

Isabelle Durance

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,641
citations

304743

22
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

4103
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change effects on upland stream macroinvertebrates over a 25-year period. <i>Global Change Biology</i> , 2007, 13, 942-957.	9.5	390
2	The challenge of valuing ecosystem services that have no material benefits. <i>Global Environmental Change</i> , 2017, 44, 57-67.	7.8	261
3	A catchment-scale perspective of plastic pollution. <i>Global Change Biology</i> , 2019, 25, 1207-1221.	9.5	260
4	Acidity promotes degradation of multi-species environmental DNA in lotic mesocosms. <i>Communications Biology</i> , 2018, 1, 4.	4.4	219
5	Climate change and water in the UK – past changes and future prospects. <i>Progress in Physical Geography</i> , 2015, 39, 6-28.	3.2	178
6	Trends in water quality and discharge confound long-term warming effects on river macroinvertebrates. <i>Freshwater Biology</i> , 2009, 54, 388-405.	2.4	153
7	Estimating the size distribution of plastics ingested by animals. <i>Nature Communications</i> , 2020, 11, 1594.	12.8	132
8	The effects of climatic fluctuations and extreme events on running water ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150274.	4.0	131
9	Field and laboratory studies reveal interacting effects of stream oxygenation and warming on aquatic ectotherms. <i>Global Change Biology</i> , 2016, 22, 1769-1778.	9.5	111
10	Restoration and recovery from acidification in upland Welsh streams over 25 years. <i>Journal of Applied Ecology</i> , 2009, 46, 164-174.	4.0	97
11	Natural or synthetic – how global trends in textile usage threaten freshwater environments. <i>Science of the Total Environment</i> , 2020, 718, 134689.	8.0	89
12	Evidence for the role of climate in the local extinction of a cool-water triclad. <i>Journal of the North American Benthological Society</i> , 2010, 29, 1367-1378.	3.1	64
13	Recommendations for the Next Generation of Global Freshwater Biological Monitoring Tools. <i>Advances in Ecological Research</i> , 2016, , 615-636.	2.7	58
14	Lifting the veil: richness measurements fail to detect systematic biodiversity change over three decades. <i>Ecology</i> , 2018, 99, 1316-1326.	3.2	57
15	Juvenile salmonid populations in a temperate river system track synoptic trends in climate. <i>Global Change Biology</i> , 2010, 16, 3271-3283.	9.5	56
16	Recognizing the importance of scale in the ecology and management of riverine fish. <i>River Research and Applications</i> , 2006, 22, 1143-1152.	1.7	54
17	10 Years Later. <i>Advances in Ecological Research</i> , 2015, 53, 1-53.	2.7	43
18	The Challenges of Linking Ecosystem Services to Biodiversity. <i>Advances in Ecological Research</i> , 2016, 54, 87-134.	2.7	39

#	ARTICLE	IF	CITATIONS
19	Is water quality in British rivers 'better than at any time since the end of the Industrial Revolution'? <i>Science of the Total Environment</i> , 2022, 843, 157014.	8.0	39
20	Developmental impairment in eurasian dipper nestlings exposed to urban stream pollutants. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1315-1323.	4.3	30
21	Bending the rules: exploitation of allochthonous resources by a top predator modifies size abundance scaling in stream food webs. <i>Ecology Letters</i> , 2018, 21, 1771-1780.	6.4	30
22	Priority Wetland Invertebrates as Conservation Surrogates. <i>Conservation Biology</i> , 2010, 24, 573-582.	4.7	22
23	Applying landscape ecology to conservation biology: Spatially explicit analysis reveals dispersal limits on threatened wetland gastropods. <i>Biological Conservation</i> , 2007, 139, 286-296.	4.1	21
24	Big Data and Ecosystem Research Programmes. <i>Advances in Ecological Research</i> , 2014, 51, 41-77.	2.7	14
25	Eurasian Dipper Eggs Indicate Elevated Organohalogenated Contaminants in Urban Rivers. <i>Environmental Science & Technology</i> , 2013, 47, 130717151648003.	10.0	13
26	The Time Machine framework: monitoring and prediction of biodiversity loss. <i>Trends in Ecology and Evolution</i> , 2022, 37, 138-146.	8.7	13
27	Regional planning of river protection and restoration to promote ecosystem services and nature conservation. <i>Landscape and Urban Planning</i> , 2021, 211, 104101.	7.5	12
28	Systematic variation in food web body-size structure linked to external subsidies. <i>Biology Letters</i> , 2021, 17, 20200798.	2.3	11
29	The potential of multivariate analysis in assessing students' attitude to curriculum subjects. <i>Educational Research</i> , 2011, 53, 65-83.	1.8	8
30	Populations of high-value predators reflect the traits of their prey. <i>Ecography</i> , 2021, 44, 690-702.	4.5	8
31	Persistence in the longitudinal distribution of lotic insects in a changing climate: a tale of two rivers. <i>Science of the Total Environment</i> , 2017, 574, 1294-1304.	8.0	6
32	Student-centred experiments with stream invertebrates. <i>Journal of Biological Education</i> , 2011, 45, 106-111.	1.5	4
33	Testing the ecosystem service cascade framework for Atlantic salmon. <i>Ecosystem Services</i> , 2020, 46, 101196.	5.4	4
34	Negative effects of parasite exposure and variable thermal stress on brown trout (<i>Salmo trutta</i>) under future climatic and hydropower production scenarios. <i>Climate Change Ecology</i> , 2021, 2, 100039.	1.9	4
35	Spatial structure in the zooplankton of a newly formed and heavily disturbed urban lake. <i>Fundamental and Applied Limnology</i> , 2013, 183, 1-14.	0.7	1
36	Challenges to Implementing Environmental-DNA Monitoring in Namibia. <i>Frontiers in Environmental Science</i> , 2022, 9, .	3.3	1