Gemma Coxon

List of Publications by Year
in descending order

19	857	566801 15	839053 18
papers	citations	h-index	g-index

44	44	44	879
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impacts of observational uncertainty on analysis and modelling of hydrological processes: Preface. Hydrological Processes, 2022, 36, .	1.1	5
2	Streamflow droughts aggravated by human activities despite management. Environmental Research Letters, 2022, 17, 044059.	2.2	24
3	Combined Modeling of US Fluvial, Pluvial, and Coastal Flood Hazard Under Current and Future Climates. Water Resources Research, 2021, 57, e2020WR028673.	1.7	137
4	TOSSH: A Toolbox for Streamflow Signatures in Hydrology. Environmental Modelling and Software, 2021, 138, 104983.	1.9	26
5	On doing hydrology with dragons: Realizing the value of perceptual models and knowledge accumulation. Wiley Interdisciplinary Reviews: Water, 2021, 8, e1550.	2.8	26
6	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.	1.7	9
7	How is Baseflow IndexÂ(BFI) impacted by water resource management practices?. Hydrology and Earth System Sciences, 2021, 25, 5355-5379.	1.9	11
8	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.	1.9	69
9	The Spatial Dynamics of Droughts and Water Scarcity in England and Wales. Water Resources Research, 2020, 56, e2020WR027187.	1.7	31
10	Drought and climate change impacts on cooling water shortages and electricity prices in Great Britain. Nature Communications, 2020, 11, 2239.	5.8	53
11	CAMELS-GB: hydrometeorological time series and landscape attributes for 671 catchments in Great Britain. Earth System Science Data, 2020, 12, 2459-2483.	3.7	87
12	DECIPHeR v1: Dynamic fluxEs and ConnectIvity for Predictions of HydRology. Geoscientific Model Development, 2019, 12, 2285-2306.	1.3	51
13	Using paired catchments to quantify the human influence on hydrological droughts. Hydrology and Earth System Sciences, 2019, 23, 1725-1739.	1.9	81
14	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.	1.9	63
15	Simulating Runoff Under Changing Climatic Conditions: A Framework for Model Improvement. Water Resources Research, 2018, 54, 9812-9832.	1.7	58
16	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.	1.9	54
17	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.	1.5	22
18	Effects of variability in probable maximum precipitation patterns on flood losses. Hydrology and Earth System Sciences, 2018, 22, 2759-2773.	1.9	24

#	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