

Wouter J M Knoben

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1581634/publications.pdf>

Version: 2024-02-01

15
papers

1,655
citations

687363

13
h-index

996975

15
g-index

41
all docs

41
docs citations

41
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	Teaching hydrological modelling: illustrating model structure uncertainty with a ready-to-use computational exercise. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 3299-3314.	4.9	4
2	Flood spatial coherence, triggers, and performance in hydrological simulations: large-sample evaluation of four streamflow-calibrated models. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 105-119.	4.9	16
3	How Do Climate and Catchment Attributes Influence Flood Generating Processes? A Large-sample Study for 671 Catchments Across the Contiguous USA. <i>Water Resources Research</i> , 2021, 57, e2020WR028300.	4.2	46
4	Mimicry of a Conceptual Hydrological Model (HBV): What's in a Name?. <i>Water Resources Research</i> , 2021, 57, e2020WR029143.	4.2	7
5	The Abuse of Popular Performance Metrics in Hydrologic Modeling. <i>Water Resources Research</i> , 2021, 57, e2020WR029001.	4.2	76
6	A Brief Analysis of Conceptual Model Structure Uncertainty Using 36 Models and 559 Catchments. <i>Water Resources Research</i> , 2020, 56, e2019WR025975.	4.2	72
7	Many Commonly Used Rainfall-runoff Models Lack Long, Slow Dynamics: Implications for Runoff Projections. <i>Water Resources Research</i> , 2020, 56, e2019WR025286.	4.2	54
8	Flexible vector-based spatial configurations in land models. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 5953-5971.	4.9	16
9	DECIPHeR v1: Dynamic fluxEs and Connectivity for Predictions of Hydrology. <i>Geoscientific Model Development</i> , 2019, 12, 2285-2306.	3.6	51
10	Modular Assessment of Rainfall-runoff Models Toolbox (MARRMoT) v1.2: an open-source, extendable framework providing implementations of 46 conceptual hydrologic models as continuous state-space formulations. <i>Geoscientific Model Development</i> , 2019, 12, 2463-2480.	3.6	74
11	A Global Survey on the Perceptions and Impacts of Gender Inequality in the Earth and Space Sciences. <i>Earth and Space Science</i> , 2019, 6, 1460-1468.	2.6	32
12	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. <i>Hydrological Sciences Journal</i> , 2019, 64, 1141-1158.	2.6	474
13	Global bimodal precipitation seasonality: A systematic overview. <i>International Journal of Climatology</i> , 2019, 39, 558-567.	3.5	31
14	Technical note: Inherent benchmark or not? Comparing Nash-Sutcliffe and Kling-Gupta efficiency scores. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4323-4331.	4.9	582
15	A Quantitative Hydrological Climate Classification Evaluated With Independent Streamflow Data. <i>Water Resources Research</i> , 2018, 54, 5088-5109.	4.2	100