

Gemma Coxon

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

857
citations

566801

15
h-index

839053

18
g-index

44
all docs

44
docs citations

44
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Modeling of US Fluvial, Pluvial, and Coastal Flood Hazard Under Current and Future Climates. <i>Water Resources Research</i> , 2021, 57, e2020WR028673.	1.7	137
2	CAMELS-GB: hydrometeorological time series and landscape attributes for 671 catchments in Great Britain. <i>Earth System Science Data</i> , 2020, 12, 2459-2483.	3.7	87
3	Using paired catchments to quantify the human influence on hydrological droughts. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1725-1739.	1.9	81
4	Benchmarking data-driven rainfall-runoff models in Great Britain: a comparison of long short-term memory (LSTM)-based models with four lumped conceptual models. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5517-5534.	1.9	69
5	Benchmarking the predictive capability of hydrological models for river flow and flood peak predictions across over 1000 catchments in Great Britain. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4011-4032.	1.9	63
6	Simulating Runoff Under Changing Climatic Conditions: A Framework for Model Improvement. <i>Water Resources Research</i> , 2018, 54, 9812-9832.	1.7	58
7	A large set of potential past, present and future hydro-meteorological time series for the UK. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 611-634.	1.9	54
8	Drought and climate change impacts on cooling water shortages and electricity prices in Great Britain. <i>Nature Communications</i> , 2020, 11, 2239.	5.8	53
9	DECIPHeR v1: Dynamic fluxEs and Connectivity for Predictions of Hydrology. <i>Geoscientific Model Development</i> , 2019, 12, 2285-2306.	1.3	51
10	The Spatial Dynamics of Droughts and Water Scarcity in England and Wales. <i>Water Resources Research</i> , 2020, 56, e2020WR027187.	1.7	31
11	TOSSH: A Toolbox for Streamflow Signatures in Hydrology. <i>Environmental Modelling and Software</i> , 2021, 138, 104983.	1.9	26
12	On doing hydrology with dragons: Realizing the value of perceptual models and knowledge accumulation. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1550.	2.8	26
13	Effects of variability in probable maximum precipitation patterns on flood losses. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 2759-2773.	1.9	24
14	Streamflow droughts aggravated by human activities despite management. <i>Environmental Research Letters</i> , 2022, 17, 044059.	2.2	24
15	Process-based modelling to evaluate simulated groundwater levels and frequencies in a chalk catchment in south-western England. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 445-461.	1.5	22
16	How is Baseflow Index (BFI) impacted by water resource management practices?. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5355-5379.	1.9	11
17	Incorporating Uncertainty Into Multiscale Parameter Regionalization to Evaluate the Performance of Nationally Consistent Parameter Fields for a Hydrological Model. <i>Water Resources Research</i> , 2021, 57, e2020WR028393.	1.7	9
18	Impacts of observational uncertainty on analysis and modelling of hydrological processes: Preface. <i>Hydrological Processes</i> , 2022, 36, .	1.1	5

#	ARTICLE	IF	CITATIONS
19	Consistency assessment of rating curve data in various locations using Bidirectional Reach (BReach). Hydrology and Earth System Sciences, 2017, 21, 5315-5337.	1.9	1