

M Jake Vander Zanden

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148
papers

12,757
citations

51
h-index

112
g-index

151
ext. papers

14,411
ext. citations

4
avg, IF

6.73
L-index

#	Paper	IF	Citations
148	Variation in $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ trophic fractionation: Implications for aquatic food web studies. <i>Limnology and Oceanography</i> , 2001 , 46, 2061-2066	4.8	1232
147	PRIMARY CONSUMER $\delta^{13}\text{C}$ AND $\delta^{15}\text{N}$ AND THE TROPHIC POSITION OF AQUATIC CONSUMERS. <i>Ecology</i> , 1999 , 80, 1395-1404	4.6	748
146	Stable isotope evidence for the food web consequences of species invasions in lakes. <i>Nature</i> , 1999 , 401, 464-467	50.4	608
145	State of the World's Freshwater Ecosystems: Physical, Chemical, and Biological Changes. <i>Annual Review of Environment and Resources</i> , 2011 , 36, 75-99	17.2	520
144	Comparing trophic position of freshwater fish calculated using stable nitrogen isotope ratios ($\delta^{15}\text{N}$) and literature dietary data. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1997 , 54, 1142-1158	2.4	485
143	FISHES AS INTEGRATORS OF BENTHIC AND PELAGIC FOOD WEBS IN LAKES. <i>Ecology</i> , 2002 , 83, 2152-2164	4.6	445
142	From Greenland to green lakes: Cultural eutrophication and the loss of benthic pathways in lakes. <i>Limnology and Oceanography</i> , 2003 , 48, 1408-1418	4.8	416
141	Putting the Lake Back Together: Reintegrating Benthic Pathways into Lake Food Web Models. <i>BioScience</i> , 2002 , 52, 44	5.7	379
140	Dam invaders: impoundments facilitate biological invasions into freshwaters. <i>Frontiers in Ecology and the Environment</i> , 2008 , 6, 357-363	5.5	345
139	What a difference a species makes: a meta-analysis of dreissenid mussel impacts on freshwater ecosystems. <i>Ecological Monographs</i> , 2010 , 80, 179-196	9	328
138	Twenty years of invasion: a review of round goby <i>Neogobius melanostomus</i> biology, spread and ecological implications. <i>Journal of Fish Biology</i> , 2012 , 80, 235-85	1.9	309
137	Stable isotope turnover and half-life in animal tissues: a literature synthesis. <i>PLoS ONE</i> , 2015 , 10, e0116187	3.7	280
136	A Trophic Position Model of Pelagic Food Webs: Impact on Contaminant Bioaccumulation in Lake Trout. <i>Ecological Monographs</i> , 1996 , 66, 451-477	9	268
135	Small fish, big fish, red fish, blue fish: size-biased extinction risk of the world's freshwater and marine fishes. <i>Global Ecology and Biogeography</i> , 2007 , 16, 694-701	6.1	251
134	Patterns of Food Chain Length in Lakes: A Stable Isotope Study. <i>American Naturalist</i> , 1999 , 154, 406-416	3.7	242
133	Invasive species triggers a massive loss of ecosystem services through a trophic cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 4081-5	11.5	238
132	Do Reservoirs Facilitate Invasions into Landscapes?. <i>BioScience</i> , 2005 , 55, 518	5.7	219

131	A management framework for preventing the secondary spread of aquatic invasive species. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008 , 65, 1512-1522	2.4	199
130	A synthesis of tissue-preservation effects on carbon and nitrogen stable isotope signatures. <i>Canadian Journal of Zoology</i> , 2002 , 80, 381-387	1.5	197
129	Global patterns of aquatic food chain length. <i>Oikos</i> , 2007 , 116, 1378-1388	4	175
128	Benthic algal production across lake size gradients: interactions among morphometry, nutrients, and light. <i>Ecology</i> , 2008 , 89, 2542-52	4.6	173
127	Flux of aquatic insect productivity to land: comparison of lentic and lotic ecosystems. <i>Ecology</i> , 2009 , 90, 2689-99	4.6	142
126	Borders of Biodiversity: Life at the Edge of the World's Large Lakes. <i>BioScience</i> , 2011 , 61, 526-537	5.7	132
125	Historical Food Web Structure and Restoration of Native Aquatic Communities in the Lake Tahoe (California-Nevada) Basin. <i>Ecosystems</i> , 2003 , 6, 274-288	3.9	132
124	A pound of prevention, plus a pound of cure: Early detection and eradication of invasive species in the Laurentian Great Lakes. <i>Journal of Great Lakes Research</i> , 2010 , 36, 199-205	3	130
123	Application of Stable Isotope Techniques to Trophic Studies of Age-0 Smallmouth Bass. <i>Transactions of the American Fisheries Society</i> , 1998 , 127, 729-739	1.7	129
122	Primary consumer stable nitrogen isotopes as indicators of nutrient source. <i>Environmental Science & Technology</i> , 2005 , 39, 7509-15	10.3	127
121	Ecosystem Linkages Between Lakes and the Surrounding Terrestrial Landscape in Northeast Iceland. <i>Ecosystems</i> , 2008 , 11, 764-774	3.9	124
120	Coupling long-term studies with meta-analysis to investigate impacts of non-native crayfish on zoobenthic communities. <i>Freshwater Biology</i> , 2006 , 51, 224-235	3.1	122
119	Within- and among-population variation in the trophic position of a pelagic predator, lake trout (<i>Salvelinus namaycush</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000 , 57, 725-731	2.4	120
118	Terrestrial, benthic, and pelagic resource use in lakes: results from a three-isotope Bayesian mixing model. <i>Ecology</i> , 2011 , 92, 1115-25	4.6	115
117	Efficiencies of benthic and pelagic trophic pathways in a subalpine lake. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006 , 63, 2608-2620	2.4	109
116	Quantitative approaches to the analysis of stable isotope food web data. <i>Ecology</i> , 2007 , 88, 2793-802	4.6	107
115	Rates and components of carbon turnover in fish muscle: insights from bioenergetics models and a whole-lake ¹³ C addition. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011 , 68, 387-399	2.4	106
114	PREDICTING OCCURRENCES AND IMPACTS OF SMALLMOUTH BASS INTRODUCTIONS IN NORTH TEMPERATE LAKES 2004 , 14, 132-148		106

113	Understanding Regional Change: A Comparison of Two Lake Districts. <i>BioScience</i> , 2007 , 57, 323-335	5.7	103
112	Interactions among invaders: community and ecosystem effects of multiple invasive species in an experimental aquatic system. <i>Oecologia</i> , 2009 , 159, 161-70	2.9	102
111	The rapid spread of rusty crayfish (<i>Orconectes rusticus</i>) with observations on native crayfish declines in Wisconsin (U.S.A.) over the past 130 years. <i>Biological Invasions</i> , 2006 , 8, 1621-1628	2.7	96
110	Intensive trapping and increased fish predation cause massive population decline of an invasive crayfish. <i>Freshwater Biology</i> , 2007 , 52, 1134-1146	3.1	89
109	Fish Reliance on Littoral Benthic Resources and the Distribution of Primary Production in Lakes. <i>Ecosystems</i> , 2011 , 14, 894-903	3.9	81
108	Fish predation and trapping for rusty crayfish (<i>Orconectes rusticus</i>) control: a whole-lake experiment. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006 , 63, 383-393	2.4	79
107	Effects of Multi-chain Omnivory on the Strength of Trophic Control in Lakes. <i>Ecosystems</i> , 2005 , 8, 682-693	3.9	64
106	Nitrogen stable isotopes in streams: effects of agricultural sources and transformations 2009 , 19, 1127-34		62
105	Is pelagic top-down control in lakes augmented by benthic energy pathways?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005 , 62, 1422-1431	2.4	58
104	Food web overlap among native axolotl (<i>Ambystoma mexicanum</i>) and two exotic fishes: carp (<i>Cyprinus carpio</i>) and tilapia (<i>Oreochromis niloticus</i>) in Xochimilco, Mexico City. <i>Biological Invasions</i> , 2010 , 12, 3061-3069	2.7	57
103	Defining a Safe Operating Space for inland recreational fisheries. <i>Fish and Fisheries</i> , 2017 , 18, 1150-1160		55
102	Food web consequences of long-term invasive crayfish control. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013 , 70, 1109-1122	2.4	53
101	The effects of cultural eutrophication on the coupling between pelagic primary producers and benthic consumers. <i>Limnology and Oceanography</i> , 2005 , 50, 1368-1376	4.8	52
100	Commonly rare and rarely common: comparing population abundance of invasive and native aquatic species. <i>PLoS ONE</i> , 2013 , 8, e77415	3.7	52
99	Quantifying aquatic insect deposition from lake to land. <i>Ecology</i> , 2015 , 96, 499-509	4.6	51
98	Landscape planning for agricultural nonpoint source pollution reduction III: assessing phosphorus and sediment reduction potential. <i>Environmental Management</i> , 2009 , 43, 69-83	3.1	51
97	Landscape planning for agricultural nonpoint source pollution reduction I: a geographical allocation framework. <i>Environmental Management</i> , 2008 , 42, 789-802	3.1	50
96	Predicting walleye recruitment as a tool for prioritizing management actions. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015 , 72, 661-672	2.4	48

95	Is there light after depth? Distribution of periphyton chlorophyll and productivity in lake littoral zones. <i>Freshwater Science</i> , 2014 , 33, 524-536	2	48
94	Invasion success and impact of an invasive fish, round goby, in Great Lakes tributaries. <i>Diversity and Distributions</i> , 2013 , 19, 184-198	5	47
93	Long distance migration and marine habitation in the tropical Asian catfish, <i>Pangasius krempfi</i> . <i>Journal of Fish Biology</i> , 2007 , 71, 818-832	1.9	46
92	Using bioenergetics and stable isotopes to assess the trophic role of rusty crayfish (<i>Orconectes rusticus</i>) in lake littoral zones. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006 , 63, 335-344	2.4	46
91	Forecasting the spread of invasive rainbow smelt in the Laurentian Great Lakes region of North America. <i>Conservation Biology</i> , 2006 , 20, 1740-9	6	46
90	Comparing climate change and species invasions as drivers of coldwater fish population extirpations. <i>PLoS ONE</i> , 2011 , 6, e22906	3.7	45
89	Forecasting the distribution of the invasive round goby (<i>Neogobius melanostomus</i>) in Wisconsin tributaries to Lake Michigan. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010 , 67, 553-562	2.4	45
88	Long-term food web change in Lake Superior. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009 , 66, 2118-2129	2.4	44
87	Evaluating recreational fisheries for an endangered species: a case study of taimen, <i>Hucho taimen</i> , in Mongolia. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009 , 66, 1707-1718	2.4	44
86	Stable isotope tracers: Enriching our perspectives and questions on sources, fates, rates, and pathways of major elements in aquatic systems. <i>Limnology and Oceanography</i> , 2019 , 64, 950-981	4.8	41
85	Regional-Level Inputs of Emergent Aquatic Insects from Water to Land. <i>Ecosystems</i> , 2013 , 16, 1353-1363	3.9	39
84	Experimental evidence that ecological effects of an invasive fish are reduced at high densities. <i>Oecologia</i> , 2014 , 175, 325-34	2.9	38
83	Effects of an invasive crayfish on trophic relationships in north-temperate lake food webs. <i>Freshwater Biology</i> , 2012 , 57, 10-23	3.1	38
82	Fishes as Integrators of Benthic and Pelagic Food Webs in Lakes. <i>Ecology</i> , 2002 , 83, 2152	4.6	37
81	The effect of dreissenid invasions on chlorophyll and the chlorophyll : total phosphorus ratio in north-temperate lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011 , 68, 319-329	2.4	36
80	Blowin in the wind: reciprocal airborne carbon fluxes between lakes and land This paper is based on the J.C. Stevenson Memorial Lecture presented at the Canadian Conference for Fisheries Research (CCFFR) in Ottawa, Ontario, 9-11 January 2009.. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011 , 68, 170-182	2.4	36
79	Grand challenges for research in the Laurentian Great Lakes. <i>Limnology and Oceanography</i> , 2017 , 62, 2510-2523	4.8	35
78	Distribution and community-level effects of the Chinese mystery snail (<i>Bellamya chinensis</i>) in northern Wisconsin lakes. <i>Biological Invasions</i> , 2010 , 12, 1591-1605	2.7	34

77	Terrestrial, benthic, and pelagic resource use in lakes: results from a three-isotope Bayesian mixing model 2011 , 92, 1115		34
76	Production dynamics reveal hidden overharvest of inland recreational fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24676-24681	11.5	33
75	Eroding productivity of walleye populations in northern Wisconsin lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018 , 75, 2291-2301	2.4	32
74	Are rapid transitions between invasive and native species caused by alternative stable states, and does it matter?. <i>Ecology</i> , 2013 , 94, 2207-19	4.6	32
73	Assessing ecosystem vulnerability to invasive rusty crayfish (<i>Orconectes rusticus</i>) 2011 , 21, 2587-99		32
72	The effects of impoundment and non-native species on a river food web in Mexico's central plateau. <i>River Research and Applications</i> , 2009 , 25, 1090-1108	2.3	30
71	Benthic and planktonic primary production along a nutrient gradient in Green Bay, Lake Michigan, USA. <i>Freshwater Science</i> , 2014 , 33, 487-498	2	29
70	Impact of rainbow smelt (<i>Osmerus mordax</i>) invasion on walleye (<i>Sander vitreus</i>) recruitment in Wisconsin lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007 , 64, 1543-1550	2.4	29
69	Comparing compound-specific and bulk stable nitrogen isotope trophic discrimination factors across multiple freshwater fish species and diets. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017 , 74, 1291-1297	2.4	27
68	The success of animal invaders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7055-6	11.5	27
67	Go big or don't? A field-based diet evaluation of freshwater piscivore and prey fish size relationships. <i>PLoS ONE</i> , 2018 , 13, e0194092	3.7	26
66	Taking the trophic bypass: aquatic-terrestrial linkage reduces methylmercury in a terrestrial food web 2015 , 25, 151-9		26
65	Potential for large-bodied zooplankton and dreissenids to alter the productivity and autotrophic structure of lakes. <i>Ecology</i> , 2014 , 95, 2257-67	4.6	26
64	Historical and contemporary trophic niche partitioning among Laurentian Great Lakes coregonines 2011 , 21, 888-96		26
63	Stable isotope variation of a highly heterogeneous shallow freshwater system. <i>Hydrobiologia</i> , 2010 , 646, 327-336	2.4	26
62	A whole-lake experiment to control invasive rainbow smelt (<i>Actinopterygii</i> , <i>Osmeridae</i>) via overharvest and a food web manipulation. <i>Hydrobiologia</i> , 2015 , 746, 433-444	2.4	24
61	Home range and seasonal movement of taimen, <i>Hucho taimen</i> , in Mongolia. <i>Ecology of Freshwater Fish</i> , 2010 , 19, 545-554	2.1	24
60	Divergent life histories of invasive round gobies (<i>Neogobius melanostomus</i>) in Lake Michigan and its tributaries. <i>Ecology of Freshwater Fish</i> , 2017 , 26, 563-574	2.1	23

59	Landscape planning for agricultural non-point source pollution reduction. II. Balancing watershed size, number of watersheds, and implementation effort. <i>Environmental Management</i> , 2009 , 43, 60-8	3.1	23
58	Estimating benthic invertebrate production in lakes: a comparison of methods and scaling from individual taxa to the whole-lake level. <i>Aquatic Sciences</i> , 2011 , 73, 153-169	2.5	22
57	Long-term changes in the fish assemblage of the Laja River, Guanajuato, central Mexico. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2006 , 16, 533-546	2.6	22
56	Production rates of walleye and their relationship to exploitation in Escanaba Lake, Wisconsin, 1965-2009. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015 , 72, 834-844	2.4	21
55	Spatial heterogeneity in invasive species impacts at the landscape scale. <i>Ecosphere</i> , 2016 , 7, e01311	3.1	21
54	Positive feedback between chironomids and algae creates net mutualism between benthic primary consumers and producers. <i>Ecology</i> , 2017 , 98, 447-455	4.6	21
53	Long-term variation in isotopic baselines and implications for estimating consumer trophic niches. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008 , 65, 2191-2200	2.4	21
52	Putting the lake back together 20 years later: what in the benthos have we learned about habitat linkages in lakes?. <i>Inland Waters</i> , 2020 , 10, 305-321	2.4	19
51	Implications of long-term dynamics of fish and zooplankton communities for among-lake comparisons. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006 , 63, 1812-1821	2.4	19
50	A Framework for Evaluating Heterogeneity and Landscape-Level Impacts of Non-native Aquatic Species. <i>Ecosystems</i> , 2017 , 20, 477-491	3.9	17
49	Behavioural and growth differences between experienced and naïve populations of a native crayfish in the presence of invasive rusty crayfish. <i>Freshwater Biology</i> , 2009 , 54, 1876-1887	3.1	17
48	Outbreak of an undetected invasive species triggered by a climate anomaly. <i>Ecosphere</i> , 2016 , 7, e01628	3.1	17
47	Long-term growth trends in northern Wisconsin walleye populations under changing biotic and abiotic conditions. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018 , 75, 733-745	2.4	16
46	Littoral-benthic primary production estimates: Sensitivity to simplifications with respect to periphyton productivity and basin morphometry. <i>Limnology and Oceanography: Methods</i> , 2016 , 14, 138-149	2.6	16
45	Invasive species research to meet the needs of resource management and planning. <i>Conservation Biology</i> , 2011 , 25, 867-72	6	15
44	Shorter food chain length in ancient lakes: evidence from a global synthesis. <i>PLoS ONE</i> , 2012 , 7, e37856	3.7	14
43	Using maximum entropy to predict the potential distribution of an invasive freshwater snail. <i>Freshwater Biology</i> , 2016 , 61, 457-471	3.1	14
42	Invasive invertebrate predator, <i>Bythotrephes longimanus</i> , reverses trophic cascade in a north-temperate lake. <i>Limnology and Oceanography</i> , 2017 , 62, 2498-2509	4.8	13

41	Application of eDNA as a tool for assessing fish population abundance. <i>Environmental DNA</i> , 2021 , 3, 83-91.6	1.6	13
40	The Invasion Ecology of Sleeper Populations: Prevalence, Persistence, and Abrupt Shifts. <i>BioScience</i> , 2021 , 71, 357-369	5.7	13
39	Historical niche partitioning and long-term trophic shifts in Laurentian Great Lakes deepwater coregonines. <i>Ecosphere</i> , 2018 , 9, e02080	3.1	12
38	Change in a lake benthic community over a century: evidence for alternative community states. <i>Hydrobiologia</i> , 2013 , 700, 287-300	2.4	12
37	Experimental mixing of a north-temperate lake: testing the thermal limits of a cold-water invasive fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015 , 72, 926-937	2.4	11
36	Modeling spawning dates of Hucho taimen in Mongolia to establish fishery management zones 2007 , 17, 2281-9		10
35	Food Web Theory and Ecological Restoration 2016 , 301-329		10
34	Blue Waters, Green Bottoms: Benthic Filamentous Algal Blooms Are an Emerging Threat to Clear Lakes Worldwide. <i>BioScience</i> , 2021 , 71, 1011-1027	5.7	10
33	Subsidies to predators, apparent competition and the phylogenetic structure of prey communities. <i>Oecologia</i> , 2013 , 173, 997-1007	2.9	9
32	Fishing for Food: Quantifying Recreational Fisheries Harvest in Wisconsin Lakes. <i>Fisheries</i> , 2020 , 45, 647-655	6.55	8
31	Scientific advances and adaptation strategies for Wisconsin lakes facing climate change. <i>Lake and Reservoir Management</i> , 2019 , 35, 364-381	1.3	8
30	Non-indigenous fishes and their role in freshwater fish imperilment 238-269		8
29	Using eDNA, sediment microfossils, and zooplankton nets to detect invasive spiny water flea (<i>Bythotrephes longimanus</i>). <i>Biological Invasions</i> , 2019 , 21, 377-389	2.7	8
28	Lake water level response to drought in a lake-rich region explained by lake and landscape characteristics. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020 , 77, 1836-1845	2.4	7
27	Detecting species at low densities: a new theoretical framework and an empirical test on an invasive zooplankton. <i>Ecosphere</i> , 2018 , 9, e02475	3.1	7
26	Representing calcification in distribution models for aquatic invasive species: surrogates perform as well as CaCO ₃ saturation state. <i>Hydrobiologia</i> , 2015 , 746, 197-208	2.4	6
25	Is the cure worse than the disease? Comparing the ecological effects of an invasive aquatic plant and the herbicide treatments used to control it. <i>Facets</i> , 2020 , 5, 353-366	2.3	6
24	The consistency of a species' response to press perturbations with high food web uncertainty. <i>Ecology</i> , 2017 , 98, 1859-1868	4.6	5

23	The effects of experimental whole-lake mixing on horizontal spatial patterns of fish and Zooplankton. <i>Aquatic Sciences</i> , 2017 , 79, 543-556	2.5	5
22	Whole-lake invasive crayfish removal and qualitative modeling reveal habitat-specific food web topology. <i>Ecosphere</i> , 2017 , 8, e01647	3.1	4
21	Resilience: insights from the U.S. LongTerm Ecological Research Network. <i>Ecosphere</i> , 2021 , 12, e03434	3.1	4
20	Climate and food web effects on the spring clear-water phase in two north-temperate eutrophic lakes. <i>Limnology and Oceanography</i> , 2021 , 66, 30-46	4.8	4
19	Variation in Bluegill Catch Rates and Total Length Distributions among Four Sampling Gears Used in Two Wisconsin Lakes Dominated by Small Fish. <i>North American Journal of Fisheries Management</i> , 2019 , 39, 714-724	1.1	3
18	Modeling a cross-ecosystem subsidy: forest songbird response to emergent aquatic insects. <i>Landscape Ecology</i> , 2020 , 35, 1587-1604	4.3	3
17	Uncoupling indicators of water quality due to the invasive zooplankter, <i>Bythotrephes longimanus</i> . <i>Limnology and Oceanography</i> , 2018 , 63, 1313-1327	4.8	3
16	Depth-specific variation in carbon isotopes demonstrates resource partitioning among the littoral zoobenthos. <i>Freshwater Biology</i> , 2013 , 58, n/a-n/a	3.1	3
15	PRIMARY CONSUMER $\delta^{13}C$ AND $\delta^{15}N$ AND THE TROPHIC POSITION OF AQUATIC CONSUMERS 1999 , 80, 1395		3
14	Hydroacoustic Surveys Underestimate Yellow Perch Population Abundance: The Importance of Considering Habitat Use. <i>North American Journal of Fisheries Management</i> , 2021 , 41, 1079-1087	1.1	3
13	Environmental DNA metabarcoding as a tool for biodiversity assessment and monitoring: reconstructing established fish communities of north-temperate lakes and rivers. <i>Diversity and Distributions</i> , 2021 , 27, 1966-1980	5	3
12	Spatial and temporal patterns in native and invasive crayfishes during a 19-year whole-lake invasive crayfish removal experiment. <i>Freshwater Biology</i> , 2021 , 66, 2105	3.1	3
11	Resisting ecosystem transformation through an intensive whole-lake fish removal experiment. <i>Fisheries Management and Ecology</i> ,	1.8	3
10	Invasive species early detection and eradication: A response to Horns (2011). <i>Journal of Great Lakes Research</i> , 2011 , 37, 595-596	3	2
9	Comparing energetic and dynamic descriptions of a single food web linkage. <i>Oikos</i> , 2011 , 120, 194-199	4	2
8	Comparing models using air and water temperature to forecast an aquatic invasive species response to climate change. <i>Ecosphere</i> , 2020 , 11, e03137	3.1	2
7	Prioritizing Management of Non-Native Eurasian Watermilfoil Using Species Occurrence and Abundance Predictions. <i>Diversity</i> , 2020 , 12, 394	2.5	1
6	Evaluating the Gradual Entrainment Lake Inverter (GELI) artificial mixing technology for lake and reservoir management. <i>Lake and Reservoir Management</i> , 2018 , 34, 232-243	1.3	1

5	A pound of prevention, plus a pound of cure: Early detection and eradication of invasive species in the Laurentian Great Lakes. <i>Journal of Great Lakes Research</i> , 2010 , 36, 199-205	3	1
4	Applying Panarchy Theory to Aquatic Invasive Species Management: A Case Study on Invasive Rainbow Smelt <i>Osmerus mordax</i> . <i>Reviews in Fisheries Science and Aquaculture</i> , 1-20	8.3	1
3	Early changes in the benthic community of a eutrophic lake following zebra mussel (<i>Dreissena polymorpha</i>) invasion. <i>Inland Waters</i> , 1-19	2.4	0
2	Is That Minnow in Your Bait Bucket an Invasive Species? An Inquiry-Based Activity for Teaching Taxonomy in College-Level Courses. <i>American Biology Teacher</i> , 2021 , 83, 240-246	0.3	
1	Lake Food Webs 2021 ,		