

David Hannah

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

269
papers

11,135
citations

57
h-index

97
g-index

305
ext. papers

12,926
ext. citations

4.8
avg, IF

6.45
L-index

#	Paper	IF	Citations
269	Looking to the Skies: Realising the Combined Potential of Drones and Thermal Infrared Imagery to Advance Hydrological Process Understanding in Headwaters. <i>Water Resources Research</i> , 2022 , 58,	5.4	1
268	Scenarios of water extremes: Framing ways forward for wicked problems. <i>Hydrological Processes</i> , 2022 , 36,	3.3	0
267	A systematic approach to understand hydrogeochemical dynamics in large river systems: Development and application to the River Ganges (Ganga) in India.. <i>Water Research</i> , 2022 , 211, 118054	12.5	0
266	Illuminating the Invisible water crisis to address global water pollution challenges. <i>Hydrological Processes</i> , 2022 , 36,	3.3	0
265	Evaluating integrated water management strategies to inform hydrological drought mitigation. <i>Natural Hazards and Earth System Sciences</i> , 2021 , 21, 3113-3139	3.9	2
264	Macrophyte Controls on Urban Stream Microbial Metabolic Activity. <i>Environmental Science & Technology</i> , 2021 , 55, 4585-4596	10.3	1
263	Going Beyond the Ensemble Mean: Assessment of Future Floods From Global Multi-Models. <i>Water Resources Research</i> , 2021 , 57, e2020WR027897	5.4	2
262	BIFoR FACE: Water-Soil-Vegetation-Atmosphere data from a temperate deciduous forest catchment, including under elevated CO ₂ . <i>Hydrological Processes</i> , 2021 , 35, e14096	3.3	2
261	From water2me to water4all: Democratizing the discussion of global water futures through crowdsourcing of individual water values. <i>Hydrological Processes</i> , 2021 , 35, e14134	3.3	
260	Calibration of an in-situ fluorescence-based sensor platform for reliable BOD measurement in wastewater. <i>Water Science and Technology</i> , 2021 , 83, 3075-3091	2.2	0
259	High-Frequency Monitoring Reveals Multiple Frequencies of Nitrogen and Carbon Mass Balance Dynamics in a Headwater Stream. <i>Frontiers in Water</i> , 2021 , 3,	2.6	2
258	Increasing nutrient inputs risk a surge of nitrous oxide emissions from global mangrove ecosystems. <i>One Earth</i> , 2021 , 4, 742-748	8.1	1
257	Knowledge gaps in our perceptual model of Great Britain's hydrology. <i>Hydrological Processes</i> , 2021 , 35, e14288	3.3	5
256	Green roof vegetation management alters potential for water quality and temperature mitigation. <i>Ecohydrology</i> , 2021 , 14, e2321	2.5	1
255	Long-term river invertebrate community responses to groundwater and surface water management operations. <i>Water Research</i> , 2021 , 189, 116651	12.5	3
254	Citizens AND HYdrology (CANDHY): conceptualizing a transdisciplinary framework for citizen science addressing hydrological challenges. <i>Hydrological Sciences Journal</i> , 2021 , 1-18	3.5	17
253	Combining in-situ fluorometry and distributed rainfall data provides new insights into natural organic matter transport dynamics in an urban river. <i>Science of the Total Environment</i> , 2021 , 755, 142731	10.2	2

252	A deterministic river temperature model to prioritize management of riparian woodlands to reduce summer maximum river temperatures. <i>Hydrological Processes</i> , 2021 , 35, e14314	3.3	2
251	Estimation of river flow using CubeSats remote sensing. <i>Science of the Total Environment</i> , 2021 , 788, 147762	10.2	6
250	Towards a collaborative governance regime for disaster risk reduction: Exploring scalar narratives of institutional change in Nepal.. <i>Applied Geography</i> , 2021 , 134, 102516	4.4	2
249	Managed aquifer recharge as a drought mitigation strategy in heavily-stressed aquifers. <i>Environmental Research Letters</i> , 2021 , 16, 014046	6.2	12
248	River temperature research and practice: Recent challenges and emerging opportunities for managing thermal habitat conditions in stream ecosystems. <i>Science of the Total Environment</i> , 2020 , 736, 139679	10.2	23
247	Effects of Successive Peak Flow Events on Hyporheic Exchange and Residence Times. <i>Water Resources Research</i> , 2020 , 56, e2020WR027113	5.4	9
246	Moving beyond the Technology: A Socio-technical Roadmap for Low-Cost Water Sensor Network Applications. <i>Environmental Science & Technology</i> , 2020 , 54, 9145-9158	10.3	8
245	Moving beyond the catchment scale: Value and opportunities in large-scale hydrology to understand our changing world. <i>Hydrological Processes</i> , 2020 , 34, 2292-2298	3.3	10
244	An evaluation of different forest cover geospatial data for riparian shading and river temperature modelling. <i>River Research and Applications</i> , 2020 , 36, 709-723	2.3	6
243	Advancing ecohydrology in the 21st century: A convergence of opportunities. <i>Ecohydrology</i> , 2020 , 13, e2208	2.5	14
242	Predictions of national-scale river temperatures: A visualisation of complex space-time dynamics. <i>Hydrological Processes</i> , 2020 , 34, 2823-2825	3.3	6
241	A distributed heat pulse sensor network for thermo-hydraulic monitoring of the soil subsurface. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2020 , 53, 352-365	1.4	6
240	A framework for understanding water-related multi-hazards in a sustainable development context. <i>Progress in Physical Geography</i> , 2020 , 44, 267-284	3.5	1
239	Building socio-hydrological resilience ¶Improving capacity for building a socio hydrological system resilience¶¶ <i>Safety in Extreme Environments</i> , 2020 , 2, 205-218	0.8	2
238	Asymmetric impact of groundwater use on groundwater droughts. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 4853-4868	5.5	17
237	Developing observational methods to drive future hydrological science: Can we make a start as a community?. <i>Hydrological Processes</i> , 2020 , 34, 868-873	3.3	24
236	Influence of landscape and hydrological factors on stream-air temperature relationships at regional scale. <i>Hydrological Processes</i> , 2020 , 34, 583-597	3.3	13
235	The method controls the story - Sampling method impacts on the detection of pore-water nitrogen concentrations in streambeds. <i>Science of the Total Environment</i> , 2020 , 709, 136075	10.2	1

234	High frequency fluorescence monitoring reveals new insights into organic matter dynamics of an urban river, Birmingham, UK. <i>Science of the Total Environment</i> , 2020 , 710, 135668	10.2	8
233	Peak grain forecasts for the US High Plains amid withering waters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26145-26150	11.5	5
232	From present to future development pathways in fragile mountain landscapes. <i>Environmental Science and Policy</i> , 2020 , 114, 606-613	6.2	5
231	Proglacial groundwater storage dynamics under climate change and glacier retreat. <i>Hydrological Processes</i> , 2020 , 34, 5456-5473	3.3	4
230	Instream wood increases riverbed temperature variability in a lowland sandy stream. <i>River Research and Applications</i> , 2020 , 36, 1529-1542	2.3	3
229	Low-Cost Environmental Sensor Networks: Recent Advances and Future Directions. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	27
228	Habitat-specific invertebrate responses to hydrological variability, anthropogenic flow alterations, and hydraulic conditions. <i>Freshwater Biology</i> , 2019 , 64, 555-576	3.1	11
227	Evaluating a Coupled Phenology-Surface Energy Balance Model to Understand Stream-Subsurface Temperature Dynamics in a Mixed-Use Farmland Catchment. <i>Water Resources Research</i> , 2019 , 55, 1675-1697	5.4	10
226	Streambed Organic Matter Controls on Carbon Dioxide and Methane Emissions from Streams. <i>Environmental Science & Technology</i> , 2019 , 53, 2364-2374	10.3	23
225	Assessing the potential of drone-based thermal infrared imagery for quantifying river temperature heterogeneity. <i>Hydrological Processes</i> , 2019 , 33, 1152-1163	3.3	36
224	Drone-based Structure-from-Motion provides accurate forest canopy data to assess shading effects in river temperature models. <i>Science of the Total Environment</i> , 2019 , 678, 326-340	10.2	14
223	The Impact of Future Climate Change and Human Activities on Hydro-climatological Drought, Analysis and Projections: Using CMIP5 Climate Model Simulations. <i>Water Conservation Science and Engineering</i> , 2019 , 4, 71-88	1.6	14
222	Future evolution and uncertainty of river flow regime change in a deglaciating river basin. <i>Hydrology and Earth System Sciences</i> , 2019 , 23, 1833-1865	5.5	9
221	Human domination of the global water cycle absent from depictions and perceptions. <i>Nature Geoscience</i> , 2019 , 12, 533-540	18.3	124
220	Twenty-three unsolved problems in hydrology (UPH) in a community perspective. <i>Hydrological Sciences Journal</i> , 2019 , 64, 1141-1158	3.5	259
219	An observation-based method to quantify the human influence on hydrological drought: upstream-downstream comparison. <i>Hydrological Sciences Journal</i> , 2019 , 64, 276-287	3.5	25
218	Exploring Tracer Information and Model Framework Trade-Offs to Improve Estimation of Stream Transient Storage Processes. <i>Water Resources Research</i> , 2019 , 55, 3481-3501	5.4	16
217	Revision of biological indices for aquatic systems: A ridge-regression solution. <i>Ecological Indicators</i> , 2019 , 106, 105478	5.8	7

216	A water cycle for the Anthropocene. <i>Hydrological Processes</i> , 2019 , 33, 3046-3052	3.3	28
215	Arctic river temperature dynamics in a changing climate. <i>River Research and Applications</i> , 2019 , 35, 1212	2.3	2
214	Mediterranean intermittent rivers and ephemeral streams: Challenges in monitoring complexity. <i>Ecohydrology</i> , 2019 , 12, e2149	2.5	11
213	Co-located contemporaneous mapping of morphological, hydrological, chemical, and biological conditions in a 5th-order mountain stream network, Oregon, USA. <i>Earth System Science Data</i> , 2019 , 11, 1567-1581	10.5	8
212	Diatoms as indicators of the effects of river impoundment at multiple spatial scales. <i>PeerJ</i> , 2019 , 7, e80921	3.1	5
211	Spatial and temporal variation in river corridor exchange across a 5th-order mountain stream network. <i>Hydrology and Earth System Sciences</i> , 2019 , 23, 5199-5225	5.5	7
210	Reply to 'Pseudoreplication and greenhouse-gas emissions from rivers'. <i>Nature Communications</i> , 2019 , 10, 5369	17.4	
209	Solute Transport and Transformation in an Intermittent, Headwater Mountain Stream with Diurnal Discharge Fluctuations. <i>Water (Switzerland)</i> , 2019 , 11, 2208	3	7
208	Dynamic Hyporheic Zones: Exploring the Role of Peak Flow Events on Bedform-Induced Hyporheic Exchange. <i>Water Resources Research</i> , 2019 , 55, 218-235	5.4	30
207	Prediction of river temperature surges is dependent on precipitation method. <i>Hydrological Processes</i> , 2019 , 33, 144-159	3.3	7
206	Rivervis: A tool for visualising river ecosystems. <i>Computers and Geosciences</i> , 2019 , 123, 59-64	4.5	2
205	Developing composite indicators for ecological water quality assessment based on network interactions and expert judgment. <i>Environmental Modelling and Software</i> , 2019 , 115, 51-62	5.2	7
204	Macroinvertebrate community responses to river impoundment at multiple spatial scales. <i>Science of the Total Environment</i> , 2019 , 650, 2648-2656	10.2	23
203	Nutrient uptake controls and limitation dynamics in north-east Greenland streams. <i>Polar Research</i> , 2018 , 37, 1440107	2	17
202	Woody debris is related to reach-scale hotspots of lowland stream ecosystem respiration under baseflow conditions. <i>Ecohydrology</i> , 2018 , 11, e1952	2.5	24
201	Spatio-temporal dynamics of macroinvertebrate communities in northeast Greenlandic snowmelt streams. <i>Ecohydrology</i> , 2018 , 11, e1982	2.5	10
200	Improving representation of riparian vegetation shading in a regional stream temperature model using LiDAR data. <i>Science of the Total Environment</i> , 2018 , 624, 480-490	10.2	29
199	Functional diversity and community assembly of river invertebrates show globally consistent responses to decreasing glacier cover. <i>Nature Ecology and Evolution</i> , 2018 , 2, 325-333	12.3	47

198	Macroinvertebrate community responses to hydrological controls and groundwater abstraction effects across intermittent and perennial headwater streams. <i>Science of the Total Environment</i> , 2018 , 610-611, 1514-1526	10.2	30
197	Stream temperature under contrasting riparian forest cover: Understanding thermal dynamics and heat exchange processes. <i>Science of the Total Environment</i> , 2018 , 610-611, 1375-1389	10.2	58
196	A spatio-temporal statistical model of maximum daily river temperatures to inform the management of Scotland's Atlantic salmon rivers under climate change. <i>Science of the Total Environment</i> , 2018 , 612, 1543-1558	10.2	59
195	Low flow controls on stream thermal dynamics. <i>Limnologica</i> , 2018 , 68, 157-167	2	7
194	Analysis of clinical diagnosis for all patients receiving antenatal betamethasone in a community hospital. <i>Journal of Neonatal-Perinatal Medicine</i> , 2018 , 11, 295-303	1.3	
193	Water sensor network applications: Time to move beyond the technical?. <i>Hydrological Processes</i> , 2018 , 32, 2612-2615	3.3	7
192	Thermal sensitivity of CO and CH emissions varies with streambed sediment properties. <i>Nature Communications</i> , 2018 , 9, 2803	17.4	29
191	Controls on stream hydrochemistry dynamics in a high Arctic snow-covered watershed. <i>Hydrological Processes</i> , 2018 , 32, 3327-3340	3.3	4
190	Understanding dissolved organic matter dynamics in urban catchments: insights from in situ fluorescence sensor technology. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018 , 5, e1259	5.7	13
189	Citizen science for hydrological risk reduction and resilience building. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018 , 5, e1262	5.7	71
188	Longitudinal distribution of macroinvertebrates in snowmelt streams in northeast Greenland: understanding biophysical controls. <i>Polar Biology</i> , 2018 , 41, 1567-1580	2	6
187	Mesocosm experiments reveal the direction of groundwater-surface water exchange alters the hyporheic refuge capacity under warming scenarios. <i>Freshwater Biology</i> , 2018 , 63, 165-177	3.1	8
186	Mesocosm experiments identifying hotspots of groundwater upwelling in a water column by fibre optic distributed temperature sensing. <i>Hydrological Processes</i> , 2018 , 32, 185-199	3.3	3
185	Exploring a water data, evidence, and governance theory. <i>Water Security</i> , 2018 , 4-5, 19-25	3.8	7
184	Glacio-hydrological melt and run-off modelling: application of a limits of acceptability framework for model comparison and selection. <i>Cryosphere</i> , 2018 , 12, 2175-2210	5.5	10
183	Uncertainties in projected runoff over the conterminous United States. <i>Climatic Change</i> , 2018 , 150, 149-162	16.2	27
182	Thermal infrared imaging for the detection of relatively warm lacustrine groundwater discharge at the surface of freshwater bodies. <i>Journal of Hydrology</i> , 2018 , 562, 281-289	6	6
181	Multi-time-scale hydroclimate dynamics of a regional watershed and links to large-scale atmospheric circulation: Application to the Seine river catchment, France. <i>Journal of Hydrology</i> , 2017 , 546, 262-275	6	25

180	Continuous field estimation of dissolved organic carbon concentration and biochemical oxygen demand using dual-wavelength fluorescence, turbidity and temperature. <i>Hydrological Processes</i> , 2017 , 31, 540-555	3.3	21
179	Integrated network models for predicting ecological thresholds: Microbial Carbon interactions in coastal marine systems. <i>Environmental Modelling and Software</i> , 2017 , 91, 156-167	5.2	
178	Climate change and water in the UK: Recent scientific evidence for past and future change. <i>Progress in Physical Geography</i> , 2017 , 41, 154-170	3.5	26
177	Ecohydrological interfaces as hot spots of ecosystem processes. <i>Water Resources Research</i> , 2017 , 53, 6359-6376	5.4	100
176	Impacts of water level on metabolism and transient storage in vegetated lowland rivers: Insights from a mesocosm study. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017 , 122, 628-644	3.7	16
175	The role of riparian vegetation density, channel orientation and water velocity in determining river temperature dynamics. <i>Journal of Hydrology</i> , 2017 , 553, 471-485	6	69
174	Controls on Arctic glacier-fed river water temperature. <i>Hydrological Sciences Journal</i> , 2017 , 62, 499-514	3.5	7
173	River temperature modelling: A review of process-based approaches and future directions. <i>Earth-Science Reviews</i> , 2017 , 175, 97-113	10.2	70
172	Observed drought indices show increasing divergence across Europe. <i>Scientific Reports</i> , 2017 , 7, 14045	4.9	86
171	HESS Opinions: A conceptual framework for assessing socio-hydrological resilience under change. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 3655-3670	5.5	32
170	Climate and basin drivers of seasonal river water temperature dynamics. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 3231-3247	5.5	12
169	Can spatial statistical river temperature models be transferred between catchments?. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 4727-4745	5.5	14
168	Large thermo-erosional tunnel for a river in northeast Greenland. <i>Polar Science</i> , 2017 , 14, 83-87	2.3	11
167	Glacier shrinkage driving global changes in downstream systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 9770-9778	11.5	235
166	Development of spatial regression models for predicting summer river temperatures from landscape characteristics: Implications for land and fisheries management. <i>Hydrological Processes</i> , 2017 , 31, 1225-1238	3.3	35
165	Macroinvertebrate responses to flow and stream temperature variability across regulated and non-regulated rivers. <i>Ecohydrology</i> , 2017 , 10, e1773	2.5	45
164	User-driven design of decision support systems for polycentric environmental resources management. <i>Environmental Modelling and Software</i> , 2017 , 88, 58-73	5.2	46
163	Stream solute tracer timescales changing with discharge and reach length confound process interpretation. <i>Water Resources Research</i> , 2016 , 52, 3227-3245	5.4	24

162	Microthermal variability in a Welsh upland stream 2016 , 279-294		1
161	A comparative analysis of ecosystem services valuation approaches for application at the local scale and in data scarce regions. <i>Ecosystem Services</i> , 2016 , 22, 250-259	6.1	105
160	A novel approach for designing large-scale river temperature monitoring networks 2016 , 47, 569-590		26
159	Citizen Science for Water Resources Management: Toward Polycentric Monitoring and Governance?. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016 , 142, 01816002	2.8	61
158	Shared environmental responses drive co-occurrence patterns in river bird communities. <i>Ecography</i> , 2016 , 39, 733-742	6.5	17
157	Environmental Virtual Observatories (EVOs): prospects for knowledge co-creation and resilience in the Information Age. <i>Current Opinion in Environmental Sustainability</i> , 2016 , 18, 40-48	7.2	48
156	Multi-method assessment of reservoir effects on hydrological droughts in an arid region 2016 ,		16
155	Drought in a human-modified world: reframing drought definitions, understanding, and analysis approaches. <i>Hydrology and Earth System Sciences</i> , 2016 , 20, 3631-3650	5.5	198
154	Real-time monitoring of nutrients and dissolved organic matter in rivers: Capturing event dynamics, technological opportunities and future directions. <i>Science of the Total Environment</i> , 2016 , 569-570, 647-660	10.2	89
153	Glacier-groundwater stress gradients control alpine river biodiversity. <i>Ecohydrology</i> , 2016 , 9, 1263-1275	2.5	20
152	Panta Rhei 2013-2015: global perspectives on hydrology, society and change. <i>Hydrological Sciences Journal</i> , 2016 , 1-18	3.5	44
151	Floods in the Southern Alps of New Zealand: the importance of atmospheric rivers. <i>Hydrological Processes</i> , 2016 , 30, 5063-5070	3.3	27
150	Using multi-tracer inference to move beyond single-catchment ecohydrology. <i>Earth-Science Reviews</i> , 2016 , 160, 19-42	10.2	105
149	European-Scale Drought: Understanding Connections between Atmospheric Circulation and Meteorological Drought Indices. <i>Journal of Climate</i> , 2015 , 28, 505-516	4.4	60
148	Climate change and water in the UK: Past changes and future prospects. <i>Progress in Physical Geography</i> , 2015 , 39, 6-28	3.5	138
147	Climate-induced changes in river flow regimes will alter future bird distributions. <i>Ecosphere</i> , 2015 , 6, 1-10	3.1	10
146	River water temperature in the United Kingdom: Changes over the 20th century and possible changes over the 21st century. <i>Progress in Physical Geography</i> , 2015 , 39, 68-92	3.5	87
145	Large scale moisture flux characteristics of the mediterranean basin and their relationships with drier and wetter climate conditions. <i>Climate Dynamics</i> , 2015 , 45, 3381-3401	4.2	18

144	In situ tryptophan-like fluorometers: assessing turbidity and temperature effects for freshwater applications. <i>Environmental Sciences: Processes and Impacts</i> , 2015 , 17, 740-52	4.3	62
143	Inter-annual variability in the effects of riparian woodland on micro-climate, energy exchanges and water temperature of an upland Scottish stream. <i>Hydrological Processes</i> , 2015 , 29, 1080-1095	3.3	29
142	Hydroclimatology of extreme river flows. <i>Freshwater Biology</i> , 2015 , 60, 2461-2476	3.1	33
141	Heat exchange processes and thermal dynamics of a glacier-fed alpine stream. <i>Hydrological Processes</i> , 2015 , 29, 3306-3317	3.3	15
140	Evaluation of global impact models' ability to reproduce runoff characteristics over the central United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 9138-9159	4.4	9
139	Future hydrological extremes: the uncertainty from multiple global climate and global hydrological models. <i>Earth System Dynamics</i> , 2015 , 6, 267-285	4.8	94
138	Experimental evidence that predator range expansion modifies alpine stream community structure. <i>Freshwater Science</i> , 2015 , 34, 66-80	2	17
137	Upscaling Nitrogen Removal Capacity from Local Hotspots to Low Stream Orders Drainage Basins. <i>Ecosystems</i> , 2015 , 18, 1101-1120	3.9	85
136	Connecting large-scale atmospheric circulation, river flow and groundwater levels in a chalk catchment in southern England. <i>Journal of Hydrology</i> , 2015 , 523, 179-189	6	27
135	Hydrological droughts in the 21st century, hotspots and uncertainties from a global multimodel ensemble experiment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 3262-7	11.5	470
134	Water, resilience and the law: From general concepts and governance design principles to actionable mechanisms. <i>Environmental Science and Policy</i> , 2014 , 43, 98-110	6.2	53
133	Alpine aquatic ecosystem conservation policy in a changing climate. <i>Environmental Science and Policy</i> , 2014 , 43, 39-55	6.2	28
132	Environmental drivers of macroinvertebrate communities in high Arctic rivers (Svalbard). <i>Freshwater Biology</i> , 2014 , 59, 378-391	3.1	23
131	The potential of large woody debris to alter biogeochemical processes and ecosystem services in lowland rivers. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014 , 1, 263-275	5.7	25
130	River birds' response to hydrological extremes: New vulnerability index and conservation implications. <i>Biological Conservation</i> , 2014 , 177, 64-73	6.2	21
129	The use of invertebrates as indicators of environmental change in alpine rivers and lakes. <i>Science of the Total Environment</i> , 2014 , 493, 1242-54	10.2	46
128	Water source dynamics of high Arctic river basins. <i>Hydrological Processes</i> , 2014 , 28, 3521-3538	3.3	29
127	Managing and researching floods: sustainability, policy responses and the place of rural communities. <i>Hydrological Processes</i> , 2014 , 28, 4984-4988	3.3	6

126	Citizen science in hydrology and water resources: opportunities for knowledge generation, ecosystem service management, and sustainable development. <i>Frontiers in Earth Science</i> , 2014 , 2,	3.5	237
125	Catchment similarity concepts for understanding dynamic biogeochemical behaviour of river basins. <i>Hydrological Processes</i> , 2014 , 28, 1554-1560	3.3	12
124	IMPACT OF CHANGING HYDROLOGY ON NUTRIENT UPTAKE IN HIGH ARCTIC RIVERS. <i>River Research and Applications</i> , 2014 , 30, 1073-1083	2.3	14
123	River temperature regimes of England and Wales: spatial patterns, inter-annual variability and climatic sensitivity. <i>Hydrological Processes</i> , 2014 , 28, 5583-5598	3.3	53
122	PROJECTED FLOW ALTERATION AND ECOLOGICAL RISK FOR PAN-EUROPEAN RIVERS. <i>River Research and Applications</i> , 2014 , 30, 299-314	2.3	63
121	What causes cooling water temperature gradients in a forested stream reach?. <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 5361-5376	5.5	54
120	Large-scale hydrology: observations and modelling 2013 , 44, 747-747		
119	Influence of dam-induced hydrological regulation on summer water temperature: Sauce Grande River, Argentina. <i>Ecohydrology</i> , 2013 , 6, 523-535	2.5	37
118	Ocean-Atmosphere Forcing of Summer Streamflow Drought in Great Britain. <i>Journal of Hydrometeorology</i> , 2013 , 14, 331-344	3.7	29
117	Exposed riverine sediments (ERS) in England and Wales: distribution, controls and management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013 , 23, 924-938	2.6	7
116	A large-scale hydroclimatological perspective on western European river flow regimes 2013 , 44, 809-833		7
115	European precipitation connections with large-scale mean sea-level pressure (MSLP) fields. <i>Hydrological Sciences Journal</i> , 2013 , 58, 310-327	3.5	26
114	Responses to river inundation pressures control prey selection of riparian beetles. <i>PLoS ONE</i> , 2013 , 8, e61866	3.7	16
113	Avian community responses to variability in river hydrology. <i>PLoS ONE</i> , 2013 , 8, e83221	3.7	24
112	Numerical modelling of spatio-temporal thermal heterogeneity in a complex river system. <i>Journal of Hydrology</i> , 2012 , 414-415, 491-502	6	27
111	What are the effects of wooded riparian zones on stream temperature?. <i>Environmental Evidence</i> , 2012 , 1, 3	3.3	44
110	Experiences of using mobile technologies and virtual field tours in Physical Geography: implications for hydrology education. <i>Hydrology and Earth System Sciences</i> , 2012 , 16, 1281-1286	5.5	17
109	How does macroinvertebrate taxonomic resolution influence ecohydrological relationships in riverine ecosystems. <i>Ecohydrology</i> , 2012 , 5, 36-45	2.5	48

108	Water temperature dynamics in High Arctic river basins. <i>Hydrological Processes</i> , 2012 , 27, n/a-n/a	3.3	16
107	Inter-disciplinary perspectives on processes in the hyporheic zone. <i>Ecohydrology</i> , 2011 , 4, 481-499	2.5	199
106	Hydroecology of a New Zealand glacier-fed river: linking longitudinal zonation of physical habitat and macroinvertebrate communities. <i>Ecohydrology</i> , 2011 , 4, 520-531	2.5	11
105	The role of microhabitat and food availability in determining riparian invertebrate distributions on gravel bars: a habitat manipulation experiment. <i>Ecohydrology</i> , 2011 , 4, 512-519	2.5	16
104	Interstitial pore-water temperature dynamics across a pool-riffle-pool sequence. <i>Ecohydrology</i> , 2011 , 4, 549-563	2.5	32
103	Ecohydrology on the edge: interactions across the interfaces of wetland, riparian and groundwater-based ecosystems. <i>Ecohydrology</i> , 2011 , 4, 477-480	2.5	14
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