

Nick Reynard

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,836
citations

236833

25
h-index

501076

28
g-index

31
all docs

31
docs citations

31
times ranked

3343
citing authors

#	ARTICLE	IF	CITATIONS
1	Scenario-neutral approach to climate change impact studies: Application to flood risk. <i>Journal of Hydrology</i> , 2010, 390, 198-209.	2.3	349
2	Downscaling of global climate models for flood frequency analysis: where are we now?. <i>Hydrological Processes</i> , 2002, 16, 1137-1150.	1.1	346
3	The effects of climate change due to global warming on river flows in Great Britain. <i>Journal of Hydrology</i> , 1996, 183, 397-424.	2.3	262
4	Climate change and fluvial flood risk in the UK: more of the same?. <i>Hydrological Processes</i> , 2008, 22, 2511-2523.	1.1	205
5	A restatement of the natural science evidence concerning catchment-based "natural" flood management in the UK. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2017, 473, 20160706.	1.0	184
6	RCM rainfall for UK flood frequency estimation. II. Climate change results. <i>Journal of Hydrology</i> , 2006, 318, 163-172.	2.3	172
7	Potential influences on the United Kingdom's floods of winter 2013/14. <i>Nature Climate Change</i> , 2014, 4, 769-777.	8.1	149
8	The British river of the future: How climate change and human activity might affect two contrasting river ecosystems in England. <i>Science of the Total Environment</i> , 2009, 407, 4787-4798.	3.9	134
9	The Flood Characteristics of Large U.K. Rivers: Potential Effects of Changing Climate and Land Use. <i>Climatic Change</i> , 2001, 48, 343-359.	1.7	130
10	Use of soil data in a grid-based hydrological model to estimate spatial variation in changing flood risk across the UK. <i>Journal of Hydrology</i> , 2009, 377, 335-350.	2.3	105
11	RCM rainfall for UK flood frequency estimation. I. Method and validation. <i>Journal of Hydrology</i> , 2006, 318, 151-162.	2.3	82
12	A comparison of three approaches to spatial generalization of rainfall-runoff models. <i>Hydrological Processes</i> , 2006, 20, 3953-3973.	1.1	60
13	How might climate change affect river flows across the Thames Basin? An area-wide analysis using the UKCP09 Regional Climate Model ensemble. <i>Journal of Hydrology</i> , 2012, 442-443, 89-104.	2.3	60
14	Climate change and river flooding: part 1 classifying the sensitivity of British catchments. <i>Climatic Change</i> , 2013, 119, 933-948.	1.7	56
15	A hydrological perspective on evaporation: historical trends and future projections in Britain. <i>Journal of Water and Climate Change</i> , 2013, 4, 193-208.	1.2	55
16	A simple framework for evaluating regional wetland ecohydrological response to climate change with case studies from Great Britain. <i>Ecohydrology</i> , 2009, 2, 1-17.	1.1	54
17	Current Directions in the Practice of Environmental Risk Assessment in the United Kingdom. <i>Environmental Science & Technology</i> , 2002, 36, 530-538.	4.6	53
18	Assessing the potential impacts of various climate change scenarios on the hydrological regime of the River Kennet at Theale, Berkshire, south-central England, UK: an application and evaluation of the new semi-distributed model, INCA. <i>Science of the Total Environment</i> , 2000, 251-252, 539-555.	3.9	50

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19	Climate change and river flooding: Part 2 sensitivity characterisation for british catchments and example vulnerability assessments. Climatic Change, 2013, 119, 949-964.	1.7	49
20	Current understanding of hydrological processes on common urban surfaces. Progress in Physical Geography, 2016, 40, 699-713.	1.4	48
21	The UKC2 regional coupled environmental prediction system. Geoscientific Model Development, 2018, 11, 1-42.	1.3	45
22	Probabilistic impacts of climate change on flood frequency using response surfaces I: England and Wales. Regional Environmental Change, 2014, 14, 1215-1227.	1.4	37
23	The evolution of climate change guidance for fluvial flood risk management in England. Progress in Physical Geography, 2017, 41, 222-237.	1.4	37
24	The UK Climate Change Risk Assessment 2012: Assessing the Impacts on Water Resources to Inform Policy Makers. Water Resources Management, 2013, 27, 1085-1109.	1.9	33
25	Using response surfaces to estimate impacts of climate change on flood peaks: assessment of uncertainty. Hydrological Processes, 2014, 28, 5273-5287.	1.1	28
26	Hydrological analysis for water level projections in <sc>T</sc>aihu <sc>L</sc>ake, <sc>C</sc>hina. Journal of Flood Risk Management, 2013, 6, 14-22.	1.6	26
27	Probabilistic impacts of climate change on flood frequency using response surfaces II: Scotland. Regional Environmental Change, 2014, 14, 1243-1255.	1.4	23
28	Reply to 'Drivers of the 2013/14 winter floods in the UK'. Nature Climate Change, 2015, 5, 491-492.	8.1	2
29	Flood risk in the UK: current and future. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	0