 169, 309-319. | 2.7 | 21 |
| 4 | 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 |
| 5 | 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 |
| 6 | Seasonal snow accumulation in the mid-latitude forested catchment. <i>Biologia (Poland)</i> , 2014, 69, 1562-1569. | 1.5 | 10 |
| 7 | 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 |
| 8 | Year-round estimation of soil moisture content using temporally variable soil hydraulic parameters. <i>Hydrological Processes</i> , 2017, 31, 1438-1452. | 2.6 | 9 |
| 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 | Canopy interception estimates in a Norway spruce forest and their importance for hydrological modelling. <i>Hydrological Sciences Journal</i> , 0, , 1-15. | 2.6 | 6 |
| 11 | 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 |
| 12 | Climate change impact assessment on various components of the hydrological regime of the MalĀje River basin. <i>Journal of Hydrology and Hydromechanics</i> , 2011, 59, . | 2.0 | 6 |
| 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 | 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 |
| 15 | 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 |
| 16 | Influence of beech and spruce sub-montane forests on snow cover in PoĀana Biosphere Reserve. <i>Biologia (Poland)</i> , 2017, 72, 854-861. | 1.5 | 3 |
| 17 | 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 |
| 18 | Runoff formation in a catchment with Peat bog and Podzol hillslopes. <i>Journal of Hydrology</i> , 2021, 593, 125633. | 5.4 | 2 |

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|----|---|----|-----------|
| 19 | Biochar and its potential to increase water, trace element, and nutrient retention in soils. , 2022, , 25-33. | | 0 |