Judy England

List of Publications by Year
in descending order

57 papers	1,280 citations	394421 19 h-index	414414 32 g-index
58 all docs	58 docs citations	58 times ranked	1491 citing authors

#	Article	IF	Citations
1	THE ASSESSMENT OF FINE SEDIMENT ACCUMULATION IN RIVERS USING MACROâ€INVERTEBRATE COMMUNITY RESPONSE. River Research and Applications, 2013, 29, 17-55.	1.7	125
2	Niche differentiation among invasive crayfish and their impacts on ecosystem structure and functioning. Freshwater Biology, 2014, 59, 1123-1135.	2.4	101
3	Temporary streams in temperate zones: recognizing, monitoring and restoring transitional aquaticâ€terrestrial ecosystems. Wiley Interdisciplinary Reviews: Water, 2017, 4, e1223.	6.5	74
4	The current state of the use of large wood in river restoration and management. Water and Environment Journal, 2019, 33, 366-377.	2.2	59
5	Physical and biological controls on fine sediment transport and storage in rivers. Wiley Interdisciplinary Reviews: Water, 2019, 6, e1331.	6.5	49
6	An index to track the ecological effects of drought development and recovery on riverine invertebrate communities. Ecological Indicators, 2017, 82, 344-356.	6.3	48
7	Does river restoration work? Taxonomic and functional trajectories at two restoration schemes. Science of the Total Environment, 2018, 618, 961-970.	8.0	45
8	Monitoring, river restoration and the Water Framework Directive. Water and Environment Journal, 2008, 22, 227-234.	2.2	38
9	A comparison of biotic groups as dry-phase indicators of ecological quality in intermittent rivers and ephemeral streams. Ecological Indicators, 2019, 97, 165-174.	6.3	35
10	River bank burrowing by invasive crayfish: Spatial distribution, biophysical controls and biogeomorphic significance. Science of the Total Environment, 2016, 569-570, 1190-1200.	8.0	33
11	Science and Management of Intermittent Rivers and Ephemeral Streams (SMIRES). Research Ideas and Outcomes, 0, 3, e21774.	1.0	33
12	The virile crayfish, Orconectes virilis (Hagen, 1870) (Crustacea: Decapoda: Cambaridae), identified in the UK. Aquatic Invasions, 2008, 3, 102-104.	1.6	31
13	Local and regional drivers influence how aquatic community diversity, resistance and resilience vary in response to drying. Oikos, 2020, 129, 1877-1890.	2.7	30
14	Burrowing Invasive Species: An Unquantified Erosion Risk at the Aquaticâ€Terrestrial Interface. Reviews of Geophysics, 2019, 57, 1018-1036.	23.0	28
15	Traitâ€based ecology at large scales: Assessing functional trait correlations, phylogenetic constraints and spatial variability using open data. Global Change Biology, 2020, 26, 7255-7267.	9.5	28
16	Ecosystem services of temporary streams differ between wet and dry phases in regions with contrasting climates and economies. People and Nature, 2020, 2, 660-677.	3.7	27
17	Invasion impacts and dynamics of a Europeanâ€wide introduced species. Global Change Biology, 2022, 28, 4620-4632.	9.5	27
18	Assessing river condition: A multiscale approach designed for operational application in the context of biodiversity net gain. River Research and Applications, 2020, 36, 1559-1578.	1.7	25

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19	MoRPh: a citizen science tool for monitoring and appraising physical habitat changes in rivers. Water and Environment Journal, 2017, 31, 418-424.	2.2	24
20	Timeâ€series analysis of native and nonâ€native crayfish dynamics in the Thames River Basin (southâ€eastern) Tj ETQq0 0 0 rgBT /Overlo	2.0	23
21	Visualising and quantifying the variability of hydrological state in intermittent rivers. Fundamental and Applied Limnology, 2019, 193, 21-38.	0.7	23
22	Mapping habitat indices across river networks using spatial statistical modelling of River Habitat Survey data. Ecological Indicators, 2016, 66, 20-29.	6.3	22
23	Drought effects on invertebrate metapopulation dynamics and quasiâ€extinction risk in an intermittent river network. Global Change Biology, 2021, 27, 4024-4039.	9.5	22
24	An invertebrate-based index to characterize ecological responses to flow intermittence in rivers. Fundamental and Applied Limnology, 2019, 193, 93-117.	0.7	19
25	Invasive species influence macroinvertebrate biomonitoring tools and functional diversity in British rivers. Journal of Applied Ecology, 2021, 58, 135-147.	4.0	18
26	Trees and wood: working with natural river processes. Water and Environment Journal, 2019, 33, 342-352.	2.2	17
27	Potential physical effects of suspended fine sediment on lotic macroinvertebrates. Hydrobiologia, 2020, 847, 697-711.	2.0	17
28	Multiple coâ€occurrent alien invaders constrain aquatic biodiversity in rivers. Ecological Applications, 2021, 31, e02385.	3.8	17
29	Abiotic predictors of fine sediment accumulation in lowland rivers. International Journal of Sediment Research, 2022, 37, 128-137.	3.5	16
30	Environmental biology of an invasive population of signal crayfish in the River Stort catchment (southeastern England). Limnologica, 2013, 43, 177-184.	1.5	15
31	Invasive crayfish impacts on native fish diet and growth vary with fish life stage. Aquatic Sciences, 2017, 79, 113-125.	1.5	15
32	Biological indices to characterize community responses to drying in streams with contrasting flow permanence regimes. Ecological Indicators, 2019, 107, 105620.	6.3	15
33	Application of the Proportion of Sedimentâ€sensitive Invertebrates (PSI) biomonitoring index. River Research and Applications, 2017, 33, 1596-1605.	1.7	14
34	Incorporating catchment to reach scale processes into hydromorphological assessment in the UK. Water and Environment Journal, 2016, 30, 22-30.	2.2	13
35	An approach to setting ecological flow thresholds for southern English chalk streams. Water and Environment Journal, 2017, 31, 528-536.	2.2	13
36	The contribution of citizen science volunteers to river monitoring and management: International and national perspectives and the example of the MoRPh survey. River Research and Applications, 2019, 35, 1359.	1.7	13

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37	Aquatic and terrestrial invertebrate community responses to drying in chalk streams. Water and Environment Journal, 2021, 35, 229-241.	2.2	13
38	The fine sediment conundrum; quantifying, mitigating and managing the issues. River Research and Applications, 2017, 33, 1509-1514.	1.7	11
39	Disentangling responses to natural stressor and human impact gradients in river ecosystems across Europe. Journal of Applied Ecology, 2022, 59, 537-548.	4.0	11
40	Long-reach Biotope Mapping: Deriving Low Flow Hydraulic Habitat from Aerial Imagery. River Research and Applications, 2016, 32, 1597-1608.	1.7	10
41	Structural and functional responses of macroinvertebrate assemblages to longâ€term flow variability at perennial and nonperennial sites. Ecohydrology, 2019, 12, e2112.	2.4	9
42	Invertebrate Responses to Restoration across Benthic and Hyporheic Stream Compartments. Water (Switzerland), 2021, 13, 996.	2.7	9
43	Time-series analysis of a native and a non-native amphipod shrimp in two English rivers. BioInvasions Records, 2018, 7, 101-110.	1.1	9
44	Best Practices for Monitoring and Assessing the Ecological Response to River Restoration. Water (Switzerland), 2021, 13, 3352.	2.7	9
45	Developing a standard approach for assessing the hydromorphology of lakes in Europe. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 655-669.	2.0	7
46	Seeking river restoration appraisal best practice: supporting wider national and international environmental goals. Water and Environment Journal, 2020, 34, 1003-1011.	2.2	6
47	Evaluating the performance of taxonomic and trait-based biomonitoring approaches for fine sediment in the UK. Ecological Indicators, 2022, 134, 108502.	6.3	6
48	Restoration of a chalk stream using wood: assessment of habitat improvements using the Modular River Survey. Water and Environment Journal, 2019, 33, 378-389.	2.2	5
49	A revised classification of temperate lowland groundwaterâ€fed headwater streams based on their flora. Water and Environment Journal, 2020, 34, 573-585.	2.2	5
50	A river classification scheme to assess macroinvertebrate sensitivity to water abstraction pressures. Water and Environment Journal, 2021, 35, 1226-1238.	2.2	5
51	Reconstructing Spatiotemporal Dynamics in Hydrological State Along Intermittent Rivers. Water (Switzerland), 2021, 13, 493.	2.7	4
52	Evidence of Taxonomic and Functional Recovery of Macroinvertebrate Communities Following River Restoration. Water (Switzerland), 2021, 13, 2239.	2.7	2
53	The vulnerability of British aquatic insects to climate change. Knowledge and Management of Aquatic Ecosystems, 2022, , 3.	1.1	2
54	Back to the future: Exploring riverine macroinvertebrate communities' invasibility. River Research and Applications, 0, , .	1.7	2

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55	The Plant Flow Index: A new method to assess the hydroecological condition of temporary rivers and streams. Ecological Indicators, 2021, 120, 106964.	6.3	1
56	Defining Recovery Potential in River Restoration: A Biological Data-Driven Approach. Water (Switzerland), 2021, 13, 3339.	2.7	1
57	A standardized multiâ€method survey to enhance characterization of riparian invertebrate communities. Water and Environment Journal, 0, , .	2.2	1