

Keirnan Fowler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3345153/publications.pdf>

Version: 2024-02-01

19
papers

1,132
citations

933264

10
h-index

887953

17
g-index

32
all docs

32
docs citations

32
times ranked

1451
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	Simulating runoff under changing climatic conditions: Revisiting an apparent deficiency of conceptual rainfall-runoff models. <i>Water Resources Research</i> , 2016, 52, 1820-1846.	1.7	136
3	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.	1.3	74
4	A Brief Analysis of Conceptual Model Structure Uncertainty Using 36 Models and 559 Catchments. <i>Water Resources Research</i> , 2020, 56, e2019WR025975.	1.7	72
5	Improved Rainfall-Runoff Calibration for Drying Climate: Choice of Objective Function. <i>Water Resources Research</i> , 2018, 54, 3392-3408.	1.7	68
6	Large-sample hydrology: recent progress, guidelines for new datasets and grand challenges. <i>Hydrological Sciences Journal</i> , 2020, 65, 712-725.	1.2	62
7	Simulating Runoff Under Changing Climatic Conditions: A Framework for Model Improvement. <i>Water Resources Research</i> , 2018, 54, 9812-9832.	1.7	58
8	Many Commonly Used Rainfall-Runoff Models Lack Long, Slow Dynamics: Implications for Runoff Projections. <i>Water Resources Research</i> , 2020, 56, e2019WR025286.	1.7	54
9	CAMELS-AUS: hydrometeorological time series and landscape attributes for 222 catchments in Australia. <i>Earth System Science Data</i> , 2021, 13, 3847-3867.	3.7	33
10	Advances in assessing the impact of hillside farm dams on streamflow. <i>Australian Journal of Water Resources</i> , 2015, 19, 96-108.	1.6	26
11	Understanding Hydrological Alteration. , 2017, , 37-64.		12
12	Disaggregated monthly hydrological models can outperform daily models in providing daily flow statistics and extrapolate well to a drying climate. <i>Journal of Hydrology</i> , 2021, 598, 126471.	2.3	10
13	Not Just Another Assessment Method: Reimagining Environmental Flows Assessments in the Face of Uncertainty. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	10
14	Does the topology of the river network influence the delivery of riverine ecosystem services?. <i>River Research and Applications</i> , 2021, 37, 256-269.	0.7	9
15	Robust Climate Change Adaptation for Environmental Flows in the Goulburn River, Australia. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	9
16	Towards more realistic runoff projections by removing limits on simulated soil moisture deficit. <i>Journal of Hydrology</i> , 2021, 600, 126505.	2.3	8
17	Integrated framework for rapid climate stress testing on a monthly timestep. <i>Environmental Modelling and Software</i> , 2022, 150, 105339.	1.9	5
18	Nonstationary Runoff Responses Can Interact With Climate Change to Increase Severe Outcomes for Freshwater Ecology. <i>Water Resources Research</i> , 2022, 58, .	1.7	3

#	ARTICLE	IF	CITATIONS
19	Management Options to Address Diffuse Causes of Hydrologic Alteration. , 2017, , 453-481.		2