

Birgit M Braune

List of Publications by Year in descending order

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53
papers

3,082
citations

201658
27
h-index

168376
53
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all docs

53
docs citations

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times ranked

2388
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal change and the influence of climate and weather factors on mercury concentrations in Hudson Bay polar bears, caribou, and seabird eggs. <i>Environmental Research</i> , 2022, 207, 112169.	7.5	11
2	Decadal differences in polycyclic aromatic compound (PAC) concentrations in two seabird species in Arctic Canada. <i>Science of the Total Environment</i> , 2022, 826, 154088.	8.0	1
3	Mercury, legacy and emerging POPs, and endocrine-behavioural linkages: Implications of Arctic change in a diving seabird. <i>Environmental Research</i> , 2022, 212, 113190.	7.5	13
4	Why do we monitor? Using seabird eggs to track trends in Arctic environmental contamination. <i>Environmental Reviews</i> , 2022, 30, 245-267.	4.5	14
5	Co-contaminants of microplastics in two seabird species from the Canadian Arctic. <i>Environmental Science and Ecotechnology</i> , 2022, 12, 100189.	13.5	17
6	ToxChip PCR Arrays for Two Arctic-Breeding Seabirds: Applications for Regional Environmental Assessments. <i>Environmental Science & Technology</i> , 2021, 55, 7521-7530.	10.0	14
7	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. <i>Science of the Total Environment</i> , 2020, 744, 140959.	8.0	16
8	The influence of migration patterns on exposure to contaminants in Nearctic shorebirds: a historical study. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 256.	2.7	12
9	Temporal trends of legacy organochlorines in eggs of Canadian Arctic seabirds monitored over four decades. <i>Science of the Total Environment</i> , 2019, 646, 551-563.	8.0	29
10	Climate influence on mercury in Arctic seabirds. <i>Science of the Total Environment</i> , 2019, 693, 133569.	8.0	21
11	Arctic cleansing diet: Sex-specific variation in the rapid elimination of contaminants by the world's champion migrant, the Arctic tern. <i>Science of the Total Environment</i> , 2019, 689, 716-724.	8.0	3
12	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. <i>Science of the Total Environment</i> , 2019, 696, 133792.	8.0	184
13	Climate Influence on Legacy Organochlorine Pollutants in Arctic Seabirds. <i>Environmental Science & Technology</i> , 2019, 53, 2518-2528.	10.0	17
14	Variable sea-ice conditions influence trophic dynamics in an Arctic community of marine top predators. <i>Ecology and Evolution</i> , 2019, 9, 7639-7651.	1.9	16
15	Occurrence of substituted diphenylamine antioxidants and benzotriazole UV stabilizers in Arctic seabirds and seals. <i>Science of the Total Environment</i> , 2019, 663, 950-957.	8.0	45
16	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. <i>Science of the Total Environment</i> , 2019, 649, 99-110.	8.0	150
17	Mercury concentrations in blood, brain and muscle tissues of coastal and pelagic birds from northeastern Canada. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 424-430.	6.0	23
18	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. <i>Science of the Total Environment</i> , 2018, 610-611, 462-468.	8.0	9

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19	Do concentrations in eggs and liver tissue tell the same story of temporal trends of mercury in high Arctic seabirds?. <i>Journal of Environmental Sciences</i> , 2018, 68, 65-72.	6.1	11
20	Nitrogen and sulfur isotopes predict variation in mercury levels in Arctic seabird prey. <i>Marine Pollution Bulletin</i> , 2018, 135, 907-914.	5.0	15
21	Declining Trends of Polychlorinated Naphthalenes in Seabird Eggs from the Canadian Arctic, 1975–2014. <i>Environmental Science & Technology</i> , 2017, 51, 3802-3808.	10.0	22
22	Hepatic trace element concentrations of breeding female common eiders across a latitudinal gradient in the eastern Canadian Arctic. <i>Marine Pollution Bulletin</i> , 2017, 124, 252-257.	5.0	14
23	Declining trends of polychlorinated dibenzo-p-dioxins, dibenzofurans and non-ortho PCBs in Canadian Arctic seabirds. <i>Environmental Pollution</i> , 2017, 220, 557-566.	7.5	14
24	Temporal trends of mercury in eggs of five sympatrically breeding seabird species in the Canadian Arctic. <i>Environmental Pollution</i> , 2016, 214, 124-131.	7.5	47
25	Trends of polybrominated diphenyl ethers and hexabromocyclododecane in eggs of Canadian Arctic seabirds reflect changing use patterns. <i>Environmental Research</i> , 2015, 142, 651-661.	7.5	40
26	Changes in trophic position affect rates of contaminant decline at two seabird colonies in the Canadian Arctic. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 7-13.	6.0	34
27	Mercury concentrations in feathers of marine birds in Arctic Canada. <i>Marine Pollution Bulletin</i> , 2015, 98, 308-313.	5.0	30
28	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
29	Changes in Food Web Structure Alter Trends of Mercury Uptake at Two Seabird Colonies in the Canadian Arctic. <i>Environmental Science & Technology</i> , 2014, 48, 13246-13252.	10.0	73
30	A geographical comparison of mercury in seabirds in the eastern Canadian Arctic. <i>Environment International</i> , 2014, 66, 92-96.	10.0	25
31	A geographical comparison of chlorinated, brominated and fluorinated compounds in seabirds breeding in the eastern Canadian Arctic. <i>Environmental Research</i> , 2014, 134, 46-56.	7.5	27
32	Contrasting retinoid and thyroid hormone status in differentially-contaminated northern fulmar colonies from the Canadian Arctic, Svalbard and the Faroe Islands. <i>Environment International</i> , 2013, 52, 29-40.	10.0	19
33	Perfluorinated Sulfonate and Carboxylate Compounds in Eggs of Seabirds Breeding in the Canadian Arctic: Temporal Trends (1975–2011) and Interspecies Comparison. <i>Environmental Science & Technology</i> , 2013, 47, 616-624.	10.0	79
34	Toxicity of methylmercury injected into eggs of thick-billed murres and arctic terns. <i>Ecotoxicology</i> , 2012, 21, 2143-2152.	2.4	37
35	Tracking contaminants in seabirds of Arctic Canada: Temporal and spatial insights. <i>Marine Pollution Bulletin</i> , 2012, 64, 1475-1484.	5.0	77
36	Temporal trends of Hg in Arctic biota, an update. <i>Science of the Total Environment</i> , 2011, 409, 3520-3526.	8.0	108

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37	Biomarker responses associated with halogenated organic contaminants in northern fulmars (<i>Fulmarus glacialis</i>) breeding in the Canadian Arctic. <i>Environmental Pollution</i> , 2011, 159, 2891-2898.	7.5	22
38	Temporal trends of legacy POPs in Arctic biota, an update. <i>Science of the Total Environment</i> , 2010, 408, 2874-2884.	8.0	199
39	Polychlorinated naphthalenes in polar environments – A review. <i>Science of the Total Environment</i> , 2010, 408, 2919-2935.	8.0	126
40	Inter- and intraclutch variation in egg mercury levels in marine bird species from the Canadian Arctic. <i>Science of the Total Environment</i> , 2010, 408, 836-840.	8.0	56
41	Persistent halogenated organic contaminants and mercury in northern fulmars (<i>Fulmarus glacialis</i>) from the Canadian Arctic. <i>Environmental Pollution</i> , 2010, 158, 3513-3519.	7.5	23
42	Environmental contaminants in Canadian shorebirds. <i>Environmental Monitoring and Assessment</i> , 2009, 148, 185-204.	2.7	40
43	Temporal trends of organochlorines and mercury in seabird eggs from the Canadian Arctic, 1975–2003. <i>Environmental Pollution</i> , 2007, 148, 599-613.	7.5	152
44	Levels and trends of organochlorines and brominated flame retardants in Ivory Gull eggs from the Canadian Arctic, 1976 to 2004. <i>Science of the Total Environment</i> , 2007, 378, 403-417.	8.0	109
45	An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife. <i>Science of the Total Environment</i> , 2005, 351-352, 57-93.	8.0	160
46	Trace elements and halogenated organic compounds in Canadian Arctic seabirds. <i>Marine Pollution Bulletin</i> , 2004, 48, 986-992.	5.0	42
47	Recent temporal trend monitoring of mercury in Arctic biota ? how powerful are the existing data sets?. <i>Journal of Environmental Monitoring</i> , 2004, 6, 351.	2.1	52
48	Dioxins, Furans, and Non-OrthoPCBs in Canadian Arctic Seabirds. <i>Environmental Science & Technology</i> , 2003, 37, 3071-3077.	10.0	64
49	Dynamics of organochlorine compounds in herring gulls: III. Tissue distribution and bioaccumulation in lake ontario gulls. <i>Environmental Toxicology and Chemistry</i> , 1989, 8, 957-968.	4.3	220
50	Seasonal Aspects of the Diet of Bonaparte's Gulls (<i>Larus philadelphia</i>) in the Quoddy Region, New Brunswick, Canada. <i>Auk</i> , 1987, 104, 167-172.	1.4	2
51	Mercury accumulation in relation to size and age of Atlantic herring (<i>Clupea harengus harengus</i>) from the southwestern Bay of Fundy, Canada. <i>Archives of Environmental Contamination and Toxicology</i> , 1987, 16, 311-320.	4.1	67
52	Comparison of total mercury levels in relation to diet and molt for nine species of marine birds. <i>Archives of Environmental Contamination and Toxicology</i> , 1987, 16, 217-224.	4.1	154
53	Mercury levels in Bonaparte's gulls (<i>Larus Philadelphia</i>) during autumn molt in the Quoddy region, New Brunswick, Canada. <i>Archives of Environmental Contamination and Toxicology</i> , 1987, 16, 539-549.	4.1	221