Jason D Stockwell

List of Publications by Year
in descending order

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79	2,622	172207	214527
papers	citations	29	47
		h-index	g-index

85	85	85	2386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ice cover and thaw events influence nitrogen partitioning and concentration in two shallow eutrophic lakes. Biogeochemistry, 2022, 157, 15-29.	1.7	9
2	A global agenda for advancing freshwater biodiversity research. Ecology Letters, 2022, 25, 255-263.	3.0	95
3	Winter severity shapes spring plankton succession in a small, eutrophic lake. Hydrobiologia, 2022, 849, 2127-2144.	1.0	7
4	Effects of warming winter embryo incubation temperatures on larval cisco (Coregonus artedi) survival, growth, and critical thermal maximum. Journal of Great Lakes Research, 2022, 48, 1042-1049.	0.8	1
5	Underâ€ice mesocosms reveal the primacy of light but the importance of zooplankton in winter phytoplankton dynamics. Limnology and Oceanography, 2021, 66, 481-495.	1.6	21
6	Virtual Growing Pains: Initial Lessons Learned from Organizing Virtual Workshops, Summits, Conferences, and Networking Events during a Global Pandemic. Limnology and Oceanography Bulletin, 2021, 30, 1-11.	0.2	9
7	The extent and variability of stormâ€induced temperature changes in lakes measured with longâ€term and highâ€frequency data. Limnology and Oceanography, 2021, 66, 1979-1992.	1.6	10
8	Influence of warming temperatures on coregonine embryogenesis within and among species. Hydrobiologia, 2021, 848, 4363-4385.	1.0	11
9	Earlier winter/spring runoff and snowmelt during warmer winters lead to lower summer chlorophyllâ€a in north temperate lakes. Global Change Biology, 2021, 27, 4615-4629.	4.2	22
10	Rainbow smelt population responses to species invasions and change in environmental condition. Journal of Great Lakes Research, 2021, 47, 1171-1181.	0.8	3
11	Phytoplankton and cyanobacteria abundances in midâ€21st century lakes depend strongly on future land use and climate projections. Global Change Biology, 2021, 27, 6409-6422.	4.2	27
12	Shining a light on Laurentian Great Lakes cisco (Coregonus artedi): How ice coverage may impact embryonic developmentâ˜†. Journal of Great Lakes Research, 2021, 47, 1410-1418.	0.8	3
13	Genomics reveals identity, phenology and population demographics of larval ciscoes (Coregonus) Tj ETQq1 1 0.784314 rgBT /Overloc 47, 1849-1857.	0.8	6
14	Benthic habitat is an integral part of freshwater Mysis ecology. Freshwater Biology, 2020, 65, 1997-2009.	1.2	10
15	Differential lipid dynamics in stocked and wild juvenile lake trout. Journal of Great Lakes Research, 2020, 46, 376-381.	0.8	5
16	Larval Coregonus spp. diets and zooplankton community patterns in the Apostle Islands, Lake Superior. Journal of Great Lakes Research, 2020, 46, 1391-1401.	0.8	8
17	Contributions of winter foraging to the annual growth of thermally dissimilar fish species. Hydrobiologia, 2020, 847, 4325-4341.	1.0	8
18	The freshwater mysid Mysis diluviana (Audzijonyte & VÃinÃ¶lÃ, 2005) (Mysida: Mysidae) consumes detritus in the presence of Daphnia (Cladocera: Daphniidae). Journal of Crustacean Biology, 2020, 40, 520-525.	0.3	2

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19	Storm impacts on phytoplankton community dynamics in lakes. Global Change Biology, 2020, 26, 2756-2784.	4.2	144
20	Should we be sampling zooplankton at night?. Limnology and Oceanography Letters, 2020, 5, 313-321.	1.6	16
21	Diel feeding behavior in a partially migrant Mysis population: A benthic-pelagic comparison. Food Webs, 2019, 20, e00117.	0.5	6
22	Calanoid copepod zooplankton density is positively associated with water residence time across the continental United States. PLoS ONE, 2019, 14, e0209567.	1.1	10
23	Comparison of FlowCAM and microscope biovolume measurements for a diverse freshwater phytoplankton community. Journal of Plankton Research, 2019, 41, 849-864.	0.8	24
24	The unique methodological challenges of winter limnology. Limnology and Oceanography: Methods, 2019, 17, 42-57.	1.0	47
25	Evidence for a size-structured explanation of partial diel vertical migration in mysids. Journal of Plankton Research, 2018, 40, 66-76.	0.8	11
26	Lake Champlain offshore benthic invertebrate community before and after zebra mussel invasion. Journal of Great Lakes Research, 2018, 44, 283-288.	0.8	7
27	Patterns and drivers of deep chlorophyll maxima structure in 100 lakes: The relative importance of light and thermal stratification. Limnology and Oceanography, 2018, 63, 628-646.	1.6	119
28	An underwater video system to assess abundance and behavior of epibenthic Mysis. Limnology and Oceanography: Methods, 2018, 16, 868-880.	1.0	6
29	Reduced Phytoplankton and Zooplankton Diversity Associated with Increased Cyanobacteria in Lake Champlain, USA. Journal of Contemporary Water Research and Education, 2017, 160, 100-118.	0.7	27
30	Winter weather and lakeâ€watershed physical configuration drive phosphorus, iron, and manganese dynamics in water and sediment of iceâ€covered lakes. Limnology and Oceanography, 2017, 62, 1620-1635.	1.6	26
31	Lake trout (Salvelinus namaycush) spawning site use in Lake Champlain. Journal of Great Lakes Research, 2017, 43, 345-351.	0.8	18
32	Climate-driven changes in energy and mass inputs systematically alter nutrient concentration and stoichiometry in deep and shallow regions of Lake Champlain. Biogeochemistry, 2017, 133, 201-217.	1.7	44
33	Partial diel vertical migration in an omnivorous macroinvertebrate, Mysis diluviana. Hydrobiologia, 2017, 787, 387-396.	1.0	18
34	Ecology under lake ice. Ecology Letters, 2017, 20, 98-111.	3.0	320
35	Alteration of essential fatty acids in secondary consumers across a gradient of cyanobacteria. Hydrobiologia, 2017, 784, 155-170.	1.0	4
36	Walleye Foraging Ecology in an Interconnected Chain of Lakes Influenced by Nonnative Species. Transactions of the American Fisheries Society, 2016, 145, 319-333.	0.6	6

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37	Ten-fold decline in Mysis diluviana in Lake Champlain between 1975 and 2012. Journal of Great Lakes Research, 2015, 41, 502-509.	0.8	13
38	Effects of gut content on Î´15N, Î´13C and C:N of the macroinvertebrate Mysis diluviana. Journal of Great Lakes Research, 2015, 41, 926-929.	0.8	0
39	Impact of Fishing and Stocking Practices on Coregonid Diversity. Food and Nutrition Sciences (Print), 2015, 06, 1045-1055.	0.2	12
40	A new look at the Lake Superior biomass size spectrum. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 1324-1333.	0.7	32
41	Habitat coupling in a large lake system: delivery of an energy subsidy by an offshore planktivore to the nearshore zone of <scp>L</scp>ake <scp>S</scp>uperior. Freshwater Biology, 2014, 59, 1197-1212.	1.2	37
42	Migration model of postâ€smolt <scp>A</scp>tlantic salmon (<scp>S</scp>almo salar) in the <scp>G</scp>ulf of <scp>M</scp>aine. Fisheries Oceanography, 2014, 23, 172-189.	0.9	13
43	Are the Laurentian Great Lakes great enough for Hjort?. ICES Journal of Marine Science, 2014, 71, 2242-2251.	1.2	13
44	Depth gradients in foodâ€web processes linking habitats in large lakes: <scp>L</scp>ake <scp>S</scp>uperior as an exemplar ecosystem. Freshwater Biology, 2014, 59, 2122-2136.	1.2	69
45	On the use of omnidirectional sonars and downwards-looking echosounders to assess pelagic fish distributions during and after midwater trawling. ICES Journal of Marine Science, 2013, 70, 196-203.	1.2	8
46	Application of Morphometric Analysis to Identify Alewife Stock Structure in the Gulf of Maine. Marine and Coastal Fisheries, 2013, 5, 11-20.	0.6	14
47	Habitat use by fishes of Lake Superior. I. Diel patterns of habitat use in nearshore and offshore waters of the Apostle Islands region. Aquatic Ecosystem Health and Management, 2012, 15, 333-354.	0.3	43
48	Habitat use by fishes of Lake Superior. II. Consequences of diel habitat use for habitat linkages and habitat coupling in nearshore and offshore waters. Aquatic Ecosystem Health and Management, 2012, 15, 355-368.	0.3	23
49	Prey selection by the Lake Superior fish community. Journal of Great Lakes Research, 2012, 38, 326-335.	0.8	32
50	Trophic connections in Lake Superior Part I: The offshore fish community. Journal of Great Lakes Research, 2011, 37, 541-549.	0.8	73
51	Trophic connections in Lake Superior Part II: The nearshore fish community. Journal of Great Lakes Research, 2011, 37, 550-560.	0.8	61
52	Seasonally Dynamic Diel Vertical Migrations ofMysis diluviana, Coregonine Fishes, and Siscowet Lake Trout in the Pelagia of Western Lake Superior. Transactions of the American Fisheries Society, 2011, 140, 1504-1520.	0.6	55
53	Challenges to Lake Superior's condition, assessment, and management: A few observations across a generation of change. Aquatic Ecosystem Health and Management, 2011, 14, 332-344.	0.3	12
54	Empirical evaluation of predator-driven diel vertical migration in Lake Superior. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 473-485.	0.7	58

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55	Reassessment of the Predatory Effects of Rainbow Smelt on Ciscoes in Lake Superior. Transactions of the American Fisheries Society, 2009, 138, 1352-1368.	0.6	32
56	Linking fish population dynamics to habitat conditions: insights from the application of a process-oriented approach to several Great Lakes species. Reviews in Fish Biology and Fisheries, 2009, 19, 295-312.	2.4	34
57	A Synthesis of Cisco Recovery in Lake Superior: Implications for Native Fish Rehabilitation in the Laurentian Great Lakes. North American Journal of Fisheries Management, 2009, 29, 626-652.	0.5	78
58	Evaluating Sampling Strategies for Larval Cisco (Coregonus artedi). Journal of Great Lakes Research, 2008, 34, 245-252.	0.8	8
59	How Systematic Age Underestimation Can Impede Understanding of Fish Population Dynamics: Lessons Learned from a Lake Superior Cisco Stock. Transactions of the American Fisheries Society, 2008, 137, 481-495.	0.6	68
60	Factors Affecting Bottom Trawl Catches: Implications for Monitoring the Fishes of Lake Superior. North American Journal of Fisheries Management, 2008, 28, 109-122.	0.5	33
61	Adverse Effects of Alewives on Laurentian Great Lakes Fish Communities. North American Journal of Fisheries Management, 2008, 28, 263-282.	0.5	127
62	Using Multiple Gears to Assess Acoustic Detectability and Biomass of Fish Species in Lake Superior. North American Journal of Fisheries Management, 2007, 27, 106-126.	0.5	53
63	Vertical Distribution of Fish Biomass in Lake Superior: Implications for Day Bottom Trawl Surveys. North American Journal of Fisheries Management, 2007, 27, 735-749.	0.5	29
64	Evaluation of Methods to Estimate Lake Herring Spawner Abundance in Lake Superior. Transactions of the American Fisheries Society, 2006, 135, 680-694.	0.6	26
65	Evaluation of Bottom Trawls as Compared to Acoustics to Assess Adult Lake Herring (Coregonus) Tj ETQq1 1 0.784314 rgBT /Overloc	0.8	47
66	Hydroacoustic Estimation of Zooplankton Biomass at Two Shoal Complexes in the Apostle Islands Region of Lake Superior. Journal of Great Lakes Research, 2006, 32, 680.	0.8	12
67	Forecasting effects of climate change on Great Lakes fisheries: models that link habitat supply to population dynamics can help. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 457-468.	0.7	58
68	Euthanasia of neonatal mice with carbon dioxide. Comparative Medicine, 2005, 55, 275-81.	0.4	29
69	Effects of housing density and cage floor space on C57BL/6J mice. Comparative Medicine, 2004, 54, 656-63.	0.4	40
70	Does the value of newly accessible spawning habitat for walleye (Stizostedion vitreum) depend on its location relative to nursery habitats?. Canadian Journal of Fisheries and Aquatic Sciences, 2003, 60, 1527-1538.	0.7	40
71	Reducing exposure to laboratory animal allergens. Comparative Medicine, 2003, 53, 487-92.	0.4	23
72	Tracking Trophic Interactions in Coldwater Reservoirs Using Naturally Occurring Stable Isotopes. Transactions of the American Fisheries Society, 2002, 131, 1-13.	0.6	33

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73	Spatial Structure and the Estimation of Zooplankton Biomass in Lake Erie. Journal of Great Lakes Research, 2002, 28, 362-378.	0.8	10
74	Changes in Gill Raker Morphology for Three Age Classes of Kokanee. Journal of Freshwater Ecology, 2001, 16, 67-72.	0.5	5
75	Kokanee Foraging: ADaphniain the StomachIs Worth Two in the Lake. Transactions of the American Fisheries Society, 1999, 128, 169-174.	0.6	14
76	Field evaluation of a bioenergetics-based foraging model for kokanee (Oncorhynchus nerka). Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 140-151.	0.7	40
77	Refinement and calibration of a bioenergetics-based foraging model for kokanee (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Overloc	0.7	40
78	A Rapid Assessment Procedure for the Enumeration of Salmonine Populations in Streams. North American Journal of Fisheries Management, 1995, 15, 551-562.	0.5	59
79	A day in the life of winter plankton: under-ice community dynamics during 24Âh in a eutrophic lake. Journal of Plankton Research, 0, , .	0.8	2