Brendan J Hicks

List of Publications by Year
in descending order

63	1,552	304743	330143
papers	citations	22 h-index	37 g-index

63	63	63	1839
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Zealand stream crayfish: functional omnivores but trophic predators?. Freshwater Biology, 2001, 46, 641-652.	2.4	134
2	LONG-TERM CHANGES IN STREAMFLOW FOLLOWING LOGGING IN WESTERN OREGON AND ASSOCIATED FISHERIES IMPLICATIONS. Journal of the American Water Resources Association, 1991, 27, 217-226.	2.4	110
3	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. New Zealand Journal of Marine and Freshwater Research, 1997, 31, 651-664.	2.0	87
4	Evaluating techniques for sampling stream crayfish (Paranephrops planifrons). New Zealand Journal of Marine and Freshwater Research, 1997, 31, 693-700.	2.0	85
5	Marine-derived nitrogen and carbon in freshwater-riparian food webs of the Copper River Delta, southcentral Alaska. Oecologia, 2005, 144, 558-569.	2.0	77
6	Image data fusion for the remote sensing of freshwater environments. Applied Geography, 2012, 32, 619-628.	3.7	53
7	Nitrogen Fixation Associated with the New Zealand Mangrove (Avicennia marina (Forsk.) Vierh.) Tj ETQq1 1 0.784314 rgBT /Over	3.1	52
8	Modelling hydrology and water quality in a mixed land use catchment and eutrophic lake: Effects of nutrient load reductions and climate change. Environmental Modelling and Software, 2018, 109, 114-133.	4.5	47
9	Remote Sensing Big Data for Water Environment Monitoring: Current Status, Challenges, and Future Prospects. Earth's Future, 2022, 10, .	6.3	47
10	Age and growth of longfinned eels (Anguilla dieffenbachii) in pastoral and forested streams in the Waikato River basin, and in two hydroelectric lakes in the North Island, New Zealand. New Zealand Journal of Marine and Freshwater Research, 1993, 27, 317-332.	2.0	44
11	Carbon and nitrogen stable isotope ratios can estimate anionic polyacrylamide degradation in soil. Geoderma, 2008, 145, 8-16.	5.1	44
12	Hindcasting water clarity from Landsat satellite images of unmonitored shallow lakes in the Waikato region, New Zealand. Environmental Monitoring and Assessment, 2013, 185, 7245-7261.	2.7	41
13	Spatial and temporal patterns of carbon flow in a temperate, large river food web. Hydrobiologia, 2014, 729, 107-131.	2.0	41
14	Land use, associated eel production, and abundance of fish and crayfish in streams in Waikato, New Zealand. New Zealand Journal of Marine and Freshwater Research, 1997, 31, 635-650.	2.0	38
15	Carbon Sources Supporting Large River Food Webs: A Review of Ecological Theories and Evidence from Stable Isotopes. Freshwater Reviews: A Journal of the Freshwater Biological Association, 2012, 5, 85-103.	1.0	38
16	Growth and population dynamics of crayfishParanephrops planifronsin streams within native forest and pastoral land uses. New Zealand Journal of Marine and Freshwater Research, 2002, 36, 847-862.	2.0	35
17	Distinct migratory and non-migratory ecotypes of an endemic New Zealand eleotrid (Gobiomorphus) Tj ETQq1 1 0.784314 rgBT /Over Biology, 2008, 8, 49.	3.2	34
18	Water temperature and upstream migration of glass eels in New Zealand: implications of climate change. Environmental Biology of Fishes, 2007, 81, 195-205.	1.0	32

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19	Attraction of migratory inanga(Galaxias maculatus)and koaro(Galaxias brevipinnis)juveniles to adult galaxiid odours. New Zealand Journal of Marine and Freshwater Research, 2003, 37, 291-299.	2.0	31
20	Rock Type and Channel Gradient Structure Salmonid Populations in the Oregon Coast Range. Transactions of the American Fisheries Society, 2003, 132, 468-482.	1.4	29
21	Acoustic and radio-transmitter retention in common carp (Cyprinus carpio) in New Zealand. Marine and Freshwater Research, 2009, 60, 328.	1.3	25
22	Age composition, growth, and reproduction of koi carp(Cyprinus carpio)in the lower Waikato region, New Zealand. New Zealand Journal of Marine and Freshwater Research, 2006, 40, 571-583.	2.0	24
23	Isotopic fractionation in a large herbivorous insect, the Auckland tree weta. Journal of Insect Physiology, 2010, 56, 1877-1882.	2.0	23
24	A metabolic theory of ecology applied to temperature and mass dependence of N and P excretion by common carp. Hydrobiologia, 2013, 705, 135-145.	2.0	23
25	CUMULATIVE IMPACTS ASSESSMENT ALONG A LARGE RIVER, USING BROWN BULLHEAD CATFISH (AMEIURUS) Tj ETQq1 1 0.784314	4.3	19
26	Monitoring the Effects of Pulp and Paper Effluent Is Restricted in Genetically Distinct Populations of Common Bully (Gobiomorphuscotidianus). Environmental Science & Technology, 2007, 41, 2602-2608.	10.0	19
27	Variable littoralâ€pelagic coupling as a foodâ€web response to seasonal changes in pelagic primary production. Freshwater Biology, 2017, 62, 2008-2025.	2.4	19
28	Preliminary estimates of massâ€loss rates, changes in stable isotope composition, and invertebrate colonisation of evergreen and deciduous leaves in a Waikato, New Zealand, stream. New Zealand Journal of Marine and Freshwater Research, 1999, 33, 221-232.	2.0	18
29	Movements of Radio- and Acoustic-Tagged Adult Koi Carp in the Waikato River, New Zealand. North American Journal of Fisheries Management, 2011, 31, 352-362.	1.0	18
30	Fish exclosures versus intensive fishing to restore charophytes in a shallow New Zealand lake. Aquatic Conservation: Marine and Freshwater Ecosystems, 2006, 16, 193-202.	2.0	17
31	Feeding and nutrient excretion of the New Zealand freshwater mussel Echyridella menziesii (Hyriidae,) Tj ETQq1 1 0.784314 rgBT /Ov 79, 557-571.	1.5	17
32	Satellite remote sensing for mapping vegetation in New Zealand freshwater environments: A review. New Zealand Geographer, 2010, 66, 33-43.	0.9	15
33	Growth of rainbow trout (Oncorhynchus mykiss) in warm-temperate lakes: implications for environmental change. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 815-823.	1.4	13
34	The Effect of a Trapping Procedure on the Stress Response of Wild Rainbow Trout. North American Journal of Fisheries Management, 2002, 22, 907-916.	1.0	12
35	Distribution and abundance of fish and crayfish in a Waikato stream in relation to basin area. New Zealand Journal of Zoology, 2003, 30, 149-160.	1.1	12
36	Effects of turbidity and light intensity on foraging success of juvenile mandarin fish Siniperca chuatsi (Basilewsky). Environmental Biology of Fishes, 2013, 96, 995-1002.	1.0	12

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37	Development and validation of a quantitative PCR assay for the early detection and monitoring of the invasive diatom Didymosphenia geminata. Harmful Algae, 2014, 36, 63-70.	4.8	12
38	Predictions of establishment risk highlight biosurveillance priorities for invasive fish in New Zealand lakes. Freshwater Biology, 2016, 61, 1522-1535.	2.4	12
39	The effects of wood on stream habitat and native fish assemblages in <scp>N</scp>ew <scp>Z</scp>ealand. Ecology of Freshwater Fish, 2013, 22, 553-566.	1.4	11
40	Impacts of hatchery-reared mandarin fish Siniperca chuatsi stocking on wild fish community and water quality in a shallow Yangtze lake. Scientific Reports, 2018, 8, 11481.	3.3	11
41	Fish community responses to invasive fish removal and installation of an exclusion barrier at Lake Ohinewai, Waikato. New Zealand Journal of Marine and Freshwater Research, 2019, 53, 397-415.	2.0	11
42	Otolith microchemistry of koi carp in the Waikato region, New Zealand: a tool for identifying recruitment locations?. Inland Waters, 2012, 2, 109-118.	2.2	10
43	Design features of constructed floodplain ponds influence waterbird and fish communities in northern New Zealand. Freshwater Biology, 2020, 65, 2066-2080.	2.4	9
44	Sustainable management of freshwater crayfish (kÅ•ura, Paranephrops planifrons) in Te Arawa (Rotorua) lakes, North Island, New Zealand. Fisheries Research, 2015, 168, 35-46.	1.7	8
45	Seasonal abundance of small cladocerans in Lake Mangakaware, Waikato, New Zealand. New Zealand Journal of Marine and Freshwater Research, 1999, 33, 399-415.	2.0	7
46	Movement, social cohesion and site fidelity in adult koi carp, Cyprinus carpio. Fisheries Management and Ecology, 2009, 16, 169-176.	2.0	7
47	Stable isotope and molecular analyses indicate that hybridization with non-native domesticated common carp influence habitat use of native carp. Oikos, 2010, 119, 964-971.	2.7	7
48	Does hatchery-reared Siniperca chuatsi (Actinopterygii, Perciformes) compete significantly with two wild Siniperca populations for diets in a shallow lake?. Hydrobiologia, 2014, 741, 125-138.	2.0	7
49	Evaluation of a traditional MÄ•ori harvesting method for sampling kÅ•ura (freshwater) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26 two New Zealand streams. New Zealand Journal of Marine and Freshwater Research, 2018, 52, 603-625.	2.0	6
50	Otolith microchemistry and acoustic telemetry reveal anadromy in non-native rainbow trout (Oncorhynchus mykiss) in Prince Edward Island, Canada. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 1117-1130.	1.4	6
51	Manipulation of fish community structure effectively restores submerged aquatic vegetation in a shallow subtropical lake. Environmental Pollution, 2022, 292, 118459.	7.5	6
52	Introducing contrast and luminance normalisation to improve the quality of subtractive resolution merge technique. International Journal of Image and Data Fusion, 2013, 4, 230-251.	1.7	5
53	Alternative solutions for determining the spectral band weights for the subtractive resolution merge technique. International Journal of Image and Data Fusion, 2013, 4, 105-125.	1.7	5
54	Matrixâ€based Fertilizers Reduce Nutrient and Bacterial Leaching after Manure Application in a Greenhouse Column Study. Journal of Environmental Quality, 2010, 39, 384-392.	2.0	4

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55	Diet of rainbow trout in Lake Rotoiti: an energetic perspective. New Zealand Journal of Marine and Freshwater Research, 2012, 46, 557-565.	2.0	3
56	A bioenergetic assessment of the influence of stocking practices on rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	3
57	The palatability of flavoured novel floating pellets made with brewer's spent grain to captive carp. New Zealand Journal of Zoology, 2013, 40, 170-174.	1.1	3
58	Neutral effects of turbidity across a gradient of vegetation density on the predation of juvenile mandarin fish (Siniperca chuatsi). International Review of Hydrobiology, 2019, 104, 99-105.	0.9	3
59	Debris dams as habitat for aquatic invertebrates in forested headwater streams: a large-scale field experiment. Marine and Freshwater Research, 2019, 70, 734.	1.3	3
60	Conservation of freshwater eels in foodâ€web studies: Nonâ€lethal stable isotope analyses substitute fin for muscle tissue with lipid correction. Ecology of Freshwater Fish, 2022, 31, 515-528.	1.4	3
61	Acetylene reduction associated withZostera novazelandicaSetch. andSpartina alternifloraLoisel., in Whangateau Harbour, North Island, New Zealand. New Zealand Journal of Marine and Freshwater Research, 1990, 24, 481-486.	2.0	2
62	The Lifetime Migratory History of Anadromous Brook Trout (Salvelinus fontinalis): Insights and Risks from Pesticide-Induced Fish Kills. Fishes, 2022, 7, 109.	1.7	2
63	Effects of point source discharges on common bully (Gobiomorphus cotidianus) along the Waikato River, New Zealand. New Zealand Journal of Marine and Freshwater Research, 2022, 56, 150-166.	2.0	1