

Rune Dietz

List of Publications by Year in descending order

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353
papers

15,442
citations

13099

68
h-index

30087

103
g-index

357
all docs

357
docs citations

357
times ranked

10036
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure and effects assessment of persistent organohalogen contaminants in arctic wildlife and fish. <i>Science of the Total Environment</i> , 2010, 408, 2995-3043.	8.0	660
2	Population Genomics Reveal Recent Speciation and Rapid Evolutionary Adaptation in Polar Bears. <i>Cell</i> , 2014, 157, 785-794.	28.9	363
3	Immunotoxic effects of environmental pollutants in marine mammals. <i>Environment International</i> , 2016, 86, 126-139.	10.0	292
4	What are the toxicological effects of mercury in Arctic biota?. <i>Science of the Total Environment</i> , 2013, 443, 775-790.	8.0	287
5	Predicting global killer whale population collapse from PCB pollution. <i>Science</i> , 2018, 361, 1373-1376.	12.6	252
6	Lead, cadmium, mercury and selenium in Greenland marine animals. <i>Science of the Total Environment</i> , 1996, 186, 67-93.	8.0	216
7	The 1988 and 2002 phocine distemper virus epidemics in European harbour seals. <i>Diseases of Aquatic Organisms</i> , 2006, 68, 115-130.	1.0	215
8	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
9	Preliminary screening of perfluorooctane sulfonate (PFOS) and other fluorochemicals in fish, birds and marine mammals from Greenland and the Faroe Islands. <i>Environmental Pollution</i> , 2005, 136, 323-329.	7.5	176
10	Anthropogenic contributions to mercury levels in present-day Arctic animals – A review. <i>Science of the Total Environment</i> , 2009, 407, 6120-6131.	8.0	174
11	Observation of emerging per- and polyfluoroalkyl substances (PFASs) in Greenland marine mammals. <i>Chemosphere</i> , 2016, 144, 2384-2391.	8.2	174
12	Brominated Flame Retardants in Polar Bears (<i>Ursus maritimus</i>) from Alaska, the Canadian Arctic, East Greenland, and Svalbard. <i>Environmental Science & Technology</i> , 2006, 40, 449-455.	10.0	172
13	Circumpolar Study of Perfluoroalkyl Contaminants in Polar Bears (<i>Ursus maritimus</i>). <i>Environmental Science & Technology</i> , 2005, 39, 5517-5523.	10.0	159
14	An assessment of selenium to mercury in Greenland marine animals. <i>Science of the Total Environment</i> , 2000, 245, 15-24.	8.0	151
15	Is dietary mercury of neurotoxicological concern to wild polar bears (<i>Ursus maritimus</i>)?. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 133-140.	4.3	151
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	Tissue-specific congener composition of organohalogen and metabolite contaminants in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Pollution</i> , 2008, 152, 621-629.	7.5	149
18	Global change effects on the long-term feeding ecology and contaminant exposures of Greenland polar bears. <i>Global Change Biology</i> , 2013, 19, 2360-2372.	9.5	147

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19	Comparison of contaminants from different trophic levels and ecosystems. <i>Science of the Total Environment</i> , 2000, 245, 221-231.	8.0	137
20	Increasing Perfluoroalkyl Contaminants in East Greenland Polar Bears (<i>Ursus maritimus</i>): A New Toxic Threat to the Arctic Bears. <i>Environmental Science & Technology</i> , 2008, 42, 2701-2707.	10.0	131
21	High rates of vessel noise disrupt foraging in wild harbour porpoises (<i>Phocoena phocoena</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172314.	2.6	130
22	Temporal and Spatial Trends of Perfluorinated Compounds in Ringed Seal (<i>Phoca hispida</i>) from Greenland. <i>Environmental Science & Technology</i> , 2005, 39, 7416-7422.	10.0	121
23	A review of ecological impacts of global climate change on persistent organic pollutant and mercury pathways and exposures in arctic marine ecosystems. <i>Environmental Epigenetics</i> , 2015, 61, 617-628.	1.8	116
24	Retrospective of the 1988 European seal epizootic. <i>Diseases of Aquatic Organisms</i> , 1992, 13, 37-62.	1.0	114
25	Chlorinated hydrocarbon contaminants and metabolites in polar bears (<i>Ursus maritimus</i>) from Alaska, Canada, East Greenland, and Svalbard: 1996-2002. <i>Science of the Total Environment</i> , 2005, 351-352, 369-390.	8.0	113
26	Age determination of european harbour seal, <i>Phoca vitulina</i> L.. <i>Sarsia</i> , 1991, 76, 17-21.	0.5	111
27	Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear (<i>Ursus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	8.0	111
28	Bioaccumulation and biotransformation of brominated and chlorinated contaminants and their metabolites in ringed seals (<i>Pusa hispida</i>) and polar bears (<i>Ursus maritimus</i>) from East Greenland. <i>Environment International</i> , 2009, 35, 1118-1124.	10.0	110
29	Mercury-associated DNA hypomethylation in polar bear brains via the Luminometric Methylation Assay: a sensitive method to study epigenetics in wildlife. <i>Molecular Ecology</i> , 2010, 19, 307-314.	3.9	110
30	Perfluoroalkyl contaminants in liver tissue from East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 981-986.	4.3	109
31	Xenoendocrine Pollutants May Reduce Size of Sexual Organs in East Greenland Polar Bears (<i>Ursus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	10.0	108
32	Temporal trends of Hg in Arctic biota, an update. <i>Science of the Total Environment</i> , 2011, 409, 3520-3526.	8.0	108
33	Levels and spatial and temporal trends of contaminants in Greenland biota: an updated review. <i>Science of the Total Environment</i> , 2004, 331, 29-52.	8.0	107
34	Seasonal and temporal trends in polychlorinated biphenyls and organochlorine pesticides in East Greenland polar bears (<i>Ursus maritimus</i>), 1990-2001. <i>Science of the Total Environment</i> , 2004, 331, 107-124.	8.0	107
35	Novel brominated flame retardants and dechlorane plus in Greenland air and biota. <i>Environmental Pollution</i> , 2015, 196, 284-291.	7.5	107
36	State of knowledge on current exposure, fate and potential health effects of contaminants in polar bears from the circumpolar Arctic. <i>Science of the Total Environment</i> , 2019, 664, 1063-1083.	8.0	106

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37	Circumpolar Trends of PCBs and Organochlorine Pesticides in the Arctic Marine Environment Inferred from Levels in Ringed Seals. <i>Environmental Science & Technology</i> , 2000, 34, 2431-2438.	10.0	105
38	Is Bone Mineral Composition Disrupted by Organochlorines in East Greenland Polar Bears (<i>Ursus</i>)? <i>Environmental Science & Technology</i> , 2008, 42, 752-759.	6.0	103
39	Flame retardants and legacy contaminants in polar bears from Alaska, Canada, East Greenland and Svalbard, 2005-2008. <i>Environment International</i> , 2011, 37, 365-374.	10.0	102
40	Modelling spatial patterns in harbour porpoise satellite telemetry data using maximum entropy. <i>Ecography</i> , 2010, 33, 698-708.	4.5	97
41	Deep-diving by narwhals <i>Monodon monoceros</i> : differences in foraging behavior between wintering areas?. <i>Marine Ecology - Progress Series</i> , 2003, 261, 269-281.	1.9	96
42	Target Tissue Selectivity and Burdens of Diverse Classes of Brominated and Chlorinated Contaminants in Polar Bears (<i>Ursus maritimus</i>) from East Greenland. <i>Environmental Science & Technology</i> , 2008, 42, 752-759.	10.0	95
43	Organic mercury in Greenland birds and mammals. <i>Science of the Total Environment</i> , 1990, 95, 41-51.	8.0	93
44	Comparison of echolocation behaviour between coastal and riverine porpoises. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 290-297.	1.4	93
45	High-density areas for harbor porpoises (<i>Phocoena phocoena</i>) identified by satellite tracking. <i>Marine Mammal Science</i> , 2011, 27, 230-246.	1.8	93
46	Tissue-Specific Concentrations and Patterns of Perfluoroalkyl Carboxylates and Sulfonates in East Greenland Polar Bears. <i>Environmental Science & Technology</i> , 2012, 46, 11575-11583.	10.0	91
47	Trends in Mercury in Hair of Greenlandic Polar Bears (<i>Ursus maritimus</i>) during 1892-2001. <i>Environmental Science & Technology</i> , 2006, 40, 1120-1125.	10.0	90
48	Cortisol levels in hair of East Greenland polar bears. <i>Science of the Total Environment</i> , 2011, 409, 831-834.	8.0	86
49	Temporal Trends and Future Predictions of Mercury Concentrations in Northwest Greenland Polar Bear (<i>Ursus maritimus</i>) Hair. <i>Environmental Science & Technology</i> , 2011, 45, 1458-1465.	10.0	85
50	The migratory behaviour of narwhals (<i>Monodon monoceros</i>). <i>Canadian Journal of Zoology</i> , 2003, 81, 1298-1305.	1.0	84
51	Distributional pattern of zinc, cadmium, mercury, and selenium in livers of Hooded Seal (<i>Cystophora</i>)? <i>Environmental Science & Technology</i> , 2008, 42, 752-759.	3.5	83
52	Mercury contamination in spotted seatrout, <i>Cynoscion nebulosus</i> : An assessment of liver, kidney, blood, and nervous system health. <i>Science of the Total Environment</i> , 2010, 408, 5808-5816.	8.0	82
53	Trends of perfluorochemicals in Greenland ringed seals and polar bears: Indications of shifts to decreasing trends. <i>Chemosphere</i> , 2013, 93, 1607-1614.	8.2	82
54	Immunologic, reproductive, and carcinogenic risk assessment from POP exposure in East Greenland polar bears (<i>Ursus maritimus</i>) during 1983-2013. <i>Environment International</i> , 2018, 118, 169-178.	10.0	79

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55	Brain region-specific perfluoroalkylated sulfonate (PFSA) and carboxylic acid (PFCA) accumulation and neurochemical biomarker Responses in east Greenland polar Bears (<i>Ursus maritimus</i>). <i>Environmental Research</i> , 2015, 138, 22-31.	7.5	78
56	Zinc, cadmium, mercury and selenium in minke whales, belugas and narwhals from West Greenland. <i>Polar Biology</i> , 1990, 10, 529.	1.2	77
57	Anthropogenic flank attack on polar bears: interacting consequences of climate warming and pollutant exposure. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	77
58	Physiologically-based pharmacokinetic modelling of immune, reproductive and carcinogenic effects from contaminant exposure in polar bears (<i>Ursus maritimus</i>) across the Arctic. <i>Environmental Research</i> , 2015, 140, 45-55.	7.5	77
59	Accumulation of Short-, Medium-, and Long-Chain Chlorinated Paraffins in Marine and Terrestrial Animals from Scandinavia. <i>Environmental Science & Technology</i> , 2019, 53, 3526-3537.	10.0	77
60	A field effort to capture critically endangered vaquitas <i>Phocoena sinus</i> for protection from entanglement in illegal gillnets. <i>Endangered Species Research</i> , 2019, 38, 11-27.	2.4	77
61	Bioaccumulation and biomagnification of perfluoroalkyl acids and precursors in East Greenland polar bears and their ringed seal prey. <i>Environmental Pollution</i> , 2019, 252, 1335-1343.	7.5	76
62	Autumn movements, home ranges, and winter density of narwhals (<i>Monodon monoceros</i>) tagged in Tremblay Sound, Baffin Island. <i>Polar Biology</i> , 2002, 25, 331-341.	1.2	75
63	Three decades (1983â€“2010) of contaminant trends in East Greenland polar bears (<i>Ursus maritimus</i>). Part 1: Legacy organochlorine contaminants. <i>Environment International</i> , 2013, 59, 485-493.	10.0	74
64	Fluorine Mass Balance and Suspect Screening in Marine Mammals from the Northern Hemisphere. <i>Environmental Science & Technology</i> , 2020, 54, 4046-4058.	10.0	73
65	Shifts in female polar bear (<i>Ursus maritimus</i>) habitat use in East Greenland. <i>Polar Biology</i> , 2015, 38, 879-893.	1.2	70
66	Temporal Trends of Hexabromocyclododecane, Polybrominated Diphenyl Ethers and Polychlorinated Biphenyls in Ringed Seals from East Greenland. <i>Environmental Science & Technology</i> , 2011, 45, 1243-1249.	10.0	69
67	PFAS profiles in three North Sea top predators: metabolic differences among species?. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8013-8020.	5.3	69
68	Some characteristics of narwhal, <i>Monodon monoceros</i> , diving behaviour in Baffin Bay. <i>Canadian Journal of Zoology</i> , 1995, 73, 2120-2132.	1.0	68
69	Two decades of biomonitoring polar bear health in Greenland: a review. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, .	1.6	68
70	Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. <i>Environment International</i> , 2020, 139, 105725.	10.0	67
71	Population structure and seasonal movements of narwhals, <i>Monodon monoceros</i> , determined from mtDNA analysis. <i>Heredity</i> , 1997, 78, 284-292.	2.6	66
72	Measuring environmental stress in East Greenland polar bears, 1892â€“1927 and 1988â€“2009: What does hair cortisol tell us?. <i>Environment International</i> , 2012, 45, 15-21.	10.0	65

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73	Do Organohalogen Contaminants Contribute to Histopathology in Liver from East Greenland Polar Bears (<i>Ursus maritimus</i>)?. <i>Environmental Health Perspectives</i> , 2005, 113, 1569-1574.	6.0	62
74	Levels and trends of persistent organic pollutants in ringed seals (<i>Phoca hispida</i>) from Central West Greenland, with particular focus on polybrominated diphenyl ethers (PBDEs). <i>Environment International</i> , 2008, 34, 499-508.	10.0	62
75	Reproductive performance in East Greenland polar bears (<i>Ursus maritimus</i>) may be affected by organohalogen contaminants as shown by physiologically-based pharmacokinetic (PBPK) modelling. <i>Chemosphere</i> , 2009, 77, 1558-1568.	8.2	62
76	Females roam while males patrol: divergence in breeding season movements of pack-ice polar bears (<i>Ursus maritimus</i>). <i>Journal of Animal Ecology</i> , 2010, 79, 107-115.	2.8	62
77	Movements and swimming speed of narwhals, (<i>Monodon monoceros</i>), equipped with satellite transmitters in Melville Bay, northwest Greenland. <i>Canadian Journal of Zoology</i> , 1995, 73, 2106-2119.	1.0	60
78	Organochlorines in Greenland marine fish, mussels and sediments. <i>Science of the Total Environment</i> , 2000, 245, 87-102.	8.0	60
79	ARE ORGANOHALOGEN CONTAMINANTS A COFACTOR IN THE DEVELOPMENT OF RENAL LESIONS IN EAST GREENLAND POLAR BEARS (<i>URSUS MARITIMUS</i>)?. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1551.	4.3	60
80	Three decades (1983-2010) of contaminant trends in East Greenland polar bears (<i>Ursus maritimus</i>). Part 2: Brominated flame retardants. <i>Environment International</i> , 2013, 59, 494-500.	10.0	60
81	Biosonar, dive, and foraging activity of satellite tracked harbor porpoises (<i>Phocoena phocaena</i>). <i>Journal of Animal Ecology</i> , 2010, 79, 107-115.	1.8	60
82	Arctic-adapted dogs emerged at the Pleistocene-Holocene transition. <i>Science</i> , 2020, 368, 1495-1499.	12.6	60
83	Are liver and renal lesions in East Greenland polar bears (<i>Ursus maritimus</i>) associated with high mercury levels?. <i>Environmental Health</i> , 2007, 6, 11.	4.0	59
84	Brain region distribution and patterns of bioaccumulative perfluoroalkyl carboxylates and sulfonates in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 713-722.	4.3	58
85	Geographical differences of zinc, cadmium, mercury and selenium in polar bears (<i>Ursus maritimus</i>) from Greenland. <i>Science of the Total Environment</i> , 2000, 245, 25-47.	8.0	57
86	Transfer of mercury in the marine food web of West Greenland. <i>Journal of Environmental Monitoring</i> , 2007, 9, 877.	2.1	57
87	Serosurvey for <i>Trichinella</i> in polar bears (<i>Ursus maritimus</i>) from Svalbard and the Barents Sea. <i>Veterinary Parasitology</i> , 2010, 172, 256-263.	1.8	57
88	Organohalogen compounds of emerging concern in Baltic Sea biota: Levels, biomagnification potential and comparisons with legacy contaminants. <i>Environment International</i> , 2020, 144, 106037.	10.0	57
89	Have arctic marine mammals adapted to high cadmium levels?. <i>Marine Pollution Bulletin</i> , 1998, 36, 490-492.	5.0	56
90	Body feathers as a potential new biomonitoring tool in raptors: A study on organohalogenated contaminants in different feather types and preen oil of West Greenland white-tailed eagles (<i>Haliaeetus albicilla</i>). <i>Environment International</i> , 2011, 37, 1349-1356.	10.0	56

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91	Effects of Polar Bear and Killer Whale Derived Contaminant Cocktails on Marine Mammal Immunity. <i>Environmental Science & Technology</i> , 2017, 51, 11431-11439.	10.0	56
92	Comparative hepatic microsomal biotransformation of selected PBDEs, including decabromodiphenyl ether, and decabromodiphenyl ethane flame retardants in Arctic marine feeding mammals. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1506-1514.	4.3	55
93	Movements of narwhals (<i>Monodon monoceros</i>) from Admiralty Inlet monitored by satellite telemetry. <i>Polar Biology</i> , 2008, 31, 1295-1306.	1.2	54
94	Population genomics of grey wolves and wolf-like canids in North America. <i>PLoS Genetics</i> , 2018, 14, e1007745.	3.5	54
95	Mercury, cadmium, zinc, copper and selenium in harbour porpoise (<i>Phocoena phocoena</i>) from West Greenland. <i>Polar Biology</i> , 1993, 13, 311.	1.2	53
96	Age and seasonal variability of polybrominated diphenyl ethers in free-ranging East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Pollution</i> , 2007, 146, 166-173.	7.5	53
97	Impairment of Cellular Immunity in West Greenland Sledge Dogs (<i>Canis familiaris</i>) Dietary Exposed to Polluted Minke Whale (<i>Balaenoptera acutorostrata</i>) Blubber. <i>Environmental Science & Technology</i> , 2006, 40, 2056-2062.	10.0	52
98	Time Trends of Mercury in Feathers of West Greenland Birds of Prey During 1851~2003. <i>Environmental Science & Technology</i> , 2006, 40, 5911-5916.	10.0	52
99	Defining management units for cetaceans by combining genetics, morphology, acoustics and satellite tracking. <i>Global Ecology and Conservation</i> , 2015, 3, 839-850.	2.1	52
100	Exposure to mixtures of organohalogen contaminants and associative interactions with thyroid hormones in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environment International</i> , 2011, 37, 694-708.	10.0	51
101	Associations between complex OHC mixtures and thyroid and cortisol hormone levels in East Greenland polar bears. <i>Environmental Research</i> , 2012, 116, 26-35.	7.5	51
102	Temporal trend studies on polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in ringed seals from East Greenland. <i>Journal of Environmental Monitoring</i> , 2006, 8, 1000-1005.	2.1	50
103	On the integration of ecological and physiological variables in polar bear toxicology research: a systematic review. <i>Environmental Reviews</i> , 2018, 26, 1-12.	4.5	50
104	Lead, zinc, cadmium, mercury, selenium and copper in Greenland caribou and reindeer (<i>Rangifer</i>) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 2	8.0	49
105	Population substructure of North Atlantic minke whales (<i>Balaenoptera acutorostrata</i>) inferred from regional variation of elemental and stable isotopic signatures in tissues. <i>Journal of Marine Systems</i> , 2003, 43, 1-17.	2.1	49
106	Regional Contamination versus Regional Dietary Differences: Understanding Geographic Variation in Brominated and Chlorinated Contaminant Levels in Polar Bears. <i>Environmental Science & Technology</i> , 2011, 45, 896-902.	10.0	49
107	Size and density of East Greenland polar bear (<i>Ursus maritimus</i>) skulls: Valuable bio-indicators of environmental changes?. <i>Ecological Indicators</i> , 2013, 34, 290-295.	6.3	48
108	Blubber-depth distribution and bioaccumulation of PCBs and organochlorine pesticides in Arctic-invading killer whales. <i>Science of the Total Environment</i> , 2017, 601-602, 237-246.	8.0	48

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109	Diving behaviour of long-finned pilot whales (<i>Globicephala melas</i>) around the Faroe Islands. <i>Wildlife Biology</i> , 2002, 8, 307-313.	1.4	47
110	Integrating genetic data and population viability analyses for the identification of harbour seal (<i>Phoca vitulina</i>) populations and management units. <i>Molecular Ecology</i> , 2014, 23, 815-831.	3.9	47
111	A metapopulation model for Canadian and West Greenland narwhals. <i>Animal Conservation</i> , 2013, 16, 331-343.	2.9	46
112	Quantitative relationships in delphinid neocortex. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 132.	1.7	46
113	Comparative hepatic in vitro depletion and metabolite formation of major perfluorooctane sulfonate precursors in arctic polar bear, beluga whale, and ringed seal. <i>Chemosphere</i> , 2014, 112, 225-231.	8.2	46
114	Oceanic movements, site fidelity and deep diving in harbour porpoises from Greenland show limited similarities to animals from the North Sea. <i>Marine Ecology - Progress Series</i> , 2018, 597, 259-272.	1.9	46
115	Baleen as a biomonitor of mercury content and dietary history of North Atlantic Minke Whales (<i>Balaenoptera acutorostrata</i>): combining elemental and stable isotope approaches. <i>Science of the Total Environment</i> , 2004, 331, 69-82.	8.0	45
116	White-Tailed Eagle (<i>Haliaeetus albicilla</i>) Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. <i>Environmental Science & Technology</i> , 2019, 53, 12744-12753.	10.0	45
117	Organochlorine-induced histopathology in kidney and liver tissue from Arctic fox (<i>Vulpes lagopus</i>). <i>Chemosphere</i> , 2008, 71, 1214-1224.	8.2	43
118	Organophosphate esters in East Greenland polar bears and ringed seals: Adipose tissue concentrations and in vitro depletion and metabolite formation. <i>Chemosphere</i> , 2018, 196, 240-250.	8.2	43
119	Escape responses of hauled out ringed seals (<i>Phoca hispida</i>) to aircraft disturbance. <i>Polar Biology</i> , 1999, 21, 171-178.	1.2	42
120	Lead, cadmium, mercury and selenium in Greenland marine biota and sediments during AMAP phase 1. <i>Science of the Total Environment</i> , 2000, 245, 3-14.	8.0	42
121	Fractal analysis of narwhal space use patterns. <i>Zoology</i> , 2004, 107, 3-11.	1.2	42
122	Temporal trends of mercury in marine biota of west and northwest Greenland. <i>Marine Pollution Bulletin</i> , 2007, 54, 72-80.	5.0	42
123	Geographic distribution of selected elements in the livers of polar bears from Greenland, Canada and the United States. <i>Environmental Pollution</i> , 2008, 153, 618-626.	7.5	42
124	Abundance and species diversity hotspots of tracked marine predators across the North American Arctic. <i>Diversity and Distributions</i> , 2019, 25, 328-345.	4.1	42
125	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. <i>Polar Biology</i> , 2013, 36, 1525-1529.	1.2	41
126	Thyroid hormones and deiodinase activity in plasma and tissues in relation to high levels of organohalogen contaminants in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Research</i> , 2015, 136, 413-423.	7.5	40

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127	Diving behaviour of narwhals (<i>Monodon monoceros</i>) at two coastal localities in the Canadian High Arctic. <i>Canadian Journal of Zoology</i> , 2002, 80, 624-635.	1.0	39
128	Sensory ability in the narwhal tooth organ system. <i>Anatomical Record</i> , 2014, 297, 599-617.	1.4	39
129	Organochlorines in Greenland ringed seals (<i>Phoca hispida</i>). <i>Science of the Total Environment</i> , 2000, 245, 103-116.	8.0	38
130	Cadmium toxicity to ringed seals (<i>Phoca hispida</i>): an epidemiological study of possible cadmium-induced nephropathy and osteodystrophy in ringed seals (<i>Phoca hispida</i>) from Qaanaaq in Northwest Greenland. <i>Science of the Total Environment</i> , 2002, 295, 167-181.	8.0	38
131	Effects of organohalogen pollutants on haematological and urine clinical chemical parameters in Greenland sledge dogs (<i>Canis familiaris</i>). <i>Ecotoxicology and Environmental Safety</i> , 2008, 69, 381-390.	6.0	38
132	Investigation of mercury concentrations in fur of phocid seals using stable isotopes as tracers of trophic levels and geographical regions. <i>Polar Biology</i> , 2011, 34, 1411-1420.	1.2	38
133	Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191929.	2.6	38
134	Behavioural responses of harbour seals to human-induced disturbances. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 113-121.	2.0	37
135	Mercury and cortisol in Western Hudson Bay polar bear hair. <i>Ecotoxicology</i> , 2015, 24, 1315-1321.	2.4	37
136	Status of grey seals along mainland Europe from the Southwestern Baltic to France. <i>NAMMCO Scientific Publications</i> , 0, 6, 57.	0.0	37
137	Total mercury in hair of polar bears (<i>Ursus maritimus</i>) from Greenland and Svalbard. <i>Polar Research</i> , 1991, 9, 113-120.	1.6	36
138	Regional and inter annual patterns of heavy metals, organochlorines and stable isotopes in narwhals (<i>Monodon monoceros</i>) from West Greenland. <i>Science of the Total Environment</i> , 2004, 331, 83-105.	8.0	36
139	Classifying grey seal behaviour in relation to environmental variability and commercial fishing activity - a multivariate hidden Markov model. <i>Scientific Reports</i> , 2019, 9, 5642.	3.3	36
140	Age- and Sex-Specific Mortality Patterns in an Emerging Wildlife Epidemic: The Phocine Distemper in European Harbour Seals. <i>PLoS ONE</i> , 2007, 2, e887.	2.5	35
141	Multiple Cytokine and Acute-Phase Protein Gene Transcription in West Greenland Sledge Dogs (<i>Canis</i>) Tj ETQq1 1 0.784314 rgBT /Over Contamination and Toxicology, 2007, 53, 110-118.	4.1	35
142	Validation of adipose lipid content as a body condition index for polar bears. <i>Ecology and Evolution</i> , 2014, 4, 516-527.	1.9	35
143	Greenland sledge dogs (<i>Canis familiaris</i>) develop liver lesions when exposed to a chronic and dietary low dose of an environmental organohalogen cocktail. <i>Environmental Research</i> , 2008, 106, 72-80.	7.5	34
144	Penile density and globally used chemicals in Canadian and Greenland polar bears. <i>Environmental Research</i> , 2015, 137, 287-291.	7.5	34

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145	Per- and polyfluoroalkyl substances (PFASs) – New endocrine disruptors in polar bears (<i>Ursus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 622 T	10.0	34
146	Influence of sea ice phenology on the movement ecology of ringed seals across their latitudinal range. <i>Marine Ecology - Progress Series</i> , 2016, 562, 237-250.	1.9	34
147	Histology of selected immunological organs in polar bear (<i>Ursus maritimus</i>) from East Greenland in relation to concentrations of organohalogen contaminants. <i>Science of the Total Environment</i> , 2005, 341, 119-132.	8.0	33
148	Organochlorines in Greenland glaucous gulls (<i>Larus hyperboreus</i>) and Icelandic gulls (<i>Larus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	8.0	32
149	Renal lesions in Greenland sledge dogs (<i>Canis familiaris</i>) exposed to a natural dietary cocktail of persistent organic pollutants. <i>Toxicological and Environmental Chemistry</i> , 2007, 89, 563-576.	1.2	32
150	Movements and site fidelity of harbour seals (<i>Phoca vitulina</i>) in Kattegat, Denmark, with implications for the epidemiology of the phocine distemper virus. <i>ICES Journal of Marine Science</i> , 2013, 70, 186-195.	2.5	32
151	Evaluation of the use of common sculpin (<i>Myoxocephalus scorpius</i>) organ histology as bioindicator for element exposure in the fjord of the mining area Maarmorilik, West Greenland. <i>Environmental Research</i> , 2014, 133, 304-311.	7.5	32
152	Diet of seals in the Baltic Sea region: a synthesis of published and new data from 1968 to 2013. <i>ICES Journal of Marine Science</i> , 2019, 76, 284-297.	2.5	32
153	Comparative fate of organohalogen contaminants in two top carnivores in Greenland: Captive sledge dogs and wild polar bears. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 147, 306-315.	2.6	31
154	Seasonal variation of mercury contamination in Arctic seabirds: A pan-Arctic assessment. <i>Science of the Total Environment</i> , 2021, 750, 142201.	8.0	31
155	The impact of mercury contamination on human health in the Arctic: A state of the science review. <i>Science of the Total Environment</i> , 2022, 831, 154793.	8.0	31
156	A study of metal concentrations and metallothionein binding capacity in liver, kidney and brain tissues of three Arctic seal species. <i>Science of the Total Environment</i> , 2009, 407, 6166-6172.	8.0	30
157	A screening of persistent organohalogenated contaminants in hair of East Greenland polar bears. <i>Science of the Total Environment</i> , 2010, 408, 5613-5618.	8.0	30
158	Alterations in thyroid hormone status in Greenland sledge dogs exposed to whale blubber contaminated with organohalogen compounds. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 157-163.	6.0	30
159	Progress on bringing together raptor collections in Europe for contaminant research and monitoring in relation to chemicals regulation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20132-20136.	5.3	30
160	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals. <i>Science of the Total Environment</i> , 2022, 829, 154445.	8.0	29
161	Liver and renal histopathology of North Atlantic long-finned pilot whales (<i>Globicephala</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 622 T <i>Environmental Chemistry</i> , 2010, 92, 969-985.	1.2	28
162	Temporal and life history related trends of perfluorochemicals in harbor porpoises from the Danish North Sea. <i>Marine Pollution Bulletin</i> , 2011, 62, 1476-1483.	5.0	28

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163	Spatial and temporal trends of selected trace elements in liver tissue from polar bears (<i>Ursus</i>) Tj ETQq1 1 0.784314,rgBT /Overlock 10 T	2.5	28
164	Fine-scale movement responses of free-ranging harbour porpoises to capture, tagging and short-term noise pulses from a single airgun. <i>Royal Society Open Science</i> , 2018, 5, 170110.	2.4	27
165	Chronic dietary exposure to environmental organochlorine contaminants induces thyroid gland lesions in Arctic foxes (<i>Vulpes lagopus</i>). <i>Environmental Research</i> , 2009, 109, 702-711.	7.5	26
166	Influence of carbon and lipid sources on variation of mercury and other trace elements in polar bears (<i>Ursus maritimus</i>). <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2739-2747.	4.3	26
167	Pollution threatens toothed whales. <i>Science</i> , 2018, 361, 1208-1208.	12.6	26
168	Temporal trends of legacy organochlorines in different white-tailed eagle (<i>Haliaeetus albicilla</i>) subpopulations: A retrospective investigation using archived feathers. <i>Environment International</i> , 2020, 138, 105618.	10.0	26
169	Short-term movements of long-finned pilot whales (<i>Globicephala melas</i>) around the Faroe Islands. <i>Wildlife Biology</i> , 2003, 9, 47-58.	1.4	25
170	Spatial and temporal variation in size of polar bear (<i>Ursus maritimus</i>) sexual organs and its use in pollution and climate change studies. <i>Science of the Total Environment</i> , 2007, 387, 237-246.	8.0	25
171	Shift of grey seal subspecies boundaries in response to climate, culling and conservation. <i>Molecular Ecology</i> , 2016, 25, 4097-4112.	3.9	25
172	A risk assessment of the effects of mercury on Baltic Sea, Greater North Sea and North Atlantic wildlife, fish and bivalves. <i>Environment International</i> , 2021, 146, 106178.	10.0	25
173	Status of the harbour seal (<i>Phoca vitulina</i>) in Southern Scandinavia. <i>NAMMCO Scientific Publications</i> , 0, 8, 77.	0.0	25
174	Temporal trends of cadmium and mercury in Greenland marine biota. <i>Science of the Total Environment</i> , 2000, 245, 49-60.	8.0	24
175	Trends in fluctuating asymmetry in East Greenland polar bears (<i>Ursus maritimus</i>) from 1892 to 2002 in relation to organohalogen pollution. <i>Science of the Total Environment</i> , 2005, 341, 81-96.	8.0	24
176	Skull pathology in East Greenland and Svalbard polar bears (<i>Ursus maritimus</i>) during 1892 to 2002 in relation to organochlorine pollution. <i>Science of the Total Environment</i> , 2007, 372, 554-561.	8.0	24
177	Dietary, age and trans-generational effects on the fate of organohalogen contaminants in captive sledge dogs in Greenland. <i>Environment International</i> , 2009, 35, 56-62.	10.0	24
178	Use of glacial fronts by narwhals (<i>Monodon monoceros</i>) in West Greenland. <i>Biology Letters</i> , 2016, 12, 20160457.	2.3	24
179	A review of pathogens in selected Baltic Sea indicator species. <i>Environment International</i> , 2020, 137, 105565.	10.0	24
180	An estimate of the fraction of belugas (<i>Delphinapterus leucas</i>) in the Canadian high Arctic that winter in West Greenland. <i>Polar Biology</i> , 2003, 26, 318-326.	1.2	23

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181	Steroid hormones in blood plasma from Greenland sledge dogs (<i>Canis familiaris</i>) dietary exposed to organohalogen polluted minke whale (<i>Balaenoptera acuterostrata</i>) blubber. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 273-286.	1.2	23
182	A veterinary perspective on One Health in the Arctic. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 84.	1.6	23
183	Killer whale movements on the Norwegian shelf are associated with herring density. <i>Marine Ecology - Progress Series</i> , 2021, 665, 217-231.	1.9	23
184	Emerging contaminants and biological effects in Arctic wildlife. <i>Trends in Ecology and Evolution</i> , 2021, 36, 421-429.	8.7	23
185	Movements of walrus (<i>Odobenus rosmarus</i>) between Central West Greenland and Southeast Baffin Island, 2005-2008. <i>NAMMCO Scientific Publications</i> , 0, 9, 53.	0.0	23
186	Mercury contamination and potential health risks to Arctic seabirds and shorebirds. <i>Science of the Total Environment</i> , 2022, 844, 156944.	8.0	23
187	Zinc, cadmium, mercury and selenium in polar bears (<i>Ursus maritimus</i>) from Central East Greenland. <i>Polar Biology</i> , 1995, 15, 175.	1.2	22
188	Potential correlation between perfluorinated acids and liver morphology in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Toxicological and Environmental Chemistry</i> , 2008, 90, 275-283.	1.2	22
189	Enlarged clitoris in wild polar bears (<i>Ursus maritimus</i>) can be misdiagnosed as pseudohermaphroditism. <i>Science of the Total Environment</i> , 2005, 337, 45-58.	8.0	21
190	Is there a link between hypospadias and organochlorine exposure in East Greenland sledge dogs (<i>Canis</i>)? <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1000-1006.	6.0	21
191	Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals (<i>Pusa hispida</i>). <i>Environmental Research</i> , 2016, 151, 244-250.	7.5	21
192	Endosulfan, Short-Chain Chlorinated Paraffins (SCCPs) and Octachlorostyrene in Wildlife from Greenland: Levels, Trends and Methodological Challenges. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 542-551.	4.1	21
193	Environmental drivers of harbour porpoise fine-scale movements. <i>Marine Biology</i> , 2018, 165, 95.	1.5	21
194	The history of seabird colonies and the North Water ecosystem: Contributions from palaeoecological and archaeological evidence. <i>Ambio</i> , 2018, 47, 175-192.	5.5	21
195	Common Eider (<i>Somateria Mollissima</i>) Body Condition and Parasitic Load during a Mortality Event in the Baltic Proper. <i>Avian Biology Research</i> , 2018, 11, 167-172.	0.9	21
196	Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. <i>Environmental Science & Technology</i> , 2021, 55, 4923-4931.	10.0	21
197	Feeding habits of a new Arctic predator: insight from full-depth blubber fatty acid signatures of Greenland, Faroe Islands, Denmark, and managed-care killer whales <i>Orcinus orca</i> . <i>Marine Ecology - Progress Series</i> , 2018, 603, 1-12.	1.9	21
198	Upside-down swimming behaviour of free-ranging narwhals. <i>BMC Ecology</i> , 2007, 7, 14.	3.0	20

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199	COMPARATIVE HEPATIC ACTIVITY OF XENOBIOTIC-METABOLIZING ENZYMES AND CONCENTRATIONS OF ORGANOHALOGENS AND THEIR HYDROXYLATED ANALOGUES IN CAPTIVE GREENLAND SLEDGE DOGS (CANIS) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.1	20
200	Temporal trend of mercury in polar bears (<i>Ursus maritimus</i>) from Svalbard using teeth as a biomonitoring tissue. <i>Journal of Environmental Monitoring</i> , 2012, 14, 56-63.	2.1	20
201	Temporal trends of selected POPs and the potential influence of climate variability in a Greenland ringed seal population. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1706.	3.5	20
202	Structure-Dependent <i>in Vitro</i> Metabolism of Alkyl-Substituted Analogues of Triphenyl Phosphate in East Greenland Polar Bears and Ringed Seals. <i>Environmental Science and Technology Letters</i> , 2018, 5, 214-219.	8.7	20
203	Bioaccumulation potential of bisphenols and benzophenone UV filters: A multiresidue approach in raptor tissues. <i>Science of the Total Environment</i> , 2020, 741, 140330.	8.0	20
204	Status of the harbour porpoise in Greenland. <i>Polar Biology</i> , 1998, 19, 211-220.	1.2	19
205	OCCURRENCE OF VERTEBRAL OSTEOPHYTOSIS IN A MUSEUM SAMPLE OF WHITE-BEAKED DOLPHINS (LAGENORHYNCHUS ALBIROSTRIS) FROM DANISH WATERS. <i>Journal of Wildlife Diseases</i> , 2009, 45, 19-28.	0.8	19
206	Developing a new research tool for use in free-ranging cetaceans: recovering cortisol from harbour porpoise skin. , 2015, 3, cov016.		19
207	Evaluation of the Greenland AMAP programme 1994-1995, by use of power analysis (illustrated by) Tj ETQq1 1 0.784314 rgBT /Overlock 10	8.0	18
208	Differences in growth, size and sexual dimorphism in skulls of East Greenland and Svalbard polar bears (<i>Ursus maritimus</i>). <i>Polar Biology</i> , 2008, 31, 945-958.	1.2	18
209	Mass mortality in harbour seals and harbour porpoises caused by an unknown pathogen. <i>Veterinary Record</i> , 2008, 162, 555-556.	0.3	18
210	A simple route to single nucleotide polymorphisms in a nonmodel species: identification and characterization of SNPs in the Arctic ringed seal (<i>Pusa hispida hispida</i>). <i>Molecular Ecology Resources</i> , 2011, 11, 9-19.	4.8	18
211	Thyroid gland lesions in organohalogen contaminated East Greenland polar bears (<i>Ursus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	18
212	Accumulation and potential health effects of organohalogenated compounds in the arctic fox (<i>Vulpes lagopus</i>) - a review. <i>Science of the Total Environment</i> , 2015, 502, 510-516.	8.0	18
213	Exposure to Persistent Organic Pollutants Reduces Testosterone Concentrations and Affects Sperm Viability and Morphology during the Mating Peak Period in a Controlled Experiment on Farmed Arctic Foxes (<i>Vulpes lagopus</i>). <i>Environmental Science & Technology</i> , 2017, 51, 4673-4680.	10.0	18
214	Silent porpoise: potential sleeping behaviour identified in wild harbour porpoises. <i>Animal Behaviour</i> , 2017, 133, 211-222.	1.9	18
215	Two Decades of Mercury Concentrations in Barents Sea Polar Bears (<i>Ursus maritimus</i>) in Relation to Dietary Carbon, Sulfur, and Nitrogen. <i>Environmental Science & Technology</i> , 2020, 54, 7388-7397.	10.0	18
216	Analysis of narwhal tusks reveals lifelong feeding ecology and mercury exposure. <i>Current Biology</i> , 2021, 31, 2012-2019.e2.	3.9	18

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217	Ursidibacter maritimus gen. nov., sp. nov. and Ursidibacter arcticus sp. nov., two new members of the family Pasteurellaceae isolated from the oral cavity of bears. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3683-3689.	1.7	18
218	Genetic population structure of minke whales Balaenoptera acutorostrata from Greenland, the North East Atlantic and the North Sea probably reflects different ecological regions. Marine Ecology - Progress Series, 2003, 247, 263-280.	1.9	18
219	Glacial ice supports a distinct and undocumented polar bear subpopulation persisting in late 21st-century sea-ice conditions. Science, 2022, 376, 1333-1338.	12.6	18
220	Levels and temporal trends of PCDD/PCDFs and non-ortho PCBs in ringed seals from East Greenland. Marine Pollution Bulletin, 2005, 50, 1523-1529.	5.0	17
221	Does the nutrition profile of vitamins, fatty acids and microelements counteract the negative impact from organohalogen pollutants on bone mineral density in Greenland sledge dogs (Canis familiaris)? Environment International, 2008, 34, 811-820.	10.0	17
222	Temporal and Spatial Variation in Metric Asymmetry in Skulls of Polar Bears (Ursus maritimus) from East Greenland and Svalbard. Annales Zoologici Fennici, 2008, 45, 15-31.	0.6	17
223	Organohalogenes in A Whale-Blubber-Supplemented Diet Affects Hepatic Retinol and Renal Tocopherol Concentrations in Greenland Sled Dogs (Canis familiaris). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 773-786.	2.3	17
224	Spatial trends of perfluorochemicals in harbor seals (Phoca vitulina) from Danish waters. Science of the Total Environment, 2012, 414, 732-737.	8.0	17
225	Persistent organic pollutants, skull size and bone density of polar bears (Ursus maritimus) from East Greenland 1892â€“2015 and Svalbard 1964â€“2004. Environmental Research, 2018, 162, 74-80.	7.5	17
226	Population Wide Decline in Somatic Growth in Harbor Sealsâ€”Early Signs of Density Dependence. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	17
227	Temporal trends of mercury differ across three northern white-tailed eagle (Haliaeetus albicilla) subpopulations. Science of the Total Environment, 2019, 687, 77-86.	8.0	17
228	Levels and temporal trends of HCH isomers in ringed seals from West and East Greenland. Journal of Environmental Monitoring, 2008, 10, 935.	2.1	16
229	Temporal monitoring of liver and kidney lesions in contaminated East Greenland polar bears (Ursus) Tj ETQq1 1 0.784314 rgBT /Overl	10.0	16
230	Xenoestrogenic and dioxin-like activity in blood of East Greenland polar bears (Ursus maritimus). Chemosphere, 2013, 92, 583-591.	8.2	16
231	Physiologically based pharmacokinetic modeling of POPs in Greenlanders. Environment International, 2014, 64, 91-97.	10.0	16
232	Assessing auditory evoked potentials of wild harbor porpoises (Phocoena phocoena). Journal of the Acoustical Society of America, 2016, 140, 442-452.	1.1	16
233	Using energy budgets to combine ecology and toxicology in a mammalian sentinel species. Scientific Reports, 2017, 7, 46267.	3.3	16
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236	An evaluation of teeth of ringed seals (<i>Phoca hispida</i>) from Greenland as a matrix to monitor spatial and temporal trends of mercury and stable isotopes. <i>Science of the Total Environment</i> , 2010, 408, 5137-5146.	8.0	15
237	Tissue healing in two harbor porpoises (<i>Phocoena phocoena</i>) following long-term satellite transmitter attachment. <i>Marine Mammal Science</i> , 2012, 28, E316.	1.8	15
238	Geographic, seasonal, and diurnal surface behavior of harbor porpoises. <i>Marine Mammal Science</i> , 2013, 29, E60.	1.8	15
239	Marine mammal hotspots in the Greenland and Barents Seas. <i>Marine Ecology - Progress Series</i> , 2021, 659, 3-28.	1.9	15
240	Comparing Distribution of Harbour Porpoises (<i>Phocoena phocoena</i>) Derived from Satellite Telemetry and Passive Acoustic Monitoring. <i>PLoS ONE</i> , 2016, 11, e0158788.	2.5	15
241	Grey seal (<i>Halichoerus grypus</i>) recolonisation of the southern Baltic Sea, Danish Straits and Kattegat. <i>Wildlife Biology</i> , 2020, 2020, 1-10.	1.4	15
242	Influence of environmental variability on harbour porpoise movement. <i>Marine Ecology - Progress Series</i> , 2020, 648, 207-219.	1.9	15
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244	In search of virus carriers of the 1988 and 2002 phocine distemper virus outbreaks in European harbour seals. <i>Archives of Virology</i> , 2008, 153, 187-192.	2.1	14
245	Temporal trends of mercury in Greenland ringed seal populations in a warming climate. <i>Journal of Environmental Monitoring</i> , 2012, 14, 3249.	2.1	14
246	Liver and renal lesions in mercury-contaminated narwhals (<i>Monodon monoceros</i>) from North West Greenland. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1-14.	1.2	14
247	Modeling Population-Level Consequences of Polychlorinated Biphenyl Exposure in East Greenland Polar Bears. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 143-154.	4.1	14
248	Lead and Other Trace Elements in Danish Birds of Prey. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 77, 359-367.	4.1	14
249	Stock identity of beluga (<i>Delphinapterus leucas</i>) in Eastern Canada and West Greenland based on organochlorine contaminants in their blubber. <i>NAMMCO Scientific Publications</i> , 0, 4, 51.	0.0	14
250	Total mercury in hair of polar bears (<i>Ursus maritimus</i>) from Greenland and Svalbard. <i>Polar Research</i> , 1991, 9, 113-120.	1.6	13
251	The effect of a large Danish offshore wind farm on harbor and gray seal haul-out behavior. <i>Marine Mammal Science</i> , 2009, 26, 614.	1.8	13
252	Trans-generational and neonatal humoral immune responses in West Greenland sledge dogs (<i>Canis</i>) <i>Environment</i> , 2010, 408, 5801-5807.	8.0	13

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253	Altered vitamin D status in liver tissue and blood plasma from Greenland sledge dogs (<i>Canis lupus arcticus</i>) and their owners. <i>Environmental Toxicology and Environmental Safety</i> , 2014, 104, 403-408.	6.0	13
254	A novel method for analysing key corticosteroids in polar bear (<i>Ursus maritimus</i>) hair using liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1017-1018, 45-51.	2.3	13
255	Body mass, mercury exposure, biochemistry and untargeted metabolomics of incubating common eiders (<i>Somateria mollissima</i>) in three Baltic colonies. <i>Environment International</i> , 2020, 142, 105866.	10.0	13
256	Regional variation of caesium-137 in minke whales <i>Balaenoptera acutorostrata</i> from West Greenland, the Northeast Atlantic and the North Sea. <i>Polar Biology</i> , 2002, 25, 907-913.	1.2	12
257	A simple method to reduce the risk of cadmium exposure from consumption of Iceland scallops (<i>Chlamys islandica</i>) fished in Greenland. <i>Environment International</i> , 2014, 69, 100-103.	10.0	12
258	Risk evaluation of the Arctic environmental POP exposure based on critical body residue and critical daily dose using captive Greenland sledge dogs (<i>Canis familiaris</i>) as surrogate species. <i>Environment International</i> , 2016, 88, 221-227.	10.0	12
259	Persistent organic pollutants and penile bone mineral density in East Greenland and Canadian polar bears (<i>Ursus maritimus</i>) during 1996–2015. <i>Environment International</i> , 2018, 114, 212-218.	10.0	12
260	Interactions of climate, socio-economics, and global mercury pollution in the North Water. <i>Ambio</i> , 2018, 47, 281-295.	5.5	12
261	Migratory and diurnal activity of North Atlantic killer whales (<i>Orcinus orca</i>) off northern Norway. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 533, 151456.	1.5	12
262	The Baltic Sea: An ecosystem with multiple stressors. <i>Environment International</i> , 2021, 147, 106324.	10.0	12
263	Craniometric characteristics of polar bear skulls from two periods with contrasting levels of industrial pollution and sea ice extent. <i>Journal of Zoology</i> , 2009, 279, 321-328.	1.7	11
264	Testosterone concentrations and male genital organ morphology in Greenland sledge dogs (<i>Canis lupus arcticus</i>). <i>Environmental Toxicology and Chemistry</i> , 2010, 92, 955-967.	1.2	11
265	Allee effect in polar bears: a potential consequence of polychlorinated biphenyl contamination. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161883.	2.6	11
266	Spatiotemporal variation in home range size of female polar bears and correlations with individual contaminant load. <i>Polar Biology</i> , 2016, 39, 1479-1489.	1.2	11
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268	Histopathological effects of short-term aqueous exposure to environmentally relevant concentration of lead (Pb) in shorthorn sculpin (<i>Myoxocephalus scorpius</i>) under laboratory conditions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61423-61440.	5.3	11
269	Phylogenomic insights to the origin and spread of phocine distemper virus in European harbour seals in 1988 and 2002. <i>Diseases of Aquatic Organisms</i> , 2019, 133, 47-56.	1.0	11
270	Identification and Characterization of Tandem Repeats in Exon III of Dopamine Receptor D4 (DRD4) Genes from Different Mammalian Species. <i>DNA and Cell Biology</i> , 2005, 24, 795-804.	1.9	10

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271	Mineral density and biomechanical properties of bone tissue from male Arctic foxes (<i>Vulpes lagopus</i>) exposed to organochlorine contaminants and emaciation. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 97-103.	2.6	10
272	Skull Foramina Asymmetry in East Greenland and Svalbard Polar Bears (<i>Ursus maritimus</i>) in Relation to Stressful Environments. <i>Annales Zoologici Fennici</i> , 2009, 46, 181-192.	0.6	10
273	Human exposure to PFOS and mercury through meat from baltic harbour seals (<i>Phoca vitulina</i>). <i>Environmental Research</i> , 2019, 175, 376-383.	7.5	10
274	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
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