Heidi K Swanson

List of Publications by Year
in descending order

50	1,223	516710	395702
papers	citations	16 h-index	33 g-index

51	51	51	1612
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new probabilistic method for quantifying nâ€dimensional ecological niches and niche overlap. Ecology, 2015, 96, 318-324.	3.2	306
2	Biomagnification of mercury through lake trout (Salvelinus namaycush) food webs of lakes with different physical, chemical and biological characteristics. Science of the Total Environment, 2012, 438, 135-143.	8.0	96
3	Towards reconciliation: 10 Calls to Action to natural scientists working in Canada. Facets, 2020, 5, 769-783.	2.4	85
4	Mercury in freshwater ecosystems of the Canadian Arctic: Recent advances on its cycling and fate. Science of the Total Environment, 2015, 509-510, 41-66.	8.0	64
5	Mercury Concentrations in Arctic Food Fishes Reflect the Presence of Anadromous Arctic Charr (Salvelinus alpinus), Species, and Life History. Environmental Science & Technology, 2010, 44, 3286-3292.	10.0	61
6	Anadromy in Arctic populations of lake trout (Salvelinus namaycush): otolith microchemistry, stable isotopes, and comparisons with Arctic char (Salvelinus alpinus). Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 842-853.	1.4	61
7	Differences in Mercury Bioaccumulation between Polar Bears (Ursus maritimus) from the Canadian high- and sub-Arctic. Environmental Science & Technology, 2011, 45, 5922-5928.	10.0	49
8	Mercury Bioaccumulation in Forage Fish Communities Invaded by Rainbow Smelt (Osmerus mordax). Environmental Science & Technology, 2006, 40, 1439-1446.	10.0	35
9	Comparison of mercury concentrations in landlocked, resident, and seaâ€run fish (Salvelinus) Tj ETQq1 1 0.784314 rgBT /Over	4.3	35
10	TEMPORAL CHANGES IN MERCURY BIOACCUMULATION BY PREDATORY FISHES OF BOREAL LAKES FOLLOWING THE INVASION OF AN EXOTIC FORAGE FISH. Environmental Toxicology and Chemistry, 2003, 22, 2057.	4.3	29
11	Quantifying importance of marine prey in the diets of two partially anadromous fishes. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 2020-2028.	1.4	27
12	Low Annual Fidelity and Early Upstream Migration of Anadromous Arctic Char in a Variable Environment. Transactions of the American Fisheries Society, 2016, 145, 931-942.	1.4	26
13	Effects of Partially Anadromous Arctic Charr (Salvelinus alpinus) Populations on Ecology of Coastal Arctic Lakes. Ecosystems, 2010, 13, 261-274.	3.4	25
14	Mercury and omega-3 fatty acid profiles in freshwater fish of the Dehcho Region, Northwest Territories: Informing risk benefit assessments. Science of the Total Environment, 2018, 637-638, 1508-1517.	8.0	25
15	Trophic variability of Arctic fishes in the Canadian Beaufort Sea: a fatty acids and stable isotopes approach. Polar Biology, 2016, 39, 1267-1282.	1.2	24
16	Associations between omega-3 fatty acids, selenium content, and mercury levels in wild-harvested fish from the Dehcho Region, Northwest Territories, Canada. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 18-31.	2.3	22
17	Feeding of Greenland halibut (Reinhardtius hippoglossoides) in the Canadian Beaufort Sea. Journal of Marine Systems, 2018, 183, 32-41.	2.1	17
18	Circumpolar patterns of Arctic freshwater fish biodiversity: A baseline for monitoring. Freshwater Biology, 2022, 67, 176-193.	2.4	17

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19	Diversity of diatoms, benthic macroinvertebrates, and fish varies in response to different environmental correlates in Arctic rivers across North America. Freshwater Biology, 2022, 67, 95-115.	2.4	15
20	Ecological Diversity. , 2021, , 69-117.		15
21	Design of a human biomonitoring community-based project in the Northwest Territories Mackenzie Valley, Canada, to investigate the links between nutrition, contaminants and country foods. International Journal of Circumpolar Health, 2018, 77, 1510714.	1.2	13
22	Seasonal variation in resource overlap of invasive and native fishes revealed by stable isotopes. Biological Invasions, 2019, 21, 315-321.	2.4	13
23	Fish growth rates and lake sulphate explain variation in mercury levels in ninespine stickleback (Pungitius pungitius) on the Arctic Coastal Plain of Alaska. Science of the Total Environment, 2020, 743, 140564.	8.0	13
24	Species and Life History Affect the Utility of Otolith Chemical Composition for Determining Natal Stream of Origin for Pacific Salmon. Transactions of the American Fisheries Society, 2013, 142, 1370-1380.	1.4	12
25	Screeningâ€level risk assessment of methylmercury for nonâ€anadromous Arctic char (Salvelinus) Tj ETQq1 1 0.784314 rgBT /Ove	4.3	11
26	Hair to blood mercury concentration ratios and a retrospective hair segmental mercury analysis in the Northwest Territories, Canada. Environmental Research, 2022, 203, 111800.	7.5	11
27	Long-distance anadromous migration in a fresh water specialist: the Lake Trout (<em>Salvelinus) Tj ETQq1 1 0.784314 rgBT /Ov	0.1	10
28	Spatiotemporal patterns in trophic niche overlap among five salmonines in Lake Michigan, USA. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 1059-1075.	1.4	10
29	Understanding among-lake variability of mercury concentrations in Northern Pike (Esox lucius): A whole-ecosystem study in subarctic lakes. Science of the Total Environment, 2022, 822, 153430.	8.0	10
30	Contributions and perspectives of Indigenous Peoples to the study of mercury in the Arctic. Science of the Total Environment, 2022, 841, 156566.	8.0	10
31	Optimal sampling methods for modelling the occupancy of Arctic grayling (Thymallus arcticus) in the Canadian Barrenlands. Canadian Journal of Fisheries and Aquatic Sciences, 2017, 74, 1564-1574.	1.4	9
32	Relationships between depth and Î´15N of Arctic benthos vary among regions and trophic functional groups. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 135, 56-64.	1.4	9
33	Gut contents from multiple morphs of lake trout (Salvelinus namaycush) at two offshore shoals in Lake Superior. Journal of Great Lakes Research, 2020, 46, 1382-1390.	1.9	7
34	Trophic Ecology. , 2021, , 287-314.		7
35	Overwintering ecology and movement of anadromous <scp>Arctic char</scp> (<scp>Salvelinus</scp> alpinus) in a large, iceâ€covered river in the <scp>Canadian Arctic</scp>. Journal of Fish Biology, 2022, 100, 1432-1446.	1.6	7
36	Dietary versus nondietary fatty acid profiles of lake trout ecotypes from Lake Superior and Great Bear Lake: Are fish really what they eat?. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 1209-1220.	1.4	5

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37	The Canadian Beaufort Shelf trophic structure: evaluating an ecosystem modelling approach by comparison with observed stable isotopic structure. Arctic Science, 0, , .	2.3	5
38	Catchments affect growth rate of Northern Pike, Esox lucius, in subarctic lakes. Aquatic Sciences, 2021, 83, 1.	1.5	4
39	The physical and chemical limnology of Yukonâ€™s largest lake, LhÃ¹â€™ÃÃn MÃ¢nâ€™ (Kluane Lake), prior to the 2016 â€˜Aâ€™Ä…Ìˆy ChÃ¹â€™ diversion. Arctic Science, 2021, 7, 655-678.	2.3	4
40	Anadromy and marine habitat use of Lake trout (Salvelinus namaycush) from the central Canadian Arctic. Journal of Fish Biology, 2020, 96, 1489-1494.	1.6	3
41	Dietary and non-dietary contributions to among-individual variation in carbon and nitrogen isotopic composition of lake trout. Ecological Indicators, 2021, 123, 107349.	6.3	3
42	Habitat area and environmental filters determine avian richness along an elevation gradient in mountain peatlands. Journal of Avian Biology, 2022, 2022, .	1.2	3
43	SCIENTISTS, ON SAVING SCIENCE. Limnology and Oceanography Bulletin, 2013, 22, 76-78.	0.4	2
44	A Bayesian mixing model framework for quantifying temporal variation in source of sediment to lakes across broad hydrological gradients of floodplains. Limnology and Oceanography: Methods, 2021, 19, 540-551.	2.0	2
45	A meta-collection of nitrogen stable isotope data measured in Arctic marine organisms from the Canadian Beaufort Sea, 1983â€“2013. BMC Research Notes, 2021, 14, 347.	1.4	2
46	Mercury accumulation in sediments of LhÃ¹â€™ÃÃn MÃ¢nÊ¼ (Kluane Lake, YT): Response to past hydrological change. Arctic, Antarctic, and Alpine Research, 2021, 53, 179-195.	1.1	1
47	The Effect of Anadromous Arctic Charr (Salvelinus alpinus) on Food Web Structure and Contaminant Concentrations in Coastal Arctic Lakes. Arctic, 2009, 60, .	0.4	1
48	Occupancy of young-of-year Arctic grayling (Thymallus arcticus) in Barrenland streams. Hydrobiologia, 0, , 1.	2.0	1
49	David W. Schindler (1940â€“2021): Trailblazing scientist and advocate for the environment. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2106365118.	7.1	0
50	David W. Schindler (1940â€“2021). Trends in Ecology and Evolution, 2021, 36, 665-667.	8.7	0