Jennifer F Provencher

List of Publications by Year
in descending order

105	4,107	109137	138251
papers	citations	35 h-index	58 g-index

106	106	106	3610
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantifying ingested debris in marine megafauna: a review and recommendations for standardization. Analytical Methods, 2017, 9, 1454-1469.	1.3	331
2	Why we need an international agreement on marine plastic pollution. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9994-9997.	3.3	200
3	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. Science of the Total Environment, 2019, 696, 133792.	3.9	184
4	Plastic pollution in the Arctic. Nature Reviews Earth & Environment, 2022, 3, 323-337.	12.2	161
5	Garbage in guano? Microplastic debris found in faecal precursors of seabirds known to ingest plastics. Science of the Total Environment, 2018, 644, 1477-1484.	3.9	142
6	Marine birds and plastic debris in Canada: a national synthesis and a way forward. Environmental Reviews, 2015, 23, 1-13.	2.1	125
7	Future Directions in Conservation Research on Petrels and Shearwaters. Frontiers in Marine Science, 2019, 6, .	1.2	113
8	Assessing plastic debris in aquatic food webs: what we know and donâ€™t know about uptake and trophic transfer. Environmental Reviews, 2019, 27, 304-317.	2.1	110
9	Ingested plastic in a diving seabird, the thick-billed murre (Uria lomvia), in the eastern Canadian Arctic. Marine Pollution Bulletin, 2010, 60, 1406-1411.	2.3	97
10	Prevalence of marine debris in marine birds from the North Atlantic. Marine Pollution Bulletin, 2014, 84, 411-417.	2.3	95
11	Plastic debris in great skua (Stercorarius skua) pellets corresponds to seabird prey species. Marine Pollution Bulletin, 2016, 103, 206-210.	2.3	89
12	Seabird diet indicates changing Arctic marine communities in eastern Canada. Marine Ecology - Progress Series, 2012, 454, 171-182.	0.9	89
13	Recommended best practices for plastic and litter ingestion studies in marine birds: Collection, processing, and reporting. Facets, 2019, 4, 111-130.	1.1	83
14	Evidence for increased ingestion of plastics by northern fulmars (Fulmarus glacialis) in the Canadian Arctic. Marine Pollution Bulletin, 2009, 58, 1092-1095.	2.3	77
15	Plastic ingestion in marine-associated bird species from the eastern North Pacific. Marine Pollution Bulletin, 2013, 72, 257-259.	2.3	73
16	Plastic pollution in the Labrador Sea: An assessment using the seabird northern fulmar Fulmarus glacialis as a biological monitoring species. Marine Pollution Bulletin, 2018, 127, 817-822.	2.3	73
17	Proceed with caution: The need to raise the publication bar for microplastics research. Science of the Total Environment, 2020, 748, 141426.	3.9	68
18	Best practices for assessing forage fish fisheries-seabird resource competition. Fisheries Research, 2017, 194, 209-221.	0.9	66

#	Article	IF	Citations
19	Levels of ingested debris vary across species in Canadian Arctic seabirds. Marine Pollution Bulletin, 2017, 116, 517-520.	2.3	65
20	Financial costs of conducting science in the Arctic: examples from seabird research. Arctic Science, 2018, 4, 624-633.	0.9	60
21	Plastic and Non-plastic Debris Ingestion in Three Gull Species Feeding in an Urban Landfill Environment. Archives of Environmental Contamination and Toxicology, 2018, 74, 349-360.	2.1	59
22	Global Plastic Pollution Observation System to Aid Policy. Environmental Science & Technology, 2021, 55, 7770-7775.	4.6	59
23	Breeding seabirds as vectors of microplastics from sea to land: Evidence from colonies in Arctic Canada. Science of the Total Environment, 2021, 764, 142808.	3.9	57
24	Plastic ingestion by fulmars and shearwaters at Sable Island, Nova Scotia, Canada. Marine Pollution Bulletin, 2014, 87, 68-75.	2.3	54
25	Ingestion of plastic marine debris by Common and Thick-billed Murres in the northwestern Atlantic from 1985 to 2012. Marine Pollution Bulletin, 2013, 77, 192-195.	2.3	52
26	Implications of mercury and lead concentrations on breeding physiology and phenology in an Arctic bird. Environmental Pollution, 2016, 218, 1014-1022.	3.7	52
27	Infusing Inuit and local knowledge into the Low Impact Shipping Corridors: An adaptation to increased shipping activity and climate change in Arctic Canada. Environmental Science and Policy, 2020, 105, 19-36.	2.4	52
28	Discontinuous change in ice cover in Hudson Bay in the 1990s and some consequences for marine birds and their prey. ICES Journal of Marine Science, 2012, 69, 1218-1225.	1.2	48
29	Mercury and marine birds in Arctic Canada: effects, current trends, and why we should be paying closer attention. Environmental Reviews, 2014, 22, 244-255.	2.1	47
30	Occurrence of substituted diphenylamine antioxidants and benzotriazole UV stabilizers in Arctic seabirds and seals. Science of the Total Environment, 2019, 663, 950-957.	3.9	45
31	Plastic ingestion by four seabird species in the Canadian Arctic: Comparisons across species and time. Marine Pollution Bulletin, 2020, 158, 111386.	2.3	44
32	Inaccurate and Biased Global Media Coverage Underlies Public Misunderstanding of Shark Conservation Threats and Solutions. IScience, 2020, 23, 101205.	1.9	43
33	Microplastics around an Arctic seabird colony: Particle community composition varies across environmental matrices. Science of the Total Environment, 2021, 773, 145536.	3.9	42
34	A Horizon Scan of research priorities to inform policies aimed at reducing the harm of plastic pollution to biota. Science of the Total Environment, 2020, 733, 139381.	3.9	40
35	Challenges and opportunities for transboundary conservation of migratory birds in the East Asianâ€Australasian flyway. Conservation Biology, 2018, 32, 740-743.	2.4	37
36	Bridging Indigenous and science-based knowledge in coastal and marine research, monitoring, and management in Canada. Environmental Evidence, 2019, 8, .	1.1	37

#	Article	IF	Citations
37	Temporal and spatial patterns in the diet of northern fulmars Fulmarus glacialis in the Canadian High Arctic. Aquatic Biology, 2010, 10, 181-191.	0.5	37
38	Linking plastic ingestion research with marine wildlife conservation. Science of the Total Environment, 2018, 637-638, 1492-1495.	3.9	36
39	Plastic ingestion by seabirds in the circumpolar Arctic: a review. Environmental Reviews, 2020, 28, 506-516.	2.1	35
40	Synthesis of Maternal Transfer of Mercury in Birds: Implications for Altered Toxicity Risk. Environmental Science & Technology, 2020, 54, 2878-2891.	4.6	32
41	Are ingested plastics a vector of PCB contamination in northern fulmars from coastal Newfoundland and Labrador?. Environmental Research, 2018, 167, 184-190.	3.7	31
42	Seasonal variation of mercury contamination in Arctic seabirds: A pan-Arctic assessment. Science of the Total Environment, 2021, 750, 142201.	3.9	31
43	Mercury concentrations in feathers of marine birds in Arctic Canada. Marine Pollution Bulletin, 2015, 98, 308-313.	2.3	30
44	There is nothing convenient about plastic pollution. Rejoinder to Stafford and Jones â€œViewpoint â€“ Ocean plastic pollution: A convenient but distracting truth?â€• Marine Policy, 2019, 106, 103552.	1.5	28
45	A geographical comparison of chlorinated, brominated and fluorinated compounds in seabirds breeding in the eastern Canadian Arctic. Environmental Research, 2014, 134, 46-56.	3.7	27
46	Working with Northern Communities to Build Collaborative Research Partnerships: Perspectives from Early Career Researchers. Arctic, 2014, 67, .	0.2	27
47	A geographical comparison of mercury in seabirds in the eastern Canadian Arctic. Environment International, 2014, 66, 92-96.	4.8	25
48	Trace element concentrations and gastrointestinal parasites of Arctic terns breeding in the Canadian High Arctic. Science of the Total Environment, 2014, 476-477, 308-316.	3.9	24
49	Anthropogenic litter in marine waters and coastlines of Arctic Canada and West Greenland. Science of the Total Environment, 2021, 783, 146971.	3.9	24
50	Mercury concentrations in blood, brain and muscle tissues of coastal and pelagic birds from northeastern Canada. Ecotoxicology and Environmental Safety, 2018, 157, 424-430.	2.9	23
51	Weaving Indigenous knowledge systems and Western sciences in terrestrial research, monitoring and management in Canada: A protocol for a systematic map. Ecological Solutions and Evidence, 2021, 2, e12057.	0.8	23
52	How Wildlife Research Can Be Used to Promote Wider Community Participation in the North. Arctic, 2013, 66, .	0.2	23
53	Mercury contamination and potential health risks to Arctic seabirds and shorebirds. Science of the Total Environment, 2022, 844, 156944.	3.9	23
54	Organohalogen contaminants and total mercury in forage fish preyed upon by thick-billed murres in northern Hudson Bay. Marine Pollution Bulletin, 2014, 78, 258-266.	2.3	22

#	Article	IF	Citations
55	New tools to evaluate plastic ingestion by northern fulmars applied to North Sea monitoring data 2002â€“2018. Marine Pollution Bulletin, 2021, 166, 112246.	2.3	22
56	The potential of aerial insectivores for monitoring microplastics in terrestrial environments. Science of the Total Environment, 2022, 807, 150453.	3.9	22
57	Whatâ€™s the catch with lumpsuckers? A North Atlantic study of seabird bycatch in lumpsucker gillnet fisheries. Biological Conservation, 2019, 240, 108278.	1.9	21
58	Parasites of seabirds: A survey of effects and ecological implications. Advances in Marine Biology, 2019, 82, 1-50.	0.7	20
59	Identifying key marine habitat sites for seabirds and sea ducks in the Canadian Arctic. Environmental Reviews, 2019, 27, 215-240.	2.1	20
60	No plastics detected in seal (Phocidae) stomachs harvested in the eastern Canadian Arctic. Marine Pollution Bulletin, 2020, 150, 110772.	2.3	19
61	Are phthalate ester contaminants in northern fulmar preen oil higher in birds that have ingested more plastic?. Marine Pollution Bulletin, 2020, 150, 110679.	2.3	19
62	Direct and indirect causes of sex differences in mercury concentrations and parasitic infections in a marine bird. Science of the Total Environment, 2016, 551-552, 506-512.	3.9	18
63	Anti-parasite treatment, but not mercury burdens, influence nesting propensity dependent on arrival time or body condition in a marine bird. Science of the Total Environment, 2017, 575, 849-857.	3.9	18
64	Are ocean conditions and plastic debris resulting in a â€˜double whammyâ€™ for marine birds?. Marine Pollution Bulletin, 2018, 133, 684-692.	2.3	18
65	Review of plastic pollution policies of Arctic countries in relation to seabirds. Facets, 2021, 6, 1-25.	1.1	18
66	Stable isotopes can be used to infer the overwintering locations of prebreeding marine birds in the Canadian Arctic. Ecology and Evolution, 2017, 7, 8742-8752.	0.8	17
67	Bridging Indigenous and Western sciences in freshwater research, monitoring, and management in Canada. Ecological Solutions and Evidence, 2021, 2, e12085.	0.8	17
68	Co-contaminants of microplastics in two seabird species from the Canadian Arctic. Environmental Science and Ecotechnology, 2022, 12, 100189.	6.7	17
69	Polycyclic aromatic compounds (PACs) and trace elements in four marine bird species from northern Canada in a region of natural marine oil and gas seeps. Science of the Total Environment, 2020, 744, 140959.	3.9	16
70	Variability in stable isotopes of snowy owl feathers and contribution of marine resources to their winter diet. Journal of Avian Biology, 2017, 48, 759-769.	0.6	15
71	Bridging Indigenous and science-based knowledge in coastal-marine research, monitoring, and management in Canada: a systematic map protocol. Environmental Evidence, 2019, 8, .	1.1	15
72	Networks of prey specialization in an Arctic monomorphic seabird. Journal of Avian Biology, 2013, 44, 551-560.	0.6	14

#	Article	IF	Citations
73	Hepatic trace element concentrations of breeding female common eiders across a latitudinal gradient in the eastern Canadian Arctic. Marine Pollution Bulletin, 2017, 124, 252-257.	2.3	14
74	Modelling demographic impacts of a growing Arctic fishery on a seabird population in Canada and Greenland. Marine Environmental Research, 2018, 142, 80-90.	1.1	14
75	Interaction of diet and habitat predicts Toxoplasma gondii infection rates in wild birds at a global scale. Global Ecology and Biogeography, 2020, 29, 1189-1198.	2.7	14
76	ToxChip PCR Arrays for Two Arctic-Breeding Seabirds: Applications for Regional Environmental Assessments. Environmental Science & Technology, 2021, 55, 7521-7530.	4.6	14
77	Why do we monitor? Using seabird eggs to track trends in Arctic environmental contamination. Environmental Reviews, 2022, 30, 245-267.	2.1	14
78	The influence of migration patterns on exposure to contaminants in Nearctic shorebirds: a historical study. Environmental Monitoring and Assessment, 2020, 192, 256.	1.3	12
79	Environmental sciences benefit from robust evidence irrespective of speed. Science of the Total Environment, 2019, 696, 134000.	3.9	11
80	Testing for dual impacts of contaminants and parasites on hosts: the importance of skew. Environmental Reviews, 2014, 22, 445-456.	2.1	10
81	Helminths in common eiders (Somateria mollissima): Sex, age, and migration have differential effects on parasite loads. International Journal for Parasitology: Parasites and Wildlife, 2019, 9, 184-194.	0.6	8
82	Long-term Declines in the Size of Northern Fulmar (<i>Fulmarus glacialis</i>) Colonies on Eastern Baffin Island, Canada. Arctic, 2020, 73, 187-194.	0.2	8
83	Community-identified risks to hunting, fishing, and gathering (harvesting) activities from increased marine shipping activity in Inuit Nunangat, Canada. Regional Environmental Change, 2022, 22, 1.	1.4	8
84	Chemical identification of microplastics ingested by Red Phalaropes (Phalaropus fulicarius) using Fourier Transform Infrared spectroscopy. Marine Pollution Bulletin, 2021, 171, 112640.	2.3	7
85	Reconceptualizing conservation. , 2022, 1, e0000016.		7
86	A Specimen of the High Arctic Subspecies of Atlantic Puffin, Fratercula arctica naumanni, in Canada. Canadian Field-Naturalist, 2012, 126, 50.	0.0	6
87	Anti-parasite treatment results in decreased estimated survival with increasing lead (Pb) levels in the common eiderSomateria mollissima. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191356.	1.2	6
88	Metabolomic profiles in relation to benchmark polycyclic aromatic compounds (PACs) and trace elements in two seabird species from Arctic Canada. Environmental Research, 2022, 204, 112022.	3.7	6
89	Sources of variation in endohelminth parasitism of common eiders over-wintering in the Canadian Arctic. Polar Biology, 2019, 42, 307-315.	0.5	5
90	Seabirds. , 2019, , 133-162.		4

#	Article	IF	Citations
91	Using genomic tools to inform management of the Atlantic northern fulmar. Conservation Genetics, 2020, 21, 1037-1050.	0.8	4
92	Annual plastic ingestion and isotopic niche patterns of two sympatric gull species at Newfoundland, Canada. Marine Pollution Bulletin, 2021, 173, 112991.	2.3	4
93	Exposure to cumulative stressors affects the laying phenology and incubation behaviour of an Arctic-breeding marine bird. Science of the Total Environment, 2022, 807, 150882.	3.9	4
94	Inter-individual variation in the migratory behaviour of a generalist seabird, the herring gull (Larus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	4
95	A rapid assessment technique for coastal plastic debris sampling: Applications for remote regions and community science. Marine Pollution Bulletin, 2022, 178, 113641.	2.3	4
96	Mercury levels in North Atlantic seabirds: A synthesis. Marine Pollution Bulletin, 2022, 181, 113884.	2.3	4
97	Arctic cleansing diet: Sex-specific variation in the rapid elimination of contaminants by the world's champion migrant, the Arctic tern. Science of the Total Environment, 2019, 689, 716-724.	3.9	3
98	Parasites and Pollution: Why Both Matter to Marine Bird Conservation in the North. Arctic, 2013, 66, .	0.2	3
99	How Arctic Marine Birds Help Researchers Study a Changing North. Arctic, 2014, 67, 564.	0.2	3
100	Changes in organ size and nutrient reserves of arctic terns (Sterna paradisaea) breeding near a High Arctic polynya. Arctic, Antarctic, and Alpine Research, 2020, 52, 596-604.	0.4	2
101	Early Career Researchers and Mentors Work Together to Shape the Future of the Arctic Monitoring and Assessment Programme. Arctic, 2012, 65, .	0.2	2
102	Diversity and Keratin Degrading Ability of Fungi Isolated from Canadian Arctic Marine Bird Feathers. Arctic, 2019, 72, 347-359.	0.2	2
103	Community-scientist collaboration in the creation, management and research for two National Wildlife Areas in Arctic Canada. Advances in Ecological Research, 2022, , 37-61.	1.4	2
104	Decadal differences in polycyclic aromatic compound (PAC) concentrations in two seabird species in Arctic Canada. Science of the Total Environment, 2022, 826, 154088.	3.9	1
105	Responses of Pelagic Cormorants (Phalacrocorax pelagicus) to Marine Traffic and Bald Eagles (Haliaeetus leucocephalus) in Barkley Sound, British Columbia. Northwestern Naturalist, 2012, 93, 237-240.	0.5	0