

M Jake Vander Zanden

List of Publications by Year in descending order

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Version: 2024-02-01

150
papers

16,298
citations

26630

56
h-index

16650

123
g-index

151
all docs

151
docs citations

151
times ranked

12152
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.1	1,506
2	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.	3.2	903
3	Stable isotope evidence for the food web consequences of species invasions in lakes. <i>Nature</i> , 1999, 401, 464-467.	27.8	729
4	State of the World's Freshwater Ecosystems: Physical, Chemical, and Biological Changes. <i>Annual Review of Environment and Resources</i> , 2011, 36, 75-99.	13.4	705
5	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.	1.4	573
6	FISHES AS INTEGRATORS OF BENTHIC AND PELAGIC FOOD WEBS IN LAKES. <i>Ecology</i> , 2002, 83, 2152-2161.	3.2	548
7	From Greenland to green lakes: Cultural eutrophication and the loss of benthic pathways in lakes. <i>Limnology and Oceanography</i> , 2003, 48, 1408-1418.	3.1	513
8	Putting the Lake Back Together: Reintegrating Benthic Pathways into Lake Food Web Models. <i>BioScience</i> , 2002, 52, 44.	4.9	466
9	Dam invaders: impoundments facilitate biological invasions into freshwaters. <i>Frontiers in Ecology and the Environment</i> , 2008, 6, 357-363.	4.0	457
10	What a difference a species makes: a meta-analysis of dreissenid mussel impacts on freshwater ecosystems. <i>Ecological Monographs</i> , 2010, 80, 179-196.	5.4	422
11	Stable Isotope Turnover and Half-Life in Animal Tissues: A Literature Synthesis. <i>PLoS ONE</i> , 2015, 10, e0116182.	2.5	412
12	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, 235-285.	1.6	407
13	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, 4081-4085.	7.1	361
14	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.	5.8	311
15	A Trophic Position Model of Pelagic Food Webs: Impact on Contaminant Bioaccumulation in Lake Trout. <i>Ecological Monographs</i> , 1996, 66, 451-477.	5.4	300
16	Do Reservoirs Facilitate Invasions into Landscapes?. <i>BioScience</i> , 2005, 55, 518.	4.9	281
17	Patterns of Food Chain Length in Lakes: A Stable Isotope Study. <i>American Naturalist</i> , 1999, 154, 406-416.	2.1	276
18	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.	1.4	273

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19	A synthesis of tissue-preservation effects on carbon and nitrogen stable isotope signatures. <i>Canadian Journal of Zoology</i> , 2002, 80, 381-387.	1.0	227
20	BENTHIC ALGAL PRODUCTION ACROSS LAKE SIZE GRADIENTS: INTERACTIONS AMONG MORPHOMETRY, NUTRIENTS, AND LIGHT. <i>Ecology</i> , 2008, 89, 2542-2552.	3.2	213
21	Global patterns of aquatic food chain length. <i>Oikos</i> , 2007, 116, 1378-1388.	2.7	212
22	Borders of Biodiversity: Life at the Edge of the World's Large Lakes. <i>BioScience</i> , 2011, 61, 526-537.	4.9	182
23	Historical Food Web Structure and Restoration of Native Aquatic Communities in the Lake Tahoe (California–Nevada) Basin. <i>Ecosystems</i> , 2003, 6, 274-288.	3.4	174
24	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.	1.9	161
25	Flux of aquatic insect productivity to land: comparison of lentic and lotic ecosystems. <i>Ecology</i> , 2009, 90, 2689-2699.	3.2	160
26	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.	2.4	146
27	Terrestrial, benthic, and pelagic resource use in lakes: results from a three-isotope Bayesian mixing model. <i>Ecology</i> , 2011, 92, 1115-1125.	3.2	146
28	Ecosystem Linkages Between Lakes and the Surrounding Terrestrial Landscape in Northeast Iceland. <i>Ecosystems</i> , 2008, 11, 764-774.	3.4	145
29	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.	1.4	143
30	Primary Consumer Stable Nitrogen Isotopes as Indicators of Nutrient Source. <i>Environmental Science & Technology</i> , 2005, 39, 7509-7515.	10.0	139
31	Interactions among invaders: community and ecosystem effects of multiple invasive species in an experimental aquatic system. <i>Oecologia</i> , 2009, 159, 161-170.	2.0	138
32	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.	1.4	129
33	Understanding Regional Change: A Comparison of Two Lake Districts. <i>BioScience</i> , 2007, 57, 323-335.	4.9	129
34	Efficiencies of benthic and pelagic trophic pathways in a subalpine lake. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 2608-2620.	1.4	127
35	PREDICTING OCCURRENCES AND IMPACTS OF SMALLMOUTH BASS INTRODUCTIONS IN NORTH TEMPERATE LAKES. , 2004, 14, 132-148.		126
36	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.	1.4	122

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37	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.	2.4	121
38	QUANTITATIVE APPROACHES TO THE ANALYSIS OF STABLE ISOTOPE FOOD WEB DATA. <i>Ecology</i> , 2007, 88, 2793-2802.	3.2	121
39	Intensive trapping and increased fish predation cause massive population decline of an invasive crayfish. <i>Freshwater Biology</i> , 2007, 52, 1134-1146.	2.4	112
40	Fish Reliance on Littoral Benthic Resources and the Distribution of Primary Production in Lakes. <i>Ecosystems</i> , 2011, 14, 894-903.	3.4	108
41	Defining a Safe Operating Space for inland recreational fisheries. <i>Fish and Fisheries</i> , 2017, 18, 1150-1160.	5.3	95
42	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.	1.4	93
43	Effects of Multi-chain Omnivory on the Strength of Trophic Control in Lakes. <i>Ecosystems</i> , 2005, 8, 682-693.	3.4	76
44	Nitrogen stable isotopes in streams: effects of agricultural sources and transformations. <i>Ecological Applications</i> , 2009, 19, 1127-1134.	3.8	76
45	Food web consequences of long-term invasive crayfish control. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 1109-1122.	1.4	75
46	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.	3.1	75
47	Quantifying aquatic insect deposition from lake to land. <i>Ecology</i> , 2015, 96, 499-509.	3.2	68
48	Food web overlap among native axolotl (<i>Ambystoma mexicanum</i>) and two exotic fishes: carp (<i>Cyprinus</i>) and bluegill (<i>Lepomis macrochirus</i>). <i>Ecology</i> , 2016, 97, 3061-3069.	2.4	67
49	Commonly Rare and Rarely Common: Comparing Population Abundance of Invasive and Native Aquatic Species. <i>PLoS ONE</i> , 2013, 8, e77415.	2.5	67
50	Predicting walleye recruitment as a tool for prioritizing management actions. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 661-672.	1.4	66
51	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.	7.1	65
52	Is there light after depth? Distribution of periphyton chlorophyll and productivity in lake littoral zones. <i>Freshwater Science</i> , 2014, 33, 524-536.	1.8	64
53	Invasion success and impact of an invasive fish, round goby, in Great Lakes tributaries. <i>Diversity and Distributions</i> , 2013, 19, 184-198.	4.1	63
54	The Invasion Ecology of Sleeper Populations: Prevalence, Persistence, and Abrupt Shifts. <i>BioScience</i> , 2021, 71, 357-369.	4.9	63

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55	The effects of cultural eutrophication on the coupling between pelagic primary producers and benthic consumers. <i>Limnology and Oceanography</i> , 2005, 50, 1368-1376.	3.1	62
56	Landscape Planning for Agricultural Nonpoint Source Pollution Reduction III: Assessing Phosphorus and Sediment Reduction Potential. <i>Environmental Management</i> , 2009, 43, 69-83.	2.7	62
57	Comparing Climate Change and Species Invasions as Drivers of Coldwater Fish Population Extirpations. <i>PLoS ONE</i> , 2011, 6, e22906.	2.5	62
58	Application of eDNA as a tool for assessing fish population abundance. <i>Environmental DNA</i> , 2021, 3, 83-91.	5.8	62
59	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.	1.4	61
60	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.	1.4	56
61	Experimental evidence that ecological effects of an invasive fish are reduced at high densities. <i>Oecologia</i> , 2014, 175, 325-334.	2.0	56
62	Landscape Planning for Agricultural Nonpoint Source Pollution Reduction I: A Geographical Allocation Framework. <i>Environmental Management</i> , 2008, 42, 789-802.	2.7	55
63	Grand challenges for research in the Laurentian Great Lakes. <i>Limnology and Oceanography</i> , 2017, 62, 2510-2523.	3.1	55
64	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.	1.4	54
65	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.	2.5	54
66	Long-term food web change in Lake Superior. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 2118-2129.	1.4	53
67	Eroding productivity of walleye populations in northern Wisconsin lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 2291-2301.	1.4	53
68	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.	1.6	52
69	Forecasting the Spread of Invasive Rainbow Smelt in the Laurentian Great Lakes Region of North America. <i>Conservation Biology</i> , 2006, 20, 1740-1749.	4.7	51
70	Fishes as Integrators of Benthic and Pelagic Food Webs in Lakes. <i>Ecology</i> , 2002, 83, 2152.	3.2	50
71	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.	2.2	49
72	Using bioenergetics and stable isotopes to assess the trophic role of rusty crayfish (<i>Orconectes</i>)	1.4	47

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73	Effects of an invasive crayfish on trophic relationships in north-temperate lake food webs. <i>Freshwater Biology</i> , 2012, 57, 10-23.	2.4	47
74	Are rapid transitions between invasive and native species caused by alternative stable states, and does it matter?. <i>Ecology</i> , 2013, 94, 2207-2219.	3.2	47
75	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.	2.4	45
76	Regional-Level Inputs of Emergent Aquatic Insects from Water to Land. <i>Ecosystems</i> , 2013, 16, 1353-1363.	3.4	43
77	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.	1.4	42
78	Blue Waters, Green Bottoms: Benthic Filamentous Algal Blooms Are an Emerging Threat to Clear Lakes Worldwide. <i>BioScience</i> , 2021, 71, 1011-1027.	4.9	42
79	Assessing ecosystem vulnerability to invasive rusty crayfish (<i>Orconectes rusticus</i>). , 2011, 21, 2587-2599.		41
80	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.	1.4	40
81	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.	1.7	39
82	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.	1.4	39
83	Terrestrial, benthic, and pelagic resource use in lakes: results from a three-isotope Bayesian mixing model. <i>Ecology</i> , 2011, 92, 1115-1125.	3.2	37
84	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.	1.4	36
85	Benthic and planktonic primary production along a nutrient gradient in Green Bay, Lake Michigan, USA. <i>Freshwater Science</i> , 2014, 33, 487-498.	1.8	36
86	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.	1.4	35
87	Historical and contemporary trophic niche partitioning among Laurentian Great Lakes coregonines. , 2011, 21, 888-896.		34
88	The success of animal invaders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7055-7056.	7.1	32
89	Stable isotope variation of a highly heterogeneous shallow freshwater system. <i>Hydrobiologia</i> , 2010, 646, 327-336.	2.0	32
90	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.	2.0	30

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91	Home range and seasonal movement of taimen, <i>Hucho taimen</i> , in Mongolia. <i>Ecology of Freshwater Fish</i> , 2010, 19, 545-554.	1.4	30
92	Positive feedback between chironomids and algae creates net mutualism between benthic primary consumers and producers. <i>Ecology</i> , 2017, 98, 447-455.	3.2	30
93	Taking the trophic bypass: aquatic-terrestrial linkage reduces methylmercury in a terrestrial food web. <i>Ecological Applications</i> , 2015, 25, 151-159.	3.8	29
94	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.	2.0	29
95	Outbreak of an undetected invasive species triggered by a climate anomaly. <i>Ecosphere</i> , 2016, 7, e01628.	2.2	29
96	A Framework for Evaluating Heterogeneity and Landscape-Level Impacts of Non-native Aquatic Species. <i>Ecosystems</i> , 2017, 20, 477-491.	3.4	29
97	Invasive invertebrate predator, <i>Bythotrephes longimanus</i> , reverses trophic cascade in a north-temperate lake. <i>Limnology and Oceanography</i> , 2017, 62, 2498-2509.	3.1	29
98	Potential for large-bodied zooplankton and dreissenids to alter the productivity and autotrophic structure of lakes. <i>Ecology</i> , 2014, 95, 2257-2267.	3.2	28
99	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, 60-68.	2.7	27
100	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.	1.5	27
101	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.	2.0	27
102	Spatial heterogeneity in invasive species impacts at the landscape scale. <i>Ecosphere</i> , 2016, 7, e01311.	2.2	26
103	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.	1.4	26
104	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.	1.4	24
105	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.	1.4	23
106	Scientific advances and adaptation strategies for Wisconsin lakes facing climate change. <i>Lake and Reservoir Management</i> , 2019, 35, 364-381.	1.3	22
107	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.	1.4	21
108	Historical niche partitioning and long-term trophic shifts in Laurentian Great Lakes deepwater coregonines. <i>Ecosphere</i> , 2018, 9, e02080.	2.2	21

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109	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.	2.4	19
110	Invasive Species Research to Meet the Needs of Resource Management and Planning. <i>Conservation Biology</i> , 2011, 25, 867-872.	4.7	18
111	Using maximum entropy to predict the potential distribution of an invasive freshwater snail. <i>Freshwater Biology</i> , 2016, 61, 457-471.	2.4	18
112	Fishing for Food: Quantifying Recreational Fisheries Harvest in Wisconsin Lakes. <i>Fisheries</i> , 2020, 45, 647-655.	0.8	18
113	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.	3.1	17
114	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.	4.1	17
115	Depth-specific variation in carbon isotopes demonstrates resource partitioning among the littoral zoobenthos. <i>Freshwater Biology</i> , 2013, 58, 2389-2400.	2.4	16
116	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.	2.4	15
117	Change in a lake benthic community over a century: evidence for alternative community states. <i>Hydrobiologia</i> , 2013, 700, 287-300.	2.0	14
118	Shorter Food Chain Length in Ancient Lakes: Evidence from a Global Synthesis. <i>PLoS ONE</i> , 2012, 7, e37856.	2.5	14
119	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.	1.4	13
120	Food Web Theory and Ecological Restoration. , 2016, , 301-329.		13
121	MODELING SPAWNING DATES OF HUCHO TAIMEN IN MONGOLIA TO ESTABLISH FISHERY MANAGEMENT ZONES. , 2007, 17, 2281-2289.		12
122	Subsidies to predators, apparent competition and the phylogenetic structure of prey communities. <i>Oecologia</i> , 2013, 173, 997-1007.	2.0	12
123	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.	1.4	12
124	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.	2.4	12
125	Detecting species at low densities: a new theoretical framework and an empirical test on an invasive zooplankton. <i>Ecosphere</i> , 2018, 9, e02475.	2.2	11
126	Resilience: insights from the U.S. Long-Term Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03434.	2.2	11

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127	Resisting ecosystem transformation through an intensive whole-lake fish removal experiment. <i>Fisheries Management and Ecology</i> , 0, , .	2.0	11
128	Non-indigenous fishes and their role in freshwater fish imperilment. , 2015, , 238-269.		10
129	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, 2105-2117.	2.4	9
130	The consistency of a species's response to press perturbations with high food web uncertainty. <i>Ecology</i> , 2017, 98, 1859-1868.	3.2	8
131	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.	1.0	8
132	Early changes in the benthic community of a eutrophic lake following zebra mussel (<i>Dreissena</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	8
133	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> , 2023, 31, 66-85.	9.1	8
134	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.	2.0	7
135	The effects of experimental whole-lake mixing on horizontal spatial patterns of fish and Zooplankton. <i>Aquatic Sciences</i> , 2017, 79, 543-556.	1.5	7
136	Uncoupling indicators of water quality due to the invasive zooplankter, <i>Bythotrephes longimanus</i> . <i>Limnology and Oceanography</i> , 2018, 63, 1313-1327.	3.1	7
137	Modeling a cross-ecosystem subsidy: forest songbird response to emergent aquatic insects. <i>Landscape Ecology</i> , 2020, 35, 1587-1604.	4.2	7
138	Whole-lake invasive crayfish removal and qualitative modeling reveal habitat-specific food web topology. <i>Ecosphere</i> , 2017, 8, e01647.	2.2	6
139	Comparing models using air and water temperature to forecast an aquatic invasive species response to climate change. <i>Ecosphere</i> , 2020, 11, e03137.	2.2	6
140	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.	1.9	6
141	Rise of a native apex predator and an invasive zooplankton cause successive ecological regime shifts in a North Temperate Lake. <i>Limnology and Oceanography</i> , 2022, 67, .	3.1	6
142	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.	1.0	5
143	PRIMARY CONSUMER $\delta^{13}C$ AND $\delta^{15}N$ AND THE TROPHIC POSITION OF AQUATIC CONSUMERS. , 1999, 80, 1395.		4
144	Comparing energetic and dynamic descriptions of a single food web linkage. <i>Oikos</i> , 2011, 120, 194-199.	2.7	3

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145	Invasive species early detection and eradication: A response to Horns (2011). <i>Journal of Great Lakes Research</i> , 2011, 37, 595-596.	1.9	2
146	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
147	Prioritizing Management of Non-Native Eurasian Watermilfoil Using Species Occurrence and Abundance Predictions. <i>Diversity</i> , 2020, 12, 394.	1.7	1
148	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.	0.2	1
149	Steve Carpenter Makes the Move to "Free-Range Scientist". <i>Limnology and Oceanography Bulletin</i> , 2018, 27, 23-24.	0.4	0
150	Lake Food Webs. , 2021, , .		0