

Lisa L Loseto

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

2,813
citations

279798

23
h-index

189892

50
g-index

77
all docs

77
docs citations

77
times ranked

2945
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics in beluga whale (<i>Delphinapterus leucas</i>) prey: An exploratory assessment of trophic transfer in the Beaufort Sea. <i>Science of the Total Environment</i> , 2022, 806, 150201.	8.0	24
2	Year-Round Dive Characteristics of Male Beluga Whales From the Eastern Beaufort Sea Population Indicate Seasonal Shifts in Foraging Strategies. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	13
3	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring. <i>Science of the Total Environment</i> , 2022, 839, 155803.	8.0	15
4	Marine mammal hotspots across the circumpolar Arctic. <i>Diversity and Distributions</i> , 2022, 28, 2729-2753.	4.1	8
5	Investigating the dynamics of methylmercury bioaccumulation in the Beaufort Sea shelf food web: a modeling perspective. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1010-1025.	3.5	4
6	Contributions and perspectives of Indigenous Peoples to the study of mercury in the Arctic. <i>Science of the Total Environment</i> , 2022, 841, 156566.	8.0	10
7	Potential exposure of beluga and bowhead whales to underwater noise from ship traffic in the Beaufort and Chukchi Seas. <i>Ocean and Coastal Management</i> , 2021, 204, 105473.	4.4	18
8	Cod movement ecology in a warming world: Circumpolar arctic gadids. <i>Fish and Fisheries</i> , 2021, 22, 562-591.	5.3	6
9	New records of California serogroup viruses in <i>Aedes</i> mosquitoes and first detection in simulioidae flies from Northern Canada and Alaska. <i>Polar Biology</i> , 2021, 44, 1911-1915.	1.2	3
10	John (Jack) R. Orr 1956–2021. <i>Marine Mammal Science</i> , 2021, 37, 1576-1578.	1.8	0
11	Upriver sightings of beluga whales (<i>Delphinapterus leucas</i>) follow storm surges and high water in the Mackenzie Delta, Northwest Territories, Canada. <i>Arctic Science</i> , 2021, 7, 679-689.	2.3	4
12	A meta-collection of nitrogen stable isotope data measured in Arctic marine organisms from the Canadian Beaufort Sea, 1983–2013. <i>BMC Research Notes</i> , 2021, 14, 347.	1.4	2
13	Climate change impacts on sea-ice ecosystems and associated ecosystem services. <i>Elementa</i> , 2021, 9, .	3.2	26
14	Predation of archival tagged Dolly Varden, <i>Salvelinus malma</i> , reveals predator avoidance behaviour and tracks feeding events by presumed beluga whale, <i>Delphinapterus leucas</i> , in the Beaufort Sea. <i>Animal Biotelemetry</i> , 2021, 9, .	1.9	1
15	Estimating narwhal (<i>Monodon monoceros</i>) age using tooth layers and aspartic acid racemization of eye lens nuclei. <i>Marine Mammal Science</i> , 2020, 36, 103-115.	1.8	8
16	Oceanographic, ecological, and socio-economic impacts of an unusual summer storm in the Mackenzie Estuary. <i>Arctic Science</i> , 2020, 6, 62-76.	2.3	13
17	Microplastics in beluga whales (<i>Delphinapterus leucas</i>) from the Eastern Beaufort Sea. <i>Marine Pollution Bulletin</i> , 2020, 150, 110723.	5.0	129
18	Knowledge co-production and co-management of Arctic wildlife. <i>Arctic Science</i> , 2020, 6, 124-126.	2.3	6

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19	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
20	The summer soundscape of a shallow-water estuary used by beluga whales in the western Canadian Arctic. Arctic Science, 2020, 6, 361-383.	2.3	8
21	Social-ecological changes and implications for understanding the declining beluga whale (<i>Delphinapterus leucas</i>) harvest in Aklavik, Northwest Territories. Arctic Science, 2020, 6, 229-246.	2.3	15
22	Inuit observations of a Tunicata bloom unusual for the Amundsen Gulf, western Canadian Arctic. Arctic Science, 2020, 6, 340-351.	2.3	6
23	Indigenous participation in peer review publications and the editorial process: reflections from a workshop. Arctic Science, 2020, 6, 352-360.	2.3	10
24	Variation in the diet of beluga whales in response to changes in prey availability: insights on changes in the Beaufort Sea ecosystem. Marine Ecology - Progress Series, 2020, 647, 195-210.	1.9	36
25	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. Science of the Total Environment, 2019, 696, 133792.	8.0	184
26	Body condition impacts blood and muscle oxygen storage capacity of free-living beluga whales (<i>Delphinapterus leucas</i>). Journal of Experimental Biology, 2019, 222, .	1.7	14
27	A comparison of diet estimates of captive beluga whales using fatty acid mixing models with their true diets. Journal of Experimental Marine Biology and Ecology, 2019, 516, 132-139.	1.5	11
28	Body condition indicators: Assessing the influence of harvest location and potential thresholds for application in beluga monitoring. Ecological Indicators, 2019, 104, 145-155.	6.3	2
29	Abundance and species diversity hotspots of tracked marine predators across the North American Arctic. Diversity and Distributions, 2019, 25, 328-345.	4.1	42
30	Intestinal polycyclic aromatic hydrocarbon-DNA adducts in a population of beluga whales with high levels of gastrointestinal cancers. Environmental and Molecular Mutagenesis, 2019, 60, 29-41.	2.2	19
31	Beluga Vocalizations Decrease in Response to Vessel Traffic in the Mackenzie River Estuary. Arctic, 2019, 72, 337-346.	0.4	17
32	Environmental drivers of beluga whale <i>Delphinapterus leucas</i> habitat use in the Mackenzie Estuary, Northwest Territories, Canada. Marine Ecology - Progress Series, 2019, 626, 209-226.	1.9	13
33	Diet and feeding observations from an unusual beluga harvest in 2014 near Ulukhaktok, Northwest Territories, Canada. Arctic Science, 2018, , 1-11.	2.3	13
34	A comparison of the trophic ecology of Beaufort Sea Gadidae using fatty acids and stable isotopes. Polar Biology, 2018, 41, 149-162.	1.2	15
35	Legacy contaminants in the Eastern Beaufort Sea beluga whales (<i>Delphinapterus leucas</i>): Are temporal trends reflecting regulations?. Arctic Science, 2018, , .	2.3	6
36	Beluga whales (<i>Delphinapterus leucas</i>), environmental change and marine protected areas in the Western Canadian Arctic. Estuarine, Coastal and Shelf Science, 2018, 212, 128-137.	2.1	23

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37	Effects of preparation on nutrient and environmental contaminant levels in Arctic beluga whale (<i>Delphinapterus leucas</i>) traditional foods. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1000-1015.	3.5	9
38	Cortisol levels in beluga whales (<i>Delphinapterus leucas</i>): Setting a benchmark for Marine Protected Area monitoring. <i>Arctic Science</i> , 2017, , .	2.3	2
39	Beluga whale <i>Delphinapterus leucas</i> late summer habitat use and support for foraging areas in the Canadian Beaufort Sea. <i>Marine Ecology - Progress Series</i> , 2017, 574, 243-257.	1.9	8
40	Inter-annual variation in environmental factors affect the prey and body condition of beluga whales in the eastern Beaufort Sea. <i>Marine Ecology - Progress Series</i> , 2017, 579, 213-225.	1.9	20
41	Use of mass spectrometry to measure aspartic acid racemization for ageing beluga whales. <i>Marine Mammal Science</i> , 2016, 32, 1370-1380.	1.8	7
42	Trophic variability of Arctic fishes in the Canadian Beaufort Sea: a fatty acids and stable isotopes approach. <i>Polar Biology</i> , 2016, 39, 1267-1282.	1.2	24
43	Lipid removal and acidification affect nitrogen and carbon stable isotope ratios of beluga whales (<i>Delphinapterus leucas</i>) and their potential prey species in the Beaufort Sea ecosystem. <i>Marine Biology</i> , 2016, 163, 1.	1.5	12
44	Latitudinal variation in ecological opportunity and intraspecific competition indicates differences in niche variability and diet specialization of Arctic marine predators. <i>Ecology and Evolution</i> , 2016, 6, 1666-1678.	1.9	56
45	Spring conditions and habitat use of beluga whales (<i>Delphinapterus leucas</i>) during arrival to the Mackenzie River Estuary. <i>Polar Biology</i> , 2016, 39, 2319-2334.	1.2	21
46	Ecological niche of coastal Beaufort Sea fishes defined by stable isotopes and fatty acids. <i>Marine Ecology - Progress Series</i> , 2016, 559, 159-173.	1.9	15
47	Recent progress on our understanding of the biological effects of mercury in fish and wildlife in the Canadian Arctic. <i>Science of the Total Environment</i> , 2015, 509-510, 91-103.	8.0	156
48	Mercury in the marine environment of the Canadian Arctic: Review of recent findings. <i>Science of the Total Environment</i> , 2015, 509-510, 67-90.	8.0	106
49	PCBs Are Associated With Altered Gene Transcript Profiles in Arctic Beluga Whales (<i>Delphinapterus leucas</i>). <i>Environmental Science & Technology</i> , 2014, 48, 2942-2951.	10.0	34
50	Belugas in the Mackenzie River estuary, NT, Canada: Habitat use and hot spots in the Tarium Niryutait Marine Protected Area. <i>Ocean and Coastal Management</i> , 2014, 100, 128-138.	4.4	14
51	Vitamin A and E profiles as biomarkers of PCB exposure in beluga whales (<i>Delphinapterus leucas</i>) from the western Canadian Arctic. <i>Aquatic Toxicology</i> , 2013, 142-143, 317-328.	4.0	19
52	METABOLIC TRANSFORMATION SHAPES POLYCHLORINATED BIPHENYL AND POLYBROMINATED DIPHENYL ETHER PATTERNS IN BELUGA WHALES (<i>DELPHINAPTERUS LEUCAS</i>). <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1132-1142.	4.3	7
53	Mercury toxicity in beluga whale lymphocytes: Limited effects of selenium protection. <i>Aquatic Toxicology</i> , 2012, 109, 185-193.	4.0	53
54	The fate of mercury in Arctic terrestrial and aquatic ecosystems, a review. <i>Environmental Chemistry</i> , 2012, 9, 321.	1.5	106

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55	Mercury in Arctic marine ecosystems: Sources, pathways and exposure. Environmental Research, 2012, 119, 64-87.	7.5	135
56	How does climate change influence arctic mercury?. Science of the Total Environment, 2012, 414, 22-42.	8.0	198
57	Transplacental transfer of polychlorinated biphenyls and polybrominated diphenyl ethers in arctic beluga whales (<i>Delphinapterus leucas</i>). Environmental Toxicology and Chemistry, 2012, 31, 296-300.	4.3	57
58	Assessment of claw growth-layer groups from ringed seals (<i>Pusa hispida</i>) as biomonitors of inter- and intra-annual Hg, $\delta^{15}N$, and $\delta^{13}C$ variation. Canadian Journal of Zoology, 2011, 89, 774-784.	1.0	21
59	Organic Contaminants in Marine Mammals. , 2011, , 349-376.		16
60	Diet differences among age classes of Arctic seals: evidence from stable isotope and mercury biomarkers. Polar Biology, 2010, 33, 153-162.	1.2	64
61	Bowhead whale <i>Balaena mysticetus</i> seasonal selection of sea ice. Marine Ecology - Progress Series, 2010, 411, 285-297.	1.9	60
62	Summer diet of beluga whales inferred by fatty acid analysis of the eastern Beaufort Sea food web. Journal of Experimental Marine Biology and Ecology, 2009, 374, 12-18.	1.5	126
63	Trophodynamics of Some PFCs and BFRs in a Western Canadian Arctic Marine Food Web. Environmental Science & Technology, 2009, 43, 4076-4081.	10.0	124
64	Linking mercury exposure to habitat and feeding behaviour in Beaufort Sea beluga whales. Journal of Marine Systems, 2008, 74, 1012-1024.	2.1	103
65	Size and Biomagnification: How Habitat Selection Explains Beluga Mercury Levels. Environmental Science & Technology, 2008, 42, 3982-3988.	10.0	74
66	Segregation of Beaufort Sea beluga whales during the open-water season. Canadian Journal of Zoology, 2006, 84, 1743-1751.	1.0	108
67	METHYLMERCURY PRODUCTION IN HIGH ARCTIC WETLANDS. Environmental Toxicology and Chemistry, 2004, 23, 17.	4.3	77
68	Effect of Dissolved Organic Carbon on the Photoproduction of Dissolved Gaseous Mercury in Lakes:Â Potential Impacts of Forestry. Environmental Science & Technology, 2004, 38, 2664-2672.	10.0	85
69	Snowmelt Sources of Methylmercury to High Arctic Ecosystems. Environmental Science & Technology, 2004, 38, 3004-3010.	10.0	83
70	Are Methylmercury Concentrations in the Wetlands of Kejimikujik National Park, Nova Scotia, Canada, Dependent on Geology?. Journal of Environmental Quality, 2003, 32, 2085-2094.	2.0	21
71	Temporal Trends of Brominated and Fluorinated Contaminants in Canadian Arctic Beluga <i>Delphinapterus leucas</i> . Arctic Science, 0, , .	2.3	5
72	Inuvialuit traditional ecological knowledge of beluga whale (<i>Delphinapterus leucas</i>) under changing climatic conditions in Tuktoyaktuk, NT. Arctic Science, 0, , 1-17.	2.3	18

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73	“That’s how we know they’re healthy”, the inclusion of traditional ecological knowledge in beluga health monitoring in the Inuvialuit Settlement Region. <i>Arctic Science</i> , 0, , 1-29.	2.3	20
74	The Canadian Beaufort Shelf trophic structure: evaluating an ecosystem modelling approach by comparison with observed stable isotopic structure. <i>Arctic Science</i> , 0, , .	2.3	5
75	Beluga whale stewardship and collaborative research practices among Indigenous peoples in the Arctic. <i>Polar Research</i> , 0, 40, .	1.6	12