

# Peter Valent

## List of Publications by Year in descending order

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16  
papers

213  
citations

1684188

5  
h-index

1058476

14  
g-index

16  
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16  
docs citations

16  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating Rainfall Erosivity Factor Using Future Climate Projection in the Myjava Region (Slovakia). <i>Acta Horticulturae Et Regiotecturae</i> , 2021, 24, 31-36.	1.0	2
2	Current European flood-rich period exceptional compared with past 500 years. <i>Nature</i> , 2020, 583, 560-566.	27.8	154
3	Impact of Climate and Geology on Event Runoff Characteristics at the Regional Scale. <i>Water (Switzerland)</i> , 2020, 12, 3457.	2.7	7
4	Monitoring Changes in the Morphology and Storage of a Small Water Reservoir: A Case Study from Vrbovce, Slovakia. <i>Slovak Journal of Civil Engineering</i> , 2020, 28, 30-35.	0.5	2
5	An Assessment of Changes in Ecological Stability and Landscape Management Practices over the Last Centuries: A Case Study from Vrbovce, Slovakia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 603, 022083.	0.6	3
6	A Joint Sedimentation-Flood Retention Assessment of a Small Water Reservoir in Slovakia: A New Hope for Old Reservoirs?. <i>Geosciences (Switzerland)</i> , 2019, 9, 158.	2.2	3
7	An Application of a Stochastic Semi-Continuous Simulation Method for Flood Frequency Analysis: A Case Study in Slovakia. <i>Slovak Journal of Civil Engineering</i> , 2017, 25, 30-44.	0.5	1
8	Optimizing Use of Water Management Systems during Changes of Hydrological Conditions. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 245, 032075.	0.6	1
9	Evaluation of Surface Runoff Generation Processes Using a Rainfall Simulator: A Small Scale Laboratory Experiment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 95, 022016.	0.3	4
10	CALIBRATION OF A LOW-COST 3D PRINTED RAIN GAUGE UTILIZING AN OPEN-SOURCE ARDUINO PLATFORM. , 2017, , .		0
11	Modelling the Climate Change Impact On Monthly Runoff in Central Slovakia. <i>Procedia Engineering</i> , 2016, 161, 2127-2132.	1.2	4
12	Process-based selection of copula types for flood peak-volume relationships in Northwest Austria: a case study. <i>Contributions To Geophysics and Geodesy</i> , 2016, 46, 245-268.	0.6	2
13	Estimation of the impact of climate change-induced extreme precipitation events on floods. <i>Contributions To Geophysics and Geodesy</i> , 2015, 45, 173-192.	0.6	18
14	Alternative Approaches to a Calibration of Rainfall- Runoff Models for a Flood Frequency Analysis. <i>Acta Silvatica Et Lignaria Hungarica</i> , 2014, 10, 161-174.	0.3	0
15	Assessment of The Uncertainties of a Conceptual Hydrologic Model By Using Artificially Generated Flows. <i>Slovak Journal of Civil Engineering</i> , 2012, 20, 35-43.	0.5	7
16	Analysis of Nitrate Concentrations Using Nonlinear Time Series Models. <i>Journal of Hydrology and Hydromechanics</i> , 2011, 59, .	2.0	5