Birgit M Braune

List of Publications by Year
in descending order

53 papers	3,082 citations	201674 27 h-index	168389 53 g-index
53 all docs	53 docs citations	53 times ranked	2388 citing authors

#	Article	IF	Citations
1	Mercury levels in Bonaparte's gulls (Larus Philadelphia) during autumn molt in the Quoddy region, New Brunswick, Canada. Archives of Environmental Contamination and Toxicology, 1987, 16, 539-549.	4.1	221
2	Dynamics of organochlorine compounds in herring gulls: III. Tissue distribution and bioaccumulation in lake ontario gulls. Environmental Toxicology and Chemistry, 1989, 8, 957-968.	4.3	220
3	Temporal trends of legacy POPs in Arctic biota, an update. Science of the Total Environment, 2010, 408, 2874-2884.	8.0	199
4	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
5	An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife. Science of the Total Environment, 2005, 351-352, 57-93.	8.0	160
6	Comparison of total mercury levels in relation to diet and molt for nine species of marine birds. Archives of Environmental Contamination and Toxicology, 1987, 16, 217-224.	4.1	154
7	Temporal trends of organochlorines and mercury in seabird eggs from the Canadian Arctic, 1975â€“2003. Environmental Pollution, 2007, 148, 599-613.	7.5	152
8	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. Science of the Total Environment, 2019, 649, 99-110.	8.0	150
9	Polychlorinated naphthalenes in polar environments â€" A review. Science of the Total Environment, 2010, 408, 2919-2935.	8.0	126
10	Levels and trends of organochlorines and brominated flame retardants in Ivory Gull eggs from the Canadian Arctic, 1976 to 2004. Science of the Total Environment, 2007, 378, 403-417.	8.0	109
11	Temporal trends of Hg in Arctic biota, an update. Science of the Total Environment, 2011, 409, 3520-3526.	8.0	108
12	Mercury in the marine environment of the Canadian Arctic: Review of recent findings. Science of the Total Environment, 2015, 509-510, 67-90.	8.0	106
13	Perfluorinated Sulfonate and Carboxylate Compounds in Eggs of Seabirds Breeding in the Canadian Arctic: Temporal Trends (1975â€“2011) and Interspecies Comparison. Environmental Science & Technology, 2013, 47, 616-624.	10.0	79
14	Tracking contaminants in seabirds of Arctic Canada: Temporal and spatial insights. Marine Pollution Bulletin, 2012, 64, 1475-1484.	5.0	77
15	Changes in Food Web Structure Alter Trends of Mercury Uptake at Two Seabird Colonies in the Canadian Arctic. Environmental Science & Technology, 2014, 48, 13246-13252.	10.0	73
16	Mercury accumulation in relation to size and age of Atlantic herring (Clupea harengus harengus) from the southwestern Bay of Fundy, Canada. Archives of Environmental Contamination and Toxicology, 1987, 16, 311-320.	4.1	67
17	Dioxins, Furans, and Non-OrthoPCBs in Canadian Arctic Seabirds. Environmental Science & Technology, 2003, 37, 3071-3077.	10.0	64
18	Inter- and intraclutch variation in egg mercury levels in marine bird species from the Canadian Arctic. Science of the Total Environment, 2010, 408, 836-840.	8.0	56

#	Article	IF	Citations
19	Recent temporal trend monitoring of mercury in Arctic biota ? how powerful are the existing data sets?. Journal of Environmental Monitoring, 2004, 6, 351.	2.1	52
20	Temporal trends of mercury in eggs of five sympatrically breeding seabird species in the Canadian Arctic. Environmental Pollution, 2016, 214, 124-131.	7.5	47
21	Occurrence of substituted diphenylamine antioxidants and benzotriazole UV stabilizers in Arctic seabirds and seals. Science of the Total Environment, 2019, 663, 950-957.	8.0	45
22	Trace elements and halogenated organic compounds in Canadian Arctic seabirds. Marine Pollution Bulletin, 2004, 48, 986-992.	5.0	42
23	Environmental contaminants in Canadian shorebirds. Environmental Monitoring and Assessment, 2009, 148, 185-204.	2.7	40
24	Trends of polybrominated diphenyl ethers and hexabromocyclododecane in eggs of Canadian Arctic seabirds reflect changing use patterns. Environmental Research, 2015, 142, 651-661.	7.5	40
25	Toxicity of methylmercury injected into eggs of thick-billed murres and arctic terns. Ecotoxicology, 2012, 21, 2143-2152.	2.4	37
26	Changes in trophic position affect rates of contaminant decline at two seabird colonies in the Canadian Arctic. Ecotoxicology and Environmental Safety, 2015, 115, 7-13.	6.0	34
27	Mercury concentrations in feathers of marine birds in Arctic Canada. Marine Pollution Bulletin, 2015, 98, 308-313.	5.0	30
28	Temporal trends of legacy organochlorines in eggs of Canadian Arctic seabirds monitored over four decades. Science of the Total Environment, 2019, 646, 551-563.	8.0	29
29	A geographical comparison of chlorinated, brominated and fluorinated compounds in seabirds breeding in the eastern Canadian Arctic. Environmental Research, 2014, 134, 46-56.	7.5	27
30	A geographical comparison of mercury in seabirds in the eastern Canadian Arctic. Environment International, 2014, 66, 92-96.	10.0	25
31	Persistent halogenated organic contaminants and mercury in northern fulmars (Fulmarus glacialis) from the Canadian Arctic. Environmental Pollution, 2010, 158, 3513-3519.	7.5	23
32	Mercury concentrations in blood, brain and muscle tissues of coastal and pelagic birds from northeastern Canada. Ecotoxicology and Environmental Safety, 2018, 157, 424-430.	6.0	23
33	Biomarker responses associated with halogenated organic contaminants in northern fulmars (Fulmarus glacialis) breeding in the Canadian Arctic. Environmental Pollution, 2011, 159, 2891-2898.	7.5	22
34	Declining Trends of Polychlorinated Naphthalenes in Seabird Eggs from the Canadian Arctic, 1975â€“2014. Environmental Science & Technology, 2017, 51, 3802-3808.	10.0	22
35	Climate influence on mercury in Arctic seabirds. Science of the Total Environment, 2019, 693, 133569.	8.0	21
36	Contrasting retinoid and thyroid hormone status in differentially-contaminated northern fulmar colonies from the Canadian Arctic, Svalbard and the Faroe Islands. Environment International, 2013, 52, 29-40.	10.0	19

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37	Climate Influence on Legacy Organochlorine Pollutants in Arctic Seabirds. Environmental Science & Technology, 2019, 53, 2518-2528.	10.0	17
38	Co-contaminants of microplastics in two seabird species from the Canadian Arctic. Environmental Science and Ecotechnology, 2022, 12, 100189.	13.5	17
39	Variable seaâ€ice conditions influence trophic dynamics in an Arctic community of marine top predators. Ecology and Evolution, 2019, 9, 7639-7651.	1.9	16
40	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.	8.0	16
41	Nitrogen and sulfur isotopes predict variation in mercury levels in Arctic seabird prey. Marine Pollution Bulletin, 2018, 135, 907-914.	5.0	15
42	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.	5.0	14
43	Declining trends of polychlorinated dibenzo-p-dioxins, dibenzofurans and non-ortho PCBs in Canadian Arctic seabirds. Environmental Pollution, 2017, 220, 557-566.	7.5	14
44	ToxChip PCR Arrays for Two Arctic-Breeding Seabirds: Applications for Regional Environmental Assessments. Environmental Science & Technology, 2021, 55, 7521-7530.	10.0	14
45	Why do we monitor? Using seabird eggs to track trends in Arctic environmental contamination. Environmental Reviews, 2022, 30, 245-267.	4.5	14
46	Mercury, legacy and emerging POPs, and endocrine-behavioural linkages: Implications of Arctic change in a diving seabird. Environmental Research, 2022, 212, 113190.	7.5	13
47	The influence of migration patterns on exposure to contaminants in Nearctic shorebirds: a historical study. Environmental Monitoring and Assessment, 2020, 192, 256.	2.7	12
48	Do concentrations in eggs and liver tissue tell the same story of temporal trends of mercury in high Arctic seabirds?. Journal of Environmental Sciences, 2018, 68, 65-72.	6.1	11
49	Temporal change and the influence of climate and weather factors on mercury concentrations in Hudson Bay polar bears, caribou, and seabird eggs. Environmental Research, 2022, 207, 112169.	7.5	11
50	Variation in organochlorine and mercury levels in first and replacement eggs of a single-egg clutch breeder, the thick-billed murre, at a breeding colony in the Canadian Arctic. Science of the Total Environment, 2018, 610-611, 462-468.	8.0	9
51	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.	8.0	3
52	Seasonal Aspects of the Diet of Bonaparte's Gulls (Larus philadelphia) in the Quoddy Region, New Brunswick, Canada. Auk, 1987, 104, 167-172.	1.4	2
53	Decadal differences in polycyclic aromatic compound (PAC) concentrations in two seabird species in Arctic Canada. Science of the Total Environment, 2022, 826, 154088.	8.0	1