Hayley Fowler

List of Publications by Year
in descending order

169 papers	16,580 citations	22099 59 h-index	17055 122 g-index
203 all docs	203 docs citations	203 times ranked	14404 citing authors

#	Article	IF	Citations
1	Elevation-dependent warming in mountain regions of the world. Nature Climate Change, 2015, 5, 424-430.	8.1	1,814
2	Linking climate change modelling to impacts studies: recent advances in downscaling techniques for hydrological modelling. International Journal of Climatology, 2007, 27, 1547-1578.	1.5	1,733
3	Future changes to the intensity and frequency of short-duration extreme rainfall. Reviews of Geophysics, 2014, 52, 522-555.	9.0	911
4	Heavier summer downpours with climate change revealed by weather forecast resolution model. Nature Climate Change, 2014, 4, 570-576.	8.1	561
5	Climate change and mountain water resources: overview and recommendations for research, management and policy. Hydrology and Earth System Sciences, 2011, 15, 471-504.	1.9	476
6	Spatial and temporal variations in precipitation in the Upper Indus Basin, global teleconnections and hydrological implications. Hydrology and Earth System Sciences, 2004, 8, 47-61.	1.9	430
7	Conflicting Signals of Climatic Change in the Upper Indus Basin. Journal of Climate, 2006, 19, 4276-4293.	1.2	422
8	A daily weather generator for use in climate change studies. Environmental Modelling and Software, 2007, 22, 1705-1719.	1.9	376
9	Storylines: an alternative approach to representing uncertainty in physical aspects of climate change. Climatic Change, 2018, 151, 555-571.	1.7	317
10	A regional frequency analysis of United Kingdom extreme rainfall from 1961 to 2000. International Journal of Climatology, 2003, 23, 1313-1334.	1.5	293
11	Anthropogenic intensification of short-duration rainfall extremes. Nature Reviews Earth & Environment, 2021, 2, 107-122.	12.2	279
12	Do Convection-Permitting Regional Climate Models Improve Projections of Future Precipitation Change?. Bulletin of the American Meteorological Society, 2017, 98, 79-93.	1.7	253
13	Large scale surfaceâ€"subsurface hydrological model to assess climate change impacts on groundwater reserves. Journal of Hydrology, 2009, 373, 122-138.	2.3	229
14	Advances in understanding largeâ€scale responses of the water cycle to climate change. Annals of the New York Academy of Sciences, 2020, 1472, 49-75.	1.8	226
15	Challenges in Quantifying Changes in the Global Water Cycle. Bulletin of the American Meteorological Society, 2015, 96, 1097-1115.	1.7	212
16	Multiâ€model ensemble estimates of climate change impacts on UK seasonal precipitation extremes. International Journal of Climatology, 2009, 29, 385-416.	1.5	195
17	RainSim: A spatialâ€"temporal stochastic rainfall modelling system. Environmental Modelling and Software, 2008, 23, 1356-1369.	1.9	192
18	Detection of continental-scale intensification of hourly rainfall extremes. Nature Climate Change, 2018, 8, 803-807.	8.1	186

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19	Super-Clausiusâ€“Clapeyron Scaling of Extreme Hourly Convective Precipitation and Its Relation to Large-Scale Atmospheric Conditions. Journal of Climate, 2017, 30, 6037-6052.	1.2	179
20	Using regional climate model data to simulate historical and future river flows in northwest England. Climatic Change, 2007, 80, 337-367.	1.7	178
21	Estimating change in extreme European precipitation using a multimodel ensemble. Journal of Geophysical Research, 2007, 112, .	3.3	173
22	Modeling the impacts of climatic change and variability on the reliability, resilience, and vulnerability of a water resource system. Water Resources Research, 2003, 39, .	1.7	161
23	Is the intensification of precipitation extremes with global warming better detected at hourly than daily resolutions?. Geophysical Research Letters, 2017, 44, 974-983.	1.5	161
24	New estimates of future changes in extreme rainfall across the UK using regional climate model integrations. 1. Assessment of control climate. Journal of Hydrology, 2005, 300, 212-233.	2.3	160
25	Characterizing Uncertainty of the Hydrologic Impacts of Climate Change. Current Climate Change Reports, 2016, 2, 55-64.	2.8	159
26	Karakoram temperature and glacial melt driven by regional atmospheric circulation variability. Nature Climate Change, 2017, 7, 664-670.	8.1	158
27	Sustainability of water resources management in the Indus Basin under changing climatic and socio economic conditions. Hydrology and Earth System Sciences, 2010, 14, 1669-1680.	1.9	152
28	New estimates of future changes in extreme rainfall across the UK using regional climate model integrations. 2. Future estimates and use in impact studies. Journal of Hydrology, 2005, 300, 234-251.	2.3	147
29	Changes in European drought characteristics projected by the PRUDENCE regional climate models. International Journal of Climatology, 2007, 27, 1595-1610.	1.5	137
30	The Value of High-Resolution Met Office Regional Climate Models in the Simulation of Multihourly Precipitation Extremes. Journal of Climate, 2014, 27, 6155-6174.	1.2	130
31	Using satellite altimetry data to augment flow estimation techniques on the Mekong River. Hydrological Processes, 2010, 24, 3811-3825.	1.1	129
32	Does increasing the spatial resolution of a regional climate model improve the simulated daily precipitation?. Climate Dynamics, 2013, 41, 1475-1495.	1.7	129
33	A weather-type conditioned multi-site stochastic rainfall model for the generation of scenarios of climatic variability and change. Journal of Hydrology, 2005, 308, 50-66.	2.3	117
34	Downturn in scaling of UK extreme rainfall with temperature for future hottest days. Nature Geoscience, 2016, 9, 24-28.	5.4	112
35	Using meteorological data to forecast seasonal runoff on the River Jhelum, Pakistan. Journal of Hydrology, 2008, 361, 10-23.	2.3	107
36	Realâ€Time Flood Forecasting Based on a Highâ€Performance 2â€D Hydrodynamic Model and Numerical Weather Predictions. Water Resources Research, 2020, 56, e2019WR025583.	1.7	103

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37	Downscaling transient climate change using a Neymanâ€"Scott Rectangular Pulses stochastic rainfall model. Journal of Hydrology, 2010, 381, 18-32.	2.3	100
38	Global Observational Evidence of Strong Linkage Between Dew Point Temperature and Precipitation Extremes. Geophysical Research Letters, 2018, 45, 12,320.	1.5	100
39	Implications of changes in seasonal and annual extreme rainfall. Geophysical Research Letters, 2003, 30, .	1.5	96
40	Changes in drought frequency, severity and duration for the British Isles projected by the PRUDENCE regional climate models. Journal of Hydrology, 2007, 342, 50-71.	2.3	94
41	Detecting changes in seasonal precipitation extremes using regional climate model projections: Implications for managing fluvial flood risk. Water Resources Research, 2010, 46, .	1.7	92
42	Characterising flash flood response to intense rainfall and impacts using historical information and gauged data in Britain. Journal of Flood Risk Management, 2018, 11, S121.	1.6	91
43	Modelling the impacts of projected future climate change on water resources in north-west England. Hydrology and Earth System Sciences, 2007, 11, 1115-1126.	1.9	88
44	Regional climate model data used within the SWURVE project â€" 1: projected changes in seasonal patterns and estimation of PET. Hydrology and Earth System Sciences, 2007, 11, 1069-1083.	1.9	88
45	Temperature influences on intense UK hourly precipitation and dependency on large-scale circulation. Environmental Research Letters, 2015, 10, 054021.	2.2	86
46	Temperatureâ€extreme precipitation scaling: a twoâ€way causality?. International Journal of Climatology, 2018, 38, e1274.	1.5	82
47	A weather-type approach to analysing water resource drought in the Yorkshire region from 1881 to 1998. Journal of Hydrology, 2002, 262, 177-192.	2.3	81
48	Increases in summertime concurrent drought and heatwave in Eastern China. Weather and Climate Extremes, 2020, 28, 100242.	1.6	79
49	Precipitation and the North Atlantic Oscillation: a study of climatic variability in northern England. International Journal of Climatology, 2002, 22, 843-866.	1.5	77
50	Qualityâ€control of an hourly rainfall dataset and climatology of extremes for the <scp>UK</scp>. International Journal of Climatology, 2017, 37, 722-740.	1.5	77
51	Using probabilistic climate change information from a multimodel ensemble for water resources assessment. Water Resources Research, 2009, 45, .	1.7	76
52	Trends in timing and magnitude of flow in the Upper Indus Basin. Hydrology and Earth System Sciences, 2013, 17, 1503-1516.	1.9	74
53	Modeling climate change impacts on groundwater resources using transient stochastic climatic scenarios. Water Resources Research, 2011, 47, .	1.7	73
54	An assessment of changes in seasonal and annual extreme rainfall in the UK between 1961 and 2009. International Journal of Climatology, 2013, 33, 1178-1194.	1.5	73

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55	On the use of indices to study extreme precipitation on sub-daily and daily timescales. Environmental Research Letters, 2019, 14, 125008.	2.2	73
56	GSDR: A Global Sub-Daily Rainfall Dataset. Journal of Climate, 2019, 32, 4715-4729.	1.2	73
57	Modeling the impacts of future climate change on water resources for the GÃ¡llego river basin (Spain). Water Resources Research, 2012, 48, .	1.7	71
58	Fragility Curves for Assessing the Resilience of Electricity Networks Constructed from an Extensive Fault Database. Natural Hazards Review, 2018, 19, .	0.8	68
59	Detecting change in UK extreme precipitation using results from the climateprediction.net BBC climate change experiment. Extremes, 2010, 13, 241-267.	0.5	66
60	Using the UKCP09 probabilistic scenarios to model the amplified impact of climate change on drainage basin sediment yield. Hydrology and Earth System Sciences, 2012, 16, 4401-4416.	1.9	64
61	Hydrological impacts of climate change on the Tejo and Guadiana Rivers. Hydrology and Earth System Sciences, 2007, 11, 1175-1189.	1.9	62
62	Strong Intensification of Hourly Rainfall Extremes by Urbanization. Geophysical Research Letters, 2020, 47, e2020GL088758.	1.5	62
63	Beyond the downscaling comparison study. International Journal of Climatology, 2007, 27, 1543-1545.	1.5	60
64	Application of a stochastic weather generator to assess climate change impacts in a semi-arid climate: The Upper Indus Basin. Journal of Hydrology, 2014, 517, 1019-1034.	2.3	60
65	Climate change impacts on Yangtze River discharge at the Three Gorges Dam. Hydrology and Earth System Sciences, 2017, 21, 1911-1927.	1.9	59
66	The INTENSE project: using observations and models to understand the past, present and future of sub-daily rainfall extremes. Advances in Science and Research, 0, 15, 117-126.	1.0	59
67	Climate change impacts on the leaching of a heavy metal contamination in a small lowland catchment. Journal of Contaminant Hydrology, 2012, 127, 47-64.	1.6	58
68	A rule based quality control method for hourly rainfall data and a 1â€‰km resolution gridded hourly rainfall dataset for Great Britain: CEH-GEAR1hr. Journal of Hydrology, 2018, 564, 930-943.	2.3	58
69	A stochastic rainfall model for the assessment of regional water resource systems under changed climatic condition. Hydrology and Earth System Sciences, 2000, 4, 263-281.	1.9	57
70	Integrated Approach to Assess the Resilience of Future Electricity Infrastructure Networks to Climate Hazards. IEEE Systems Journal, 2018, 12, 3169-3180.	2.9	57
71	Towards advancing scientific knowledge of climate change impacts on short-duration rainfall extremes. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20190542.	1.6	56
72	Projected increases in summer and winter UK sub-daily precipitation extremes from high-resolution regional climate models. Environmental Research Letters, 2014, 9, 084019.	2.2	55

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73	When Will We Detect Changes in Short-Duration Precipitation Extremes?. Journal of Climate, 2018, 31, 2945-2964.	1.2	55
74	Identification of key climatic factors regulating the transport of pesticides in leaching and to tile drains. Pest Management Science, 2008, 64, 933-944.	1.7	54
75	Objective classification of extreme rainfall regions for the <scp>UK</scp> and updated estimates of trends in regional extreme rainfall. International Journal of Climatology, 2014, 34, 751-765.	1.5	52
76	Climate extremes: progress and future directions. International Journal of Climatology, 2009, 29, 317-319.	1.5	50
77	A synthesis of hourly and daily precipitation extremes in different climatic regions. Weather and Climate Extremes, 2019, 26, 100219.	1.6	50
78	A stochastic model for the spatialâ€temporal simulation of nonhomogeneous rainfall occurrence and amounts. Water Resources Research, 2010, 46, .	1.7	49
79	Quasiâ€Stationary Intense Rainstorms Spread Across Europe Under Climate Change. Geophysical Research Letters, 2021, 48, e2020GL092361.	1.5	49
80	Europe-wide precipitation projections at convection permitting scale with the Unified Model. Climate Dynamics, 2020, 55, 409-428.	1.7	48
81	Understanding rainfall extremes. Nature Climate Change, 2017, 7, 391-393.	8.1	47
82	Consistent Largeâ€Scale Response of Hourly Extreme Precipitation to Temperature Variation Over Land. Geophysical Research Letters, 2021, 48, e2020GL090317.	1.5	46
83	The impact of climate change on extreme precipitation in Sicily, Italy. Hydrological Processes, 2018, 32, 332-348.	1.1	45
84	Intensification of short-duration rainfall extremes and implications for flood risk: current state of the art and future directions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20190541.	1.6	44
85	Incorporating climate change in flood estimation guidance. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20190548.	1.6	44
86	Development of agro-environmental scenarios to support pesticide risk assessment in Europe. Science of the Total Environment, 2008, 407, 574-588.	3.9	38
87	Sensitivity of extreme rainfall to temperature in semi-arid Mediterranean regions. Atmospheric Research, 2019, 225, 30-44.	1.8	37
88	Use of radar data for characterizing extreme precipitation at fine scales and short durations. Environmental Research Letters, 2020, 15, 085003.	2.2	37
89	Developing climatic scenarios for pesticide fate modelling in Europe. Environmental Pollution, 2008, 154, 219-231.	3.7	36
90	Assessment of Runoff Sensitivity in the Upper Indus Basin to Interannual Climate Variability and Potential Change Using MODIS Satellite Data Products. Mountain Research and Development, 2012, 32, 16.	0.4	36

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91	Projected changes in extreme precipitation over Scotland and Northern England using a high-resolution regional climate model. Climate Dynamics, 2018, 51, 3559-3577.	1.7	36
92	Future climate scenarios and rainfallâ€"runoff modelling in the Upper Gallego catchment (Spain). Environmental Pollution, 2007, 148, 842-854.	3.7	35
93	Regional frequency analysis of extreme rainfall in Sicily (Italy). International Journal of Climatology, 2018, 38, e698.	1.5	35
94	Mobility, turnover and storage of pollutants in soils, sediments and waters: achievements and results of the EU project AquaTerra. A review. Agronomy for Sustainable Development, 2009, 29, 161-173.	2.2	34
95	Developing observational methods to drive future hydrological science: Can we make a start as a community?. Hydrological Processes, 2020, 34, 868-873.	1.1	34
96	The Karakoram/Western Tibetan vortex: seasonal and year-to-year variability. Climate Dynamics, 2018, 51, 3883-3906.	1.7	32
97	A new precipitation and drought climatology based on weather patterns. International Journal of Climatology, 2018, 38, 630-648.	1.5	31
98	Carbon emission savings and shortâ€term health care impacts from telemedicine: An evaluation in epilepsy. Epilepsia, 2021, 62, 2732-2740.	2.6	31
99	The characteristics of summer sub-hourly rainfall over the southern UK in a high-resolution convective permitting model. Environmental Research Letters, 2016, 11, 094024.	2.2	30
100	Effect of temporal aggregation on the estimate of annual maximum rainfall depths for the design of hydraulic infrastructure systems. Journal of Hydrology, 2017, 554, 710-720.	2.3	30
101	Systematic increases in the thermodynamic response of hourly precipitation extremes in an idealized warming experiment with a convection-permitting climate model. Environmental Research Letters, 2019, 14, 074012.	2.2	30
102	Climate change and epilepsy: Insights from clinical and basic science studies. Epilepsy and Behavior, 2021, 116, 107791.	0.9	30
103	Scaling and responses of extreme hourly precipitation in three climate experiments with a convection-permitting model. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20190544.	1.6	30
104	Assessing the threat of future megadrought in Iberia. International Journal of Climatology, 2017, 37, 5024-5034.	1.5	29
105	The history of rainfall data time-resolution in a wide variety of geographical areas. Journal of Hydrology, 2020, 590, 125258.	2.3	29
106	Global Scaling of Rainfall With Dewpoint Temperature Reveals Considerable Oceanâ€Land Difference. Geophysical Research Letters, 2021, 48, e2021GL093798.	1.5	29
107	Opportunities from Remote Sensing for Supporting Water Resources Management in Village/Valley Scale Catchments in the Upper Indus Basin. Water Resources Management, 2012, 26, 845-871.	1.9	28
108	Examination of climate risk using a modified uncertainty matrix frameworkâ€"Applications in the water sector. Global Environmental Change, 2013, 23, 115-129.	3.6	28

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109	Evaluation of Upper Indus Near-Surface Climate Representation by WRF in the High Asia Refined Analysis. Journal of Hydrometeorology, 2019, 20, 467-487.	0.7	28
110	Influence of temporal data aggregation on trend estimation for intense rainfall. Advances in Water Resources, 2018, 122, 304-316.	1.7	27
111	Reply to comments on â€œTemperatureâ€extreme precipitation scaling: a twoâ€way causality?â€• International Journal of Climatology, 2018, 38, 4664-4666.	1.5	27
112	Global distribution of the intensity and frequency of hourly precipitation and their responses to ENSO. Climate Dynamics, 2020, 54, 4823-4839.	1.7	27
113	Large-Scale Predictors for Extreme Hourly Precipitation Events in Convection-Permitting Climate Simulations. Journal of Climate, 2018, 31, 2115-2131.	1.2	26
114	Contribution of large-scale midlatitude disturbances to hourly precipitation extremes in the United States. Climate Dynamics, 2019, 52, 197-208.	1.7	26
115	Toward a definition of Essential Mountain Climate Variables. One Earth, 2021, 4, 805-827.	3.6	26
116	Dry getting drier â€" The future of transnational river basins in Iberia. Journal of Hydrology: Regional Studies, 2017, 12, 238-252.	1.0	25
117	Development of a system for automated setup of a physically-based, spatially-distributed hydrological model for catchments in Great Britain. Environmental Modelling and Software, 2018, 108, 102-110.	1.9	24
118	A regional frequency analysis of UK subâ€daily extreme precipitation and assessment of their seasonality. International Journal of Climatology, 2018, 38, 4758-4776.	1.5	22
119	A Detailed Cloud Fraction Climatology of the Upper Indus Basin and Its Implications for Near-Surface Air Temperature*. Journal of Climate, 2015, 28, 3537-3556.	1.2	21
120	Contrasting seasonality of storm rainfall and flood runoff in the UK and some implications for rainfall-runoff methods of flood estimation. Hydrology Research, 2019, 50, 1309-1323.	1.1	21
121	Climate change and summer thermal comfort in China. Theoretical and Applied Climatology, 2019, 137, 1077-1088.	1.3	21
122	Quality control of a global hourly rainfall dataset. Environmental Modelling and Software, 2021, 144, 105169.	1.9	21
123	New climate change rainfall estimates for sustainable drainage. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2017, 170, 214-224.	0.4	20
124	UKGrsHP: a UK high-resolution gaugeâ€"radarâ€"satellite merged hourly precipitation analysisÂdataset. Climate Dynamics, 2020, 54, 2919-2940.	1.7	19
125	Improving sub-seasonal forecast skill of meteorological drought: a weather pattern approach. Natural Hazards and Earth System Sciences, 2020, 20, 107-124.	1.5	18
126	Exploring objective climate classification for the Himalayan arc and adjacent regions using gridded data sources. Earth System Dynamics, 2015, 6, 311-326.	2.7	17

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127	Adaptation of water resource systems to an uncertain future. Hydrology and Earth System Sciences, 2016, 20, 1869-1884.	1.9	17
128	The integrated project AquaTerra of the EU sixth framework lays foundations for better understanding of riverâ€"sedimentâ€"soilâ€"groundwater systems. Journal of Environmental Management, 2007, 84, 237-243.	3.8	16
129	New hourly extreme precipitation regions and regional annual probability estimates for the <scp>UK</scp>. International Journal of Climatology, 2021, 41, 582-600.	1.5	16
130	Simulating multimodal seasonality in extreme daily precipitation occurrence. Journal of Hydrology, 2016, 537, 117-129.	2.3	15
131	Weather Types and Hourly to Multiday Rainfall Characteristics in Tropical Australia. Journal of Climate, 2019, 32, 3983-4011.	1.2	15
132	Historical flash floods in England: New regional chronologies and database. Journal of Flood Risk Management, 2019, 12, .	1.6	15
133	A multi-model ensemble of downscaled spatial climate change scenarios for the Dommel catchment, Western Europe. Climatic Change, 2012, 111, 249-277.	1.7	14
134	Assessing long term flash flooding frequency using historical information. Hydrology Research, 2017, 48, 1-16.	1.1	14
135	Downscaling climate change of water availability, sediment yield and extreme events: Application to a Mediterranean climate basin. International Journal of Climatology, 2019, 39, 2947-2963.	1.5	14
136	Extreme windstorms and sting jets in convection-permitting climate simulations over Europe. Climate Dynamics, 2022, 58, 2387-2404.	1.7	14
137	Knowledge Priorities on Climate Change and Water in the Upper Indus Basin: A Horizon Scanning Exercise to Identify the Top 100 Research Questions in Social and Natural Sciences. Earth's Future, 2022, 10, .	2.4	14
138	Downscaling transient climate change with a stochastic weather generator for the Geer catchment, Belgium. Climate Research, 2013, 57, 95-109.	0.4	13
139	Synopticâ€Scale Precursors of Extreme U.K. Summer 3â€Hourly Rainfall. Journal of Geophysical Research D: Atmospheres, 2019, 124, 4477-4489.	1.2	13
140	Using high-resolution climate change information in water management: a decision-makers' perspective. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200219.	1.6	13
141	Rainfall in Iberian transnational basins: a drier future for the Douro, Tagus and Guadiana?. Climatic Change, 2016, 135, 467-480.	1.7	12
142	PPDIST, global 0.1Â° daily and 3-hourly precipitation probability distribution climatologies for 1979â€"2018. Scientific Data, 2020, 7, 302.	2.4	12
143	Towards Quantifying the Uncertainty in Estimating Observed Scaling Rates. Geophysical Research Letters, 2022, 49, .	1.5	12
144	Atmospheric precursors for intense summer rainfall over the United Kingdom. International Journal of Climatology, 2020, 40, 3849-3867.	1.5	11

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145	Understanding how changing rainfall may impact on urban drainage systems; lessons from projects in the UK and USA. Water Practice and Technology, 2018, 13, 654-661.	1.0	10
146	Thermodynamic controls of the Western Tibetan Vortex on Tibetan air temperature. Climate Dynamics, 2019, 53, 4267-4290.	1.7	10
147	Large-scale dynamics have greater role than thermodynamics in driving precipitation extremes over India. Climate Dynamics, 2020, 55, 2603-2614.	1.7	10
148	A historical flash flood chronology for Britain. Journal of Flood Risk Management, 2021, 14, e12721.	1.6	10
149	Climate Change, Water Resources and Pollution in the Ebro Basin: Towards an Integrated Approach. Handbook of Environmental Chemistry, 2010, , 295-329.	0.2	9
150	Weekly to multiâ€month persistence in sets of daily weather patterns over Europe and the North Atlantic Ocean. International Journal of Climatology, 2019, 39, 2041-2056.	1.5	9
151	Multi-physics ensemble snow modelling in the western Himalaya. Cryosphere, 2020, 14, 1225-1244.	1.5	9
152	Storm types in India: linking rainfall duration, spatial extent and intensity. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200137.	1.6	7
153	Water fluxes and their control on the terrestrial carbon balance: Results from a stable isotope study on the Clyde Watershed (Scotland). Applied Geochemistry, 2007, 22, 2684-2694.	1.4	6
154	A Hydrological Perspective on Interpretation of Available Climate Projections for the Upper Indus Basin. , 2019, , 159-179.		6
155	Stochastic rainfall modelling for the assessment of urban flood hazard in a changing climate. , 0, , .		6
156	Downscaling climate change of mean climatology and extremes of precipitation and temperature: Application to a Mediterranean climate basin. International Journal of Climatology, 2019, 39, 4985-5005.	1.5	4
157	Climate change and epilepsy: Time to take action. Epilepsia Open, 2019, 4, 524-536.	1.3	4
158	Consequence forecasting: A rational framework for predicting the consequences of approaching storms. Climate Risk Management, 2022, 35, 100412.	1.6	4
159	An Hourly and Multi-Hourly Extreme Precipitation Climatology for the UK and Long-Term Changes in Extremes. , 2014, , .		3
160	Assessment of climate pressures on glacier-melt and snowmelt-derived runoff in the Hindu Kush-Karakoram sector of the Upper Indus Basin. , 0, , .		3
161	Analysis of extreme rainfall events under the climatic change. , 2022, , 307-326.		3
162	Climate models' value. New Scientist, 2008, 201, 16.	0.0	2

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163	Hydrological Impacts of Climate Change on the Ebro River Basin. Handbook of Environmental Chemistry, 2010, , 47-75.	0.2	2
164	Role of hydrology in managing consequences of a changing global environment. Hydrology Research, 2012, 43, 548-550.	1.1	2
165	Mobility, Turnover and Storage of Pollutants in Soils, Sediments and Waters: Achievements and Results of the EU Project AquaTerra - A Review. , 2009, , 857-871.		2
166	Detecting Changes in Winter Precipitation Extremes and Fluvial Flood Risk. , 2014, , 578-604.		0
167	Climate change and climate variability. , 2021, , 53-68.		0
168	Downscaling future wind hazard for SE London using the UKCP09 regional climate model ensemble. Climate Research, 2012, 53, 141-156.	0.4	0
169	Leading modes of wind field variability over the western Tibet Plateau. Climate Dynamics, 0, , .	1.7	0