

# Brendan J Hicks

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,552  
citations

304743

22  
h-index

330143

37  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of point source discharges on common bully ( <i>Gobiomorphus cotidianus</i> ) along the Waikato River, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2022, 56, 150-166.	2.0	1
2	Manipulation of fish community structure effectively restores submerged aquatic vegetation in a shallow subtropical lake. <i>Environmental Pollution</i> , 2022, 292, 118459.	7.5	6
3	Remote Sensing Big Data for Water Environment Monitoring: Current Status, Challenges, and Future Prospects. <i>Earth's Future</i> , 2022, 10, .	6.3	47
4	Conservation of freshwater eels in food web studies: Non-lethal stable isotope analyses substitute fin for muscle tissue with lipid correction. <i>Ecology of Freshwater Fish</i> , 2022, 31, 515-528.	1.4	3
5	The Lifetime Migratory History of Anadromous Brook Trout ( <i>Salvelinus fontinalis</i> ): Insights and Risks from Pesticide-Induced Fish Kills. <i>Fishes</i> , 2022, 7, 109.	1.7	2
6	Design features of constructed floodplain ponds influence waterbird and fish communities in northern New Zealand. <i>Freshwater Biology</i> , 2020, 65, 2066-2080.	2.4	9
7	Otolith microchemistry and acoustic telemetry reveal anadromy in non-native rainbow trout ( <i>Oncorhynchus mykiss</i> ) in Prince Edward Island, Canada. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 1117-1130.	1.4	6
8	Fish community responses to invasive fish removal and installation of an exclusion barrier at Lake Ohinewai, Waikato. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2019, 53, 397-415.	2.0	11
9	Neutral effects of turbidity across a gradient of vegetation density on the predation of juvenile mandarin fish ( <i>Siniperca chuatsi</i> ). <i>International Review of Hydrobiology</i> , 2019, 104, 99-105.	0.9	3
10	Debris dams as habitat for aquatic invertebrates in forested headwater streams: a large-scale field experiment. <i>Marine and Freshwater Research</i> , 2019, 70, 734.	1.3	3
11	Evaluation of a traditional Māori harvesting method for sampling kōura (freshwater crayfish) in two New Zealand streams. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2018, 52, 603-625.	2.0	6
12	Modelling hydrology and water quality in a mixed land use catchment and eutrophic lake: Effects of nutrient load reductions and climate change. <i>Environmental Modelling and Software</i> , 2018, 109, 114-133.	4.5	47
13	Impacts of hatchery-reared mandarin fish <i>Siniperca chuatsi</i> stocking on wild fish community and water quality in a shallow Yangtze lake. <i>Scientific Reports</i> , 2018, 8, 11481.	3.3	11
14	Feeding and nutrient excretion of the New Zealand freshwater mussel <i>Echyridella menziesii</i> (Hyriidae). <i>New Zealand Journal of Marine and Freshwater Research</i> , 2017, 51, 557-571.	1.5	17
15	Variable littoral-pelagic coupling as a food web response to seasonal changes in pelagic primary production. <i>Freshwater Biology</i> , 2017, 62, 2008-2025.	2.4	19
16	Predictions of establishment risk highlight biosurveillance priorities for invasive fish in New Zealand lakes. <i>Freshwater Biology</i> , 2016, 61, 1522-1535.	2.4	12
17	Sustainable management of freshwater crayfish ( <i>Paranephrops planifrons</i> ) in Te Arawa (Rotorua) lakes, North Island, New Zealand. <i>Fisheries Research</i> , 2015, 168, 35-46.	1.7	8
18	Spatial and temporal patterns of carbon flow in a temperate, large river food web. <i>Hydrobiologia</i> , 2014, 729, 107-131.	2.0	41

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19	Does hatchery-reared <i>Siniperca chuatsi</i> (Actinopterygii, Perciformes) compete significantly with two wild <i>Siniperca</i> populations for diets in a shallow lake?. <i>Hydrobiologia</i> , 2014, 741, 125-138.	2.0	7
20	Development and validation of a quantitative PCR assay for the early detection and monitoring of the invasive diatom <i>Didymosphenia geminata</i> . <i>Harmful Algae</i> , 2014, 36, 63-70.	4.8	12
21	Hindcasting water clarity from Landsat satellite images of unmonitored shallow lakes in the Waikato region, New Zealand. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 7245-7261.	2.7	41
22	Introducing contrast and luminance normalisation to improve the quality of subtractive resolution merge technique. <i>International Journal of Image and Data Fusion</i> , 2013, 4, 230-251.	1.7	5
23	A metabolic theory of ecology applied to temperature and mass dependence of N and P excretion by common carp. <i>Hydrobiologia</i> , 2013, 705, 135-145.	2.0	23
24	A bioenergetic assessment of the influence of stocking practices on rainbow trout ( <i>Oncorhynchus mykiss</i> ) in Lake Taupo, New Zealand. <i>Journal of Great Lakes Research</i> , 2013, 39, 100-108.	2.4	8
25	Effects of turbidity and light intensity on foraging success of juvenile mandarin fish <i>Siniperca chuatsi</i> (Basilewsky). <i>Environmental Biology of Fishes</i> , 2013, 96, 995-1002.	1.0	12
26	The effects of wood on stream habitat and native fish assemblages in New Zealand. <i>Ecology of Freshwater Fish</i> , 2013, 22, 553-566.	1.4	11
27	Growth of rainbow trout ( <i>Oncorhynchus mykiss</i> ) in warm-temperate lakes: implications for environmental change. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 815-823.	1.4	13
28	Alternative solutions for determining the spectral band weights for the subtractive resolution merge technique. <i>International Journal of Image and Data Fusion</i> , 2013, 4, 105-125.	1.7	5
29	The palatability of flavoured novel floating pellets made with brewer's spent grain to captive carp. <i>New Zealand Journal of Zoology</i> , 2013, 40, 170-174.	1.1	3
30	Diet of rainbow trout in Lake Rotoiti: an energetic perspective. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2012, 46, 557-565.	2.0	3
31	Carbon Sources Supporting Large River Food Webs: A Review of Ecological Theories and Evidence from Stable Isotopes. <i>Freshwater Reviews: A Journal of the Freshwater Biological Association</i> , 2012, 5, 85-103.	1.0	38
32	Image data fusion for the remote sensing of freshwater environments. <i>Applied Geography</i> , 2012, 32, 619-628.	3.7	53
33	Otolith microchemistry of koi carp in the Waikato region, New Zealand: a tool for identifying recruitment locations?. <i>Inland Waters</i> , 2012, 2, 109-118.	2.2	10
34	Movements of Radio- and Acoustic-Tagged Adult Koi Carp in the Waikato River, New Zealand. <i>North American Journal of Fisheries Management</i> , 2011, 31, 352-362.	1.0	18
35	Isotopic fractionation in a large herbivorous insect, the Auckland tree weta. <i>Journal of Insect Physiology</i> , 2010, 56, 1877-1882.	2.0	23
36	Satellite remote sensing for mapping vegetation in New Zealand freshwater environments: A review. <i>New Zealand Geographer</i> , 2010, 66, 33-43.	0.9	15

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37	Stable isotope and molecular analyses indicate that hybridization with non-native domesticated common carp influence habitat use of native carp. <i>Oikos</i> , 2010, 119, 964-971.	2.7	7
38	Matrix-based Fertilizers Reduce Nutrient and Bacterial Leaching after Manure Application in a Greenhouse Column Study. <i>Journal of Environmental Quality</i> , 2010, 39, 384-392.	2.0	4
39	Movement, social cohesion and site fidelity in adult koi carp, <i>Cyprinus carpio</i> . <i>Fisheries Management and Ecology</i> , 2009, 16, 169-176.	2.0	7
40	Acoustic and radio-transmitter retention in common carp ( <i>Cyprinus carpio</i> ) in New Zealand. <i>Marine and Freshwater Research</i> , 2009, 60, 328.	1.3	25
41	Distinct migratory and non-migratory ecotypes of an endemic New Zealand eleotrid ( <i>Gobiomorphus</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> <i>Biology</i> , 2008, 8, 49.	3.2	34
42	Carbon and nitrogen stable isotope ratios can estimate anionic polyacrylamide degradation in soil. <i>Geoderma</i> , 2008, 145, 8-16.	5.1	44
43	Monitoring the Effects of Pulp and Paper Effluent Is Restricted in Genetically Distinct Populations of Common Bulli ( <i>Gobiomorphuscotidianus</i> ). <i>Environmental Science &amp; Technology</i> , 2007, 41, 2602-2608.	10.0	19
44	Water temperature and upstream migration of glass eels in New Zealand: implications of climate change. <i>Environmental Biology of Fishes</i> , 2007, 81, 195-205.	1.0	32
45	Age composition, growth, and reproduction of koi carp ( <i>Cyprinus carpio</i> ) in the lower Waikato region, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2006, 40, 571-583.	2.0	24
46	CUMULATIVE IMPACTS ASSESSMENT ALONG A LARGE RIVER, USING BROWN BULLHEAD CATFISH ( <i>AMEIURUS</i> ) <i>Tj ETQq0 0 0 rgBT /Over</i>	4.3	19
47	Fish exclosures versus intensive fishing to restore charophytes in a shallow New Zealand lake. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2006, 16, 193-202.	2.0	17
48	Marine-derived nitrogen and carbon in freshwater-riparian food webs of the Copper River Delta, southcentral Alaska. <i>Oecologia</i> , 2005, 144, 558-569.	2.0	77
49	Distribution and abundance of fish and crayfish in a Waikato stream in relation to basin area. <i>New Zealand Journal of Zoology</i> , 2003, 30, 149-160.	1.1	12
50	Rock Type and Channel Gradient Structure Salmonid Populations in the Oregon Coast Range. <i>Transactions of the American Fisheries Society</i> , 2003, 132, 468-482.	1.4	29
51	Attraction of migratory inanga ( <i>Galaxias maculatus</i> ) and koaro ( <i>Galaxias brevipinnis</i> ) juveniles to adult galaxiid odours. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2003, 37, 291-299.	2.0	31
52	The Effect of a Trapping Procedure on the Stress Response of Wild Rainbow Trout. <i>North American Journal of Fisheries Management</i> , 2002, 22, 907-916.	1.0	12
53	Growth and population dynamics of crayfish <i>Paranephrops planifrons</i> in streams within native forest and pastoral land uses. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2002, 36, 847-862.	2.0	35
54	New Zealand stream crayfish: functional omnivores but trophic predators?. <i>Freshwater Biology</i> , 2001, 46, 641-652.	2.4	134

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55	Preliminary estimates of mass loss rates, changes in stable isotope composition, and invertebrate colonisation of evergreen and deciduous leaves in a Waikato, New Zealand, stream. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1999, 33, 221-232.	2.0	18
56	Seasonal abundance of small cladocerans in Lake Mangakaware, Waikato, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1999, 33, 399-415.	2.0	7
57	Evaluating techniques for sampling stream crayfish ( <i>Paranephrops planifrons</i> ). <i>New Zealand Journal of Marine and Freshwater Research</i> , 1997, 31, 693-700.	2.0	85
58	Land use, associated eel production, and abundance of fish and crayfish in streams in Waikato, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1997, 31, 635-650.	2.0	38
59	Food webs in forest and pasture streams in the Waikato region, New Zealand: A study based on analyses of stable isotopes of carbon and nitrogen, and fish gut contents. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1997, 31, 651-664.	2.0	87
60	Age and growth of longfinned eels ( <i>Anguilla dieffenbachii</i> ) in pastoral and forested streams in the Waikato River basin, and in two hydroelectric lakes in the North Island, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1993, 27, 317-332.	2.0	44
61	LONG-TERM CHANGES IN STREAMFLOW FOLLOWING LOGGING IN WESTERN OREGON AND ASSOCIATED FISHERIES IMPLICATIONS. <i>Journal of the American Water Resources Association</i> , 1991, 27, 217-226.	2.4	110
62	Acetylene reduction associated with <i>Zostera novazelandica</i> Setch. and <i>Spartina alterniflora</i> Loisel., in Whangateau Harbour, North Island, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1990, 24, 481-486.	2.0	2
63	Nitrogen Fixation Associated with the New Zealand Mangrove ( <i>Avicennia marina</i> (Forsk.) Vierh.) <i>Tj ETQq1 1,0,784314,rgBT /O</i>	3.1	52