Gemma Coxon

List of Publications by Year
in descending order

19 papers	857 citations	567281 15 h-index	839539 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. Water Resources Research, 2021, 57, e2020WR028673.	4.2	137
2	CAMELS-GB: hydrometeorological time series and landscape attributes for 671 catchments in Great Britain. Earth System Science Data, 2020, 12, 2459-2483.	9.9	87
3	Using paired catchments to quantify the human influence on hydrological droughts. Hydrology and Earth System Sciences, 2019, 23, 1725-1739.	4.9	81
4	Benchmarking data-driven rainfallâ€"runoff models in Great Britain: a comparison of long short-term memory (LSTM)-based models with four lumped conceptual models. Hydrology and Earth System Sciences, 2021, 25, 5517-5534.	4.9	69
5	Benchmarking the predictive capability of hydrological models for river flow and flood peak predictions across over 1000Âcatchments in Great Britain. Hydrology and Earth System Sciences, 2019, 23, 4011-4032.	4.9	63
6	Simulating Runoff Under Changing Climatic Conditions: A Framework for Model Improvement. Water Resources Research, 2018, 54, 9812-9832.	4.2	58
7	A large set of potential past, present and future hydro-meteorological time series for the UK. Hydrology and Earth System Sciences, 2018, 22, 611-634.	4.9	54
8	Drought and climate change impacts on cooling water shortages and electricity prices in Great Britain. Nature Communications, 2020, 11, 2239.	12.8	53
9	DECIPHeR v1: Dynamic fluxEs and ConnectIvity for Predictions of HydRology. Geoscientific Model Development, 2019, 12, 2285-2306.	3.6	51
10	The Spatial Dynamics of Droughts and Water Scarcity in England and Wales. Water Resources Research, 2020, 56, e2020WR027187.	4.2	31
11	TOSSH: A Toolbox for Streamflow Signatures in Hydrology. Environmental Modelling and Software, 2021, 138, 104983.	4.5	26
12	On doing hydrology with dragons: Realizing the value of perceptual models and knowledge accumulation. Wiley Interdisciplinary Reviews: Water, 2021, 8, e1550.	6.5	26
13	Effects of variability in probable maximum precipitation patterns on flood losses. Hydrology and Earth System Sciences, 2018, 22, 2759-2773.	4.9	24
14	Streamflow droughts aggravated by human activities despite management. Environmental Research Letters, 2022, 17, 044059.	5.2	24
15	Process-based modelling to evaluate simulated groundwater levels and frequencies in aÂChalk catchment in south-western England. Natural Hazards and Earth System Sciences, 2018, 18, 445-461.	3.6	22
16	How is Baseflow IndexÂ(BFI) impacted by water resource management practices?. Hydrology and Earth System Sciences, 2021, 25, 5355-5379.	4.9	11
17	Incorporating Uncertainty Into Multiscale Parameter Regionalization to Evaluate the Performance of Nationally Consistent Parameter Fields for a Hydrological Model. Water Resources Research, 2021, 57, e2020WR028393.	4.2	9
18	Impacts of observational uncertainty on analysis and modelling of hydrological processes: Preface. Hydrological Processes, 2022, 36, .	2.6	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.	4.9	1