

Korbinian Breinl

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,090
citations

567144

15
h-index

887953

17
g-index

22
all docs

22
docs citations

22
times ranked

1705
citing authors

#	ARTICLE	IF	CITATIONS
1	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. <i>Hydrological Sciences Journal</i> , 2019, 64, 1141-1158.	1.2	474
2	Water shortages worsened by reservoir effects. <i>Nature Sustainability</i> , 2018, 1, 617-622.	11.5	213
3	An Integrative Research Framework to Unravel the Interplay of Natural Hazards and Vulnerabilities. <i>Earth's Future</i> , 2018, 6, 305-310.	2.4	48
4	Extreme dry and wet spells face changes in their duration and timing. <i>Environmental Research Letters</i> , 2020, 15, 074040.	2.2	45
5	Simulating daily precipitation and temperature: a weather generation framework for assessing hydrometeorological hazards. <i>Meteorological Applications</i> , 2015, 22, 334-347.	0.9	44
6	Understanding the relationship between rainfall and flood probabilities through combined intensity-duration-frequency analysis. <i>Journal of Hydrology</i> , 2021, 602, 126759.	2.3	38
7	A new flood type classification method for use in climate change impact studies. <i>Weather and Climate Extremes</i> , 2016, 14, 1-16.	1.6	36
8	Can weather generation capture precipitation patterns across different climates, spatial scales and under data scarcity?. <i>Scientific Reports</i> , 2017, 7, 5449.	1.6	33
9	Stochastic generation of multi-site daily precipitation for applications in risk management. <i>Journal of Hydrology</i> , 2013, 498, 23-35.	2.3	29
10	Driving a lumped hydrological model with precipitation output from weather generators of different complexity. <i>Hydrological Sciences Journal</i> , 2016, 61, 1395-1414.	1.2	23
11	Empirical atmospheric thresholds for debris flows and flash floods in the southern French Alps. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1517-1530.	1.5	21
12	Space-time disaggregation of precipitation and temperature across different climates and spatial scales. <i>Journal of Hydrology: Regional Studies</i> , 2019, 21, 126-146.	1.0	20
13	Space–Time Characteristics of Areal Reduction Factors and Rainfall Processes. <i>Journal of Hydrometeorology</i> , 2020, 21, 671-689.	0.7	18
14	A systematic comparison of statistical and hydrological methods for design flood estimation. <i>Hydrology Research</i> , 2019, 50, 1665-1678.	1.1	17
15	Model averaging versus model selection: estimating design floods with uncertain river flow data. <i>Hydrological Sciences Journal</i> , 2018, 63, 1913-1926.	1.2	16
16	A joint modelling framework for daily extremes of river discharge and precipitation in urban areas. <i>Journal of Flood Risk Management</i> , 2017, 10, 97-114.	1.6	13
17	Design Flood Estimation: Exploring the Potentials and Limitations of Two Alternative Approaches. <i>Water (Switzerland)</i> , 2019, 11, 729.	1.2	2