

Pavla Pekárová

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

640
citations

687363

13
h-index

610901

24
g-index

47
all docs

47
docs citations

47
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal runoff oscillation analysis of the main rivers of the world during the 19thâ€“20th centuries. <i>Journal of Hydrology</i> , 2003, 274, 62-79.	5.4	109
2	Retrieval of suspended particulate matter concentrations in the Danube River from Landsat ETM data. <i>Science of the Total Environment</i> , 2008, 397, 238-243.	8.0	72
3	The impact of land use on stream water quality in Slovakia. <i>Journal of Hydrology</i> , 1996, 180, 333-350.	5.4	60
4	Extent and persistence of soil water repellency induced by pines in different geographic regions. <i>Journal of Hydrology and Hydromechanics</i> , 2018, 66, 360-368.	2.0	43
5	Is the Water Temperature of the Danube River at Bratislava, Slovakia, Rising?. <i>Journal of Hydrometeorology</i> , 2008, 9, 1115-1122.	1.9	35
6	Long-term discharge prediction for the Turnu Severin station (the Danube) using a linear autoregressive model. <i>Hydrological Processes</i> , 2006, 20, 1217-1228.	2.6	28
7	Historic flood marks and flood frequency analysis of the Danube River at Bratislava, Slovakia. <i>Journal of Hydrology and Hydromechanics</i> , 2013, 61, 326-333.	2.0	26
8	A new method for estimating soil water repellency index. <i>Biologia (Poland)</i> , 2015, 70, 1450-1455.	1.5	25
9	Prediction of Water Quality in the Danube River Under extreme Hydrological and Temperature Conditions. <i>Journal of Hydrology and Hydromechanics</i> , 2009, 57, 3-15.	2.0	23
10	Analysing 21st century meteorological and hydrological drought events in Slovakia. <i>Journal of Hydrology and Hydromechanics</i> , 2018, 66, 393-403.	2.0	22
11	Long-term trend and multi-annual variability of water temperature in the pristine Bela River basin (Slovakia). <i>Journal of Hydrology</i> , 2011, 400, 333-340.	5.4	20
12	Analysis of flood propagation changes in the Kienstockâ€”Bratislava reach of the Danube River/Analyse des changements de propagation des crues dans le tronÃ§on Kienstockâ€”Bratislava du Fleuve Danube. <i>Hydrological Sciences Journal</i> , 2005, 50, .	2.6	15
13	Post-event analysis and flash flood hydrology in Slovakia. <i>Journal of Hydrology and Hydromechanics</i> , 2016, 64, 304-315.	2.0	15
14	Teleconnections of inter-annual streamflow fluctuation in Slovakia with Arctic Oscillation, North Atlantic Oscillation, Southern Oscillation, and Quasi-Biennial Oscillation phenomena. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 655-663.	4.3	14
15	Global drivers effect in multi-annual variability of runoff. <i>Journal of Hydrology and Hydromechanics</i> , 2014, 62, 169-176.	2.0	14
16	Estimating Flash Flood Peak Discharge in Gidra and ParnÃ¡ Basin: Case Study for the 7-8 June 2011 Flood. <i>Journal of Hydrology and Hydromechanics</i> , 2012, 60, 206-216.	2.0	12
17	Water balance comparison of two small experimental basins with different vegetation cover. <i>Biologia (Poland)</i> , 2009, 64, 487-491.	1.5	10
18	Identification of long-term high-flow regime changes in selected stations along the Danube River. <i>Journal of Hydrology and Hydromechanics</i> , 2016, 64, 393-403.	2.0	10

#	ARTICLE	IF	CITATIONS
19	Reconstruction and post-event analysis of a flash flood in a small ungauged basin: a case study in Slovak territory. <i>Natural Hazards</i> , 2018, 92, 741-760.	3.4	9
20	Testing of AGNPS model application in Slovak microbasins. <i>Physics and Chemistry of the Earth</i> , 1999, 24, 303-305.	0.3	8
21	Analyzing temporal changes in maximum runoff volume series of the Danube River. <i>IOP Conference Series: Earth and Environmental Science</i> , 2008, 4, 012007.	0.3	6
22	Examination of the Dissolved Inorganic Nitrogen Budget in Three Experimental Microbasins with Contrasting Land Cover – A Mass Balance Approach. <i>Water, Air, and Soil Pollution</i> , 2010, 210, 221-230.	2.4	6
23	Hydrological simulation of flood transformations in the upper Danube River: Case study of large flood events. <i>Journal of Hydrology and Hydromechanics</i> , 2016, 64, 337-348.	2.0	5
24	Precipitation Regime and Temporal Changes in the Central Danubian Lowland Region. <i>Advances in Meteorology</i> , 2015, 2015, 1-12.	1.6	4
25	Post-flood field investigation of the June 2020 flash flood in the upper Muráň River basin and the catastrophic flash flood scenario. <i>Journal of Hydrology and Hydromechanics</i> , 2021, 69, 288-299.	2.0	4
26	Use of historical sources in a study of the 1895 floods on the Danube River and its tributaries. <i>Geographica Pannonica</i> , 2014, 18, 108-116.	1.3	4
27	Long-term trend changes of monthly and extreme discharges for different time periods. <i>Acta Hydrologica Slovaca</i> , 2020, 20, .	0.6	4
28	Evaluation and indirect estimation of nitrate losses from the agricultural microbasin Rybárik. <i>Biologia (Poland)</i> , 2007, 62, 569-572.	1.5	3
29	Statistical Analysis of Hydrological Regime of the Danube River at Ceatal Izmail Station. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 221, 012035.	0.3	3
30	Detection of changes in flow variability of the upper Danube between 1876-2006. <i>IOP Conference Series: Earth and Environmental Science</i> , 2008, 4, 012028.	0.3	2
31	Snow Water Equivalent Measurement and Simulation in Microbasins with Different Vegetation Cover. <i>Journal of Hydrology and Hydromechanics</i> , 2009, 57, .	2.0	2
32	The Changes of Water Balance in the Eastern Slovakia. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 362, 012014.	0.3	2
33	The Use of a Uniform Technique for Harmonization and Generalization in Assessing the Flood Discharge Frequencies of Long Return Period Floods in the Danube River Basin. <i>Water (Switzerland)</i> , 2021, 13, 1337.	2.7	2
34	Impact of water sampling frequency on estimating water quality status in the Ondava River. <i>Ecology and Hydrobiology</i> , 2006, 6, 105-113.	2.3	1
35	Analysis of Maximum Runoff Volumes with Different Time Durations of Flood Waves: A Case Study on Topľá River in Slovakia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 362, 012013.	0.3	1
36	Long-Term Runoff Variability Analysis of Rivers in the Danube Basin. <i>Acta Horticulturae Et Regiotechnicae</i> , 2021, 24, 37-44.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Effect of water on bimodality of air temperature distribution functions and changes in T-year air temperature values in Hurbanovo. Acta Hydrologica Slovaca, 2019, 20, .	0.6	1
38	Forest influence on flash floods in small streams. Proceedings of the International Association of Hydrological Sciences, 0, 366, 139-140.	1.0	1
39	Differences in the long-term regimes of extreme floods using seasonality indices at Slovak Danube River tributaries. Acta Hydrologica Slovaca, 2020, 21, 178-187.	0.6	1
40	LONG-TERM PREDICTION OF THE NEVA RIVER MEAN ANNUAL DISCHARGE BY STOCHASTIC MODELS. , 2013, , .		0
41	SURFACE AND GROUND WATER POLLUTION BY NITRATES IN EASTERN SLOVAKIA. , 2013, , .		0
42	SEASONAL CHANGES OF THE SOIL TEMPERATURE IN DIFFERENT DEPTHS. , 2013, , .		0
43	HISTORY OF FLOODS ON THE TERRITORY OF SLOVAKIA. , 2013, , .		0
44	ELEVATION GRADIENT AND LONG-TERM TREND OF THE WATER TEMPERATURE IN SURFACE STREAMS IN SLOVAKIA. , 2014, , .		0
45	Increase of flood water levels on the middle Danube. Proceedings of the International Association of Hydrological Sciences, 0, 366, 145-146.	1.0	0