John Iwan Jones

List of Publications by Year
in descending order

55 papers	4,969 citations	172457 29 h-index	189892 50 g-index
55 all docs	55 docs citations	55 times ranked	6743 citing authors

#	Article	IF	Citations
1	Review: Ecological networks â€“ beyond food webs. Journal of Animal Ecology, 2009, 78, 253-269.	2.8	765
2	Interaction strengths in food webs: issues and opportunities. Journal of Animal Ecology, 2004, 73, 585-598.	2.8	557
3	How green is my river? A new paradigm of eutrophication in rivers. Science of the Total Environment, 2006, 365, 66-83.	8.0	417
4	The future of biotic indices in the ecogenomic era: Integrating (e)DNA metabarcoding in biological assessment of aquatic ecosystems. Science of the Total Environment, 2018, 637-638, 1295-1310.	8.0	377
5	Warming alters the metabolic balance of ecosystems. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2117-2126.	4.0	322
6	Implementation options for DNA-based identification into ecological status assessment under the European Water Framework Directive. Water Research, 2018, 138, 192-205.	11.3	275
7	DOES THE FISHâ€“INVERTEBRATEâ€“PERIPHYTON CASCADE PRECIPITATE PLANT LOSS IN SHALLOW LAKES?. Ecology, 2003, 84, 2155-2167.	3.2	236
8	The influence of nutrient loading, dissolved inorganic carbon and higher trophic levels on the interaction between submerged plants and periphyton. Journal of Ecology, 2002, 90, 12-24.	4.0	144
9	Seasonal dynamics of macrophytes and phytoplankton in shallow lakes: a eutrophicationâ€driven pathway from plants to plankton?. Freshwater Biology, 2010, 55, 500-513.	2.4	136
10	The British river of the future: How climate change and human activity might affect two contrasting river ecosystems in England. Science of the Total Environment, 2009, 407, 4787-4798.	8.0	134
11	Area, altitude and aquatic plant diversity. Ecography, 2003, 26, 411-420.	4.5	121
12	Combining contemporary ecology and palaeolimnology to understand shallow lake ecosystem change. Freshwater Biology, 2010, 55, 487-499.	2.4	102
13	Small Water Bodies in Great Britain and Ireland: Ecosystem function, human-generated degradation, and options for restorative action. Science of the Total Environment, 2018, 645, 1598-1616.	8.0	87
14	Individual-Based Food Webs. Advances in Ecological Research, 2010, , 211-266.	2.7	84
15	Combined stable isotope and gut contents analysis of food webs in plant-dominated, shallow lakes. Freshwater Biology, 2003, 48, 1396-1407.	2.4	77
16	Do submerged aquatic plants influence periphyton community composition for the benefit of invertebrate mutualists?. Freshwater Biology, 2000, 43, 591-604.	2.4	76
17	Mobility of stream invertebrates in relation to disturbance and refugia: a test of habitat templet theory. Journal of the North American Benthological Society, 2003, 22, 207-223.	3.1	72
18	TBT Causes Regime Shift in Shallow Lakes. Environmental Science & Technology, 2006, 40, 5269-5275.	10.0	69

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19	Warming increases the proportion of primary production emitted as methane from freshwater mesocosms. Global Change Biology, 2011, 17, 1225-1234.	9.5	68
20	Key Questions for Next-Generation Biomonitoring. Frontiers in Environmental Science, 2020, 7, .	3.3	68
21	Seeing Double:. Advances in Ecological Research, 2011, 45, 67-133.	2.7	65
22	The influence of periphyton on boundary layer conditions: a pH microelectrode investigation. Aquatic Botany, 2000, 67, 191-206.	1.6	60
23	Back to the future: using palaeolimnology to infer longâ€term changes in shallow lake food webs. Freshwater Biology, 2010, 55, 600-613.	2.4	60
24	Development of a biotic index using stream macroinvertebrates to assess stress from deposited fine sediment. Freshwater Biology, 2015, 60, 2019-2036.	2.4	53
25	Physical and biological controls on fine sediment transport and storage in rivers. Wiley Interdisciplinary Reviews: Water, 2019, 6, e1331.	6.5	49
26	Do agriâ€environment schemes result in improved water quality?. Journal of Applied Ecology, 2017, 54, 537-546.	4.0	38
27	Regional-scale drivers of groundwater faunal distributions. Freshwater Science, 2015, 34, 316-328.	1.8	34
28	Systematic Analysis of the Relative Abundance of Polymers Occurring as Microplastics in Freshwaters and Estuaries. International Journal of Environmental Research and Public Health, 2020, 17, 9304.	2.6	34
29	Consumerâ€“resource elemental imbalances in a nutrient-rich stream. Freshwater Science, 2012, 31, 408-422.	1.8	30
30	Bending the rules: exploitation of allochthonous resources by a topâ€predator modifies sizeâ€abundance scaling in stream food webs. Ecology Letters, 2018, 21, 1771-1780.	6.4	30
31	Biodiversity assessment across a dynamic riverine system: A comparison of eDNA metabarcoding versus traditional fish surveying methods. Environmental DNA, 2021, 3, 1247-1266.	5.8	29
32	Diurnal carbon restrictions on the photosynthesis of dense stands of Elodea nuttallii (Planch.) St. John. Hydrobiologia, 1996, 340, 11-16.	2.0	28
33	Ecological monitoring and assessment of pollution in rivers. , 2010, , 126-146.		27
34	Nutrient availability and the carnivorous habit in Utricularia vulgaris. Freshwater Biology, 2007, 52, 500-509.	2.4	26
35	Two is better than one: combining gut content and stable isotope analyses to infer trophic interactions between native and invasive species. Hydrobiologia, 2019, 839, 25-35.	2.0	25
36	A small number of anadromous females drive reproduction in a brown trout (Salmo trutta) population in an English chalk stream. Freshwater Biology, 2016, 61, 1075-1089.	2.4	22

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37	The metabolic cost of bicarbonate use in the submerged plant Elodea nuttallii. Aquatic Botany, 2005, 83, 71-81.	1.6	18
38	Weedbeds and big bugs: the importance of scale in detecting the influence of nutrients and predation on macroinvertebrates in plantâ€dominated shallow lakes. Freshwater Biology, 2010, 55, 514-530.	2.4	18
39	Consequences of inferring diet from feeding guilds when estimating and interpreting consumerâ€“resource stoichiometry. Freshwater Biology, 2014, 59, 1497-1508.	2.4	16
40	A comparison of the relative contributions of temporal and spatial variation in the density of drifting invertebrates in a Dorset (U.K.) chalk stream. Freshwater Biology, 2008, 53, 1513-1523.	2.4	15
41	Diatoms as indicators of fine sediment stress. Ecohydrology, 2017, 10, e1832.	2.4	15
42	Seasonal feeding plasticity can facilitate coexistence of dominant omnivores in Neotropical streams. Reviews in Fish Biology and Fisheries, 2021, 31, 417-432.	4.9	13
43	Body size and trophic cascades in lakes. , 0, , 118-139.		11
44	Systematic variation in food web body-size structure linked to external subsidies. Biology Letters, 2021, 17, 20200798.	2.3	11
45	The effects of altered flow and bed sediment on macroinvertebrates in stream mesocosms. Marine and Freshwater Research, 2017, 68, 496.	1.3	8
46	Above parr: Lowland river habitat characteristics associated with higher juvenile Atlantic salmon () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	8
47	High summer macrophyte cover increases abundance, growth, and feeding of juvenile Atlantic salmon. Ecological Applications, 2022, 32, e02492.	3.8	8
48	Biological barriers to restoration: testing the biotic resistance hypothesis in an upland stream recovering from acidification. Hydrobiologia, 2016, 777, 161-170.	2.0	7
49	Accumulation of trace metals in freshwater macroinvertebrates across metal contamination gradients. Environmental Pollution, 2021, 276, 116721.	7.5	7
50	Separating natural from human enhanced methane emissions in headwater streams. Nature Communications, 2022, 13, .	12.8	6
51	The structure and functionality of communities and food webs in streams along the epigeanâ€“hypogean continuum: unifying ecological stoichiometry and metabolic theory of ecology. Aquatic Sciences, 2021, 83, 1.	1.5	4
52	Diurnal carbon restrictions on the photosynthesis of dense stands of Elodea nuttallii (Planch.) St. John. , 1996, , 11-16.		4
53	The Impact of Metal-Rich Sediments Derived from Mining on Freshwater Stream Life. Reviews of Environmental Contamination and Toxicology, 2018, 248, 111-189.	1.3	2
54	The hyporheic zone as an invertebrate refuge during a fine sediment disturbance event. Ecohydrology, 0, , .	2.4	1

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55	Faunal community change in the sediment impacted Bovington Stream and the River Frome (Dorset, UK) between 1998 and 2016. SN Applied Sciences, 2020, 2, 1.	2.9	0