

Brian Hayden

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6474818/publications.pdf>

Version: 2024-02-01

57
papers

2,084
citations

257101

24
h-index

253896

43
g-index

58
all docs

58
docs citations

58
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecology under lake ice. <i>Ecology Letters</i> , 2017, 20, 98-111.	3.0	320
2	Diet tracing in ecology: Method comparison and selection. <i>Methods in Ecology and Evolution</i> , 2018, 9, 278-291.	2.2	320
3	<scp>tRophicPosition</scp>, an <scp>r</scp> package for the Bayesian estimation of trophic position from consumer stable isotope ratios. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1592-1599.	2.2	186
4	Key Questions for Next-Generation Biomonitoring. <i>Frontiers in Environmental Science</i> , 2020, 7, .	1.5	68
5	From clear lakes to murky waters â€“ tracing the functional response of highâ€ˆlatitude lake communities to concurrent â€“greeningâ€™ and â€“browningâ€™. <i>Ecology Letters</i> , 2019, 22, 807-816.	3.0	58
6	Dual fuels: intraâ€ˆannual variation in the relative importance of benthic and pelagic resources to maintenance, growth and reproduction in a generalist salmonid fish. <i>Journal of Animal Ecology</i> , 2014, 83, 1501-1512.	1.3	55
7	Climate and productivity shape fish and invertebrate community structure in subarctic lakes. <i>Freshwater Biology</i> , 2017, 62, 990-1003.	1.2	54
8	Hybridisation between two cyprinid fishes in a novel habitat: genetics, morphology and life-history traits. <i>BMC Evolutionary Biology</i> , 2010, 10, 169.	3.2	53
9	Polyunsaturated fatty acids in fishes increase with total lipids irrespective of feeding sources and trophic position. <i>Ecosphere</i> , 2017, 8, e01753.	1.0	53
10	Opinion: Why we need a centralized repository for isotopic data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2997-3001.	3.3	50
11	Conceptualising the interactive effects of climate change and biological invasions on subarctic freshwater fish. <i>Ecology and Evolution</i> , 2017, 7, 4109-4128.	0.8	48
12	Lake morphometry and resource polymorphism determine niche segregation between coolâ€ˆand coldâ€ˆwaterâ€ˆadapted fish. <i>Ecology</i> , 2014, 95, 538-552.	1.5	46
13	Distance decay 2.0 â€“ A global synthesis of taxonomic and functional turnover in ecological communities. <i>Global Ecology and Biogeography</i> , 2022, 31, 1399-1421.	2.7	40
14	Nine Maxims for the Ecology of Cold-Climate Winters. <i>BioScience</i> , 2021, 71, 820-830.	2.2	34
15	An ecomorphological framework for the coexistence of two cyprinid fish and their hybrids in a novel environment. <i>Biological Journal of the Linnean Society</i> , 0, 99, 768-783.	0.7	32
16	Interactions between invading benthivorous fish and native whitefish in subarctic lakes. <i>Freshwater Biology</i> , 2013, 58, 1234-1250.	1.2	31
17	Evidence for limited trophic transfer of allochthonous energy in temperate river food webs. <i>Freshwater Science</i> , 2016, 35, 544-558.	0.9	31
18	Total mercury concentrations in liver and muscle of European whitefish (<i>Coregonus lavaretus</i> (L.)) in a subarctic lake - Assessing the factors driving year-round variation. <i>Environmental Pollution</i> , 2017, 231, 1518-1528.	3.7	31

#	ARTICLE	IF	CITATIONS
19	Network-Based Biomonitoring: Exploring Freshwater Food Webs With Stable Isotope Analysis and DNA Metabarcoding. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	31
20	Climate and productivity affect total mercury concentration and bioaccumulation rate of fish along a spatial gradient of subarctic lakes. <i>Science of the Total Environment</i> , 2018, 637-638, 1586-1596.	3.9	29
21	Increasing temperature and productivity change biomass, trophic pyramids and community-level omega-3 fatty acid content in subarctic lake food webs. <i>Global Change Biology</i> , 2021, 27, 282-296.	4.2	29
22	Review and quantitative meta-analysis of diet suggests the Eurasian otter (<i>Lutra lutra</i>) is likely to be a poor bioindicator. <i>Ecological Indicators</i> , 2013, 26, 5-13.	2.6	28
23	Small Tails Tell Tall Tales – Intra-Individual Variation in the Stable Isotope Values of Fish Fin. <i>PLoS ONE</i> , 2015, 10, e0145154.	1.1	27
24	Seasonal dietary shift to zooplankton influences stable isotope ratios and total mercury concentrations in Arctic charr (<i>Salvelinus alpinus</i> (L.)). <i>Hydrobiologia</i> , 2016, 783, 47-63.	1.0	27
25	The effects of winter ice cover on the trophic ecology of whitefish (<i>Coregonus oregonus</i>) Tj ETQq1 1 0.784314,rgBT /Oyerlock 10 0,7 25	0.7	25
26	Trophic flexibility by roach (<i>Rutilus rutilus</i>) in novel habitats facilitates rapid growth and invasion success. <i>Journal of Fish Biology</i> , 2014, 84, 1099-1116.	0.7	24
27	Seasonal depletion of resources intensifies trophic interactions in subarctic freshwater fish communities. <i>Freshwater Biology</i> , 2015, 60, 1000-1015.	1.2	23
28	Ecological speciation in a generalist consumer expands the trophic niche of a dominant predator. <i>Scientific Reports</i> , 2017, 7, 8765.	1.6	21
29	Ecomorphological divergence drives differential mercury bioaccumulation in polymorphic European whitefish (<i>Coregonus lavaretus</i>) populations of subarctic lakes. <i>Science of the Total Environment</i> , 2017, 599-600, 1768-1778.	3.9	21
30	Trophic dynamics within a hybrid zone - interactions between an abundant cyprinid hybrid and sympatric parental species. <i>Freshwater Biology</i> , 2011, 56, 1723-1735.	1.2	20
31	Biological and environmental drivers of trophic ecology in marine fishes - a global perspective. <i>Scientific Reports</i> , 2019, 9, 11415.	1.6	19
32	Parallel evolution of profundal Arctic charr morphs in two contrasting fish communities. <i>Hydrobiologia</i> , 2016, 783, 239-248.	1.0	18
33	Seasonal changes in European whitefish muscle and invertebrate prey fatty acid composition in a subarctic lake. <i>Freshwater Biology</i> , 2019, 64, 1908-1920.	1.2	18
34	Circumpolar patterns of Arctic freshwater fish biodiversity: A baseline for monitoring. <i>Freshwater Biology</i> , 2022, 67, 176-193.	1.2	17
35	Multitrophic biodiversity patterns and environmental descriptors of sub-Arctic lakes in northern Europe. <i>Freshwater Biology</i> , 2022, 67, 30-48.	1.2	17
36	Environmental and biological factors are joint drivers of mercury biomagnification in subarctic lake food webs along a climate and productivity gradient. <i>Science of the Total Environment</i> , 2021, 779, 146261.	3.9	17

#	ARTICLE	IF	CITATIONS
37	The Ecology of River Ice. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006275.	1.3	17
38	A specialised cannibalistic Arctic charr morph in the piscivore guild of a subarctic lake. <i>Hydrobiologia</i> , 2016, 783, 65-78.	1.0	15
39	Frozen out: unanswered questions about winter biology. <i>Environmental Reviews</i> , 2021, 29, 431-442.	2.1	14
40	First circumpolar assessment of Arctic freshwater phytoplankton and zooplankton diversity: Spatial patterns and environmental factors. <i>Freshwater Biology</i> , 2022, 67, 141-158.	1.2	13
41	Detecting detectability: identifying and correcting bias in binary wildlife surveys demonstrates their potential impact on conservation assessments. <i>European Journal of Wildlife Research</i> , 2013, 59, 869-879.	0.7	11
42	Variation in stable isotope ratios between fin and muscle tissues can alter assessment of resource use in tropical river fishes. <i>Journal of Fish Biology</i> , 2017, 91, 574-586.	0.7	11
43	Understanding and managing fish populations: keeping the toolbox fit for purpose. <i>Journal of Fish Biology</i> , 2018, 92, 727-751.	0.7	11
44	Resource polymorphism in European whitefish: Analysis of fatty acid profiles provides more detailed evidence than traditional methods alone. <i>PLoS ONE</i> , 2019, 14, e0221338.	1.1	11
45	Mangrove and mudflat food webs are segregated across four trophic levels, yet connected by highly mobile top predators. <i>Marine Ecology - Progress Series</i> , 2019, 632, 13-25.	0.9	9
46	Trophic ecology of piscivorous Arctic charr (<i>Salvelinus alpinus</i> (L.)) in subarctic lakes with contrasting food-web structures. <i>Hydrobiologia</i> , 2019, 840, 227-243.	1.0	8
47	Population niche breadth and individual trophic specialisation of fish along a climate-productivity gradient. <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 1025-1043.	2.4	8
48	Covering over the cracks in conservation assessments at EU interfaces: A cross-jurisdictional ecoregion scale approach using the Eurasian otter (<i>Lutra lutra</i>). <i>Ecological Indicators</i> , 2014, 45, 93-102.	2.6	6
49	Winter ecology of specialist and generalist morphs of European whitefish, <i>Coregonus lavaretus</i> , in subarctic northern Europe. <i>Journal of Fish Biology</i> , 2022, 101, 389-399.	0.7	5
50	Assimilation of marine-derived nutrients from anadromous Rainbow Smelt in an eastern North American riverine food web: evidence from stable-isotope and fatty acid analysis. <i>Freshwater Science</i> , 2018, 37, 747-759.	0.9	4
51	Functional and trophic diversity of tropical headwater stream communities inferred from carbon, nitrogen and hydrogen stable isotope ratios. <i>Food Webs</i> , 2021, 26, e00181.	0.5	4
52	Season and species influence stable isotope ratios between lethally and non-lethally sampled tissues in freshwater fish. <i>Journal of Fish Biology</i> , 2022, 100, 229-241.	0.7	4
53	Resource use of crucian carp along a lake productivity gradient is related to body size, predation risk, and resource competition. <i>Ecology of Freshwater Fish</i> , 2023, 32, 10-22.	0.7	4
54	Fruit of the forest – larval sea lamprey <i>Petromyzon marinus</i> are fuelled by allochthonous resources. <i>Journal of Fish Biology</i> , 2019, 95, 781-792.	0.7	3

#	ARTICLE	IF	CITATIONS
55	An arithmetic correction for the effect of lipid on carbon stable isotope ratios in muscle and digestive glands of the American lobster (<i>Homarus americanus</i>). Rapid Communications in Mass Spectrometry, 2021, 35, e9204.	0.7	2
56	Acid treatment of Atlantic salmon (<i>Salmo salar</i>) scales prior to analysis has negligible effects on $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ isotope ratios. Journal of Fish Biology, 2020, 97, 1285-1290.	0.7	1
57	Comparative trophic ecology of microhabitat associated guilds of reef fishes in the Adriatic Sea. Journal of Fish Biology, 2022, , .	0.7	0