

Rune Dietz

List of Publications by Year in descending order

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Version: 2024-02-01

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	Background 210Po activity concentrations in Greenland marine biota and dose assessment. <i>Science of the Total Environment</i> , 2022, 806, 150508.	8.0	9
2	Origin and expansion of the world's most widespread pinniped: Range-wide population genomics of the harbour seal (<i>Phoca vitulina</i>). <i>Molecular Ecology</i> , 2022, 31, 1682-1699.	3.9	9
3	Spatial variation in mercury concentrations in polar bear (<i>Ursus maritimus</i>) hair from the Norwegian and Russian Arctic. <i>Science of the Total Environment</i> , 2022, 822, 153572.	8.0	2
4	Number of Primordial Follicles in Juvenile Ringed Seals (<i>Pusa hispida</i>) from the Gulf of Bothnia and West Greenland. <i>Animals</i> , 2022, 12, 669.	2.3	0
5	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
6	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
7	Anthropogenic and Climatic Drivers of Long-Term Changes of Mercury and Feeding Ecology in Arctic Beluga (<i>Delphinapterus leucas</i>) Populations. <i>Environmental Science & Technology</i> , 2022, 56, 271-281.	10.0	9
8	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
9	Marine mammal hotspots across the circumpolar Arctic. <i>Diversity and Distributions</i> , 2022, 28, 2729-2753.	4.1	8
10	Validation of quantitative fatty acid signature analysis for estimating the diet composition of free-ranging killer whales. <i>Scientific Reports</i> , 2022, 12, 7938.	3.3	4
11	An assessment of mercury and its dietary drivers in fur of Arctic wolves from Greenland and High Arctic Canada. <i>Science of the Total Environment</i> , 2022, 838, 156171.	8.0	5
12	Glacial ice supports a distinct and undocumented polar bear subpopulation persisting in late 21st-century sea-ice conditions. <i>Science</i> , 2022, 376, 1333-1338.	12.6	18
13	Mercury contamination and potential health risks to Arctic seabirds and shorebirds. <i>Science of the Total Environment</i> , 2022, 844, 156944.	8.0	23
14	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
15	Forecasting shifts in habitat suitability of three marine predators suggests a rapid decline in inter-specific overlap under future climate change. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	1
16	Special issue on the AMAP 2021 assessment of mercury in the Arctic. <i>Science of the Total Environment</i> , 2022, 843, 157020.	8.0	5
17	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
18	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

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19	Marine mammal hotspots in the Greenland and Barents Seas. <i>Marine Ecology - Progress Series</i> , 2021, 659, 3-28.	1.9	15
20	The Baltic Sea: An ecosystem with multiple stressors. <i>Environment International</i> , 2021, 147, 106324.	10.0	12
21	Genomic sex identification of ancient pinnipeds using the dog genome. <i>Journal of Archaeological Science</i> , 2021, 127, 105321.	2.4	7
22	Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. <i>Environmental Science & Technology</i> , 2021, 55, 4923-4931.	10.0	21
23	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
24	Emerging contaminants and biological effects in Arctic wildlife. <i>Trends in Ecology and Evolution</i> , 2021, 36, 421-429.	8.7	23
25	Analysis of narwhal tusks reveals lifelong feeding ecology and mercury exposure. <i>Current Biology</i> , 2021, 31, 2012-2019.e2.	3.9	18
26	Locust epidemic in Africa raises environmental concerns. <i>Chemosphere</i> , 2021, 270, 129454.	8.2	1
27	Mercury and neurochemical biomarkers in multiple brain regions of five Arctic marine mammals. <i>NeuroToxicology</i> , 2021, 84, 136-145.	3.0	9
28	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
29	Mercury exposure and risk assessment for Eurasian otters (<i>Lutra lutra</i>) in Denmark. <i>Chemosphere</i> , 2021, 272, 129608.	8.2	8
30	Changes in blood biochemistry of incubating Baltic Common Eiders (<i>Somateria mollissima</i>). <i>Journal of Ornithology</i> , 2020, 161, 25-33.	1.1	4
31	Factors affecting global flow of scientific knowledge in environmental sciences. <i>Science of the Total Environment</i> , 2020, 701, 135012.	8.0	8
32	Response to comments on "Factors affecting global flow of scientific knowledge in environmental sciences" by Pourret et al.. <i>Science of the Total Environment</i> , 2020, 721, 136528.	8.0	0
33	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
34	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
35	Haematology and clinical blood chemistry in harbour porpoises (<i>Phocoena phocoena</i>) from the inner Danish waters. <i>Environment International</i> , 2020, 143, 105937.	10.0	6
36	Climate-associated drivers of plasma cytokines and contaminant concentrations in Beaufort Sea polar bears (<i>Ursus maritimus</i>). <i>Science of the Total Environment</i> , 2020, 745, 140978.	8.0	7

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37	Variation in skull bone mineral density of ringed seals (<i>Phoca hispida</i>) from the Gulf of Bothnia and West Greenland between 1829 and 2019. <i>Environment International</i> , 2020, 143, 105968.	10.0	5
38	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
39	Life cycle bioenergetics of the gray seal (<i>Halichoerus grypus</i>) in the Baltic Sea: Population response to environmental stress. <i>Environment International</i> , 2020, 145, 106145.	10.0	16
40	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
41	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
42	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
43	Deep diving harbor seals (<i>Phoca vitulina</i>) in South Greenland: movements, diving, haul-out and breeding activities described by telemetry. <i>Polar Biology</i> , 2020, 43, 359-368.	1.2	7
44	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
45	Arctic-adapted dogs emerged at the Pleistocene–Holocene transition. <i>Science</i> , 2020, 368, 1495-1499.	12.6	60
46	Seroprevalence of avian influenza in Baltic common eiders (<i>Somateria mollissima</i>) and pink-footed geese (<i>Anser brachyrhynchus</i>). <i>Environment International</i> , 2020, 142, 105873.	10.0	4
47	Influence of climate and biological variables on temporal trends of persistent organic pollutants in Arctic char and ringed seals from Greenland. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 993-1005.	3.5	4
48	Lead concentrations in blood from incubating common eiders (<i>Somateria mollissima</i>) in the Baltic Sea. <i>Environment International</i> , 2020, 137, 105582.	10.0	7
49	A review of pathogens in selected Baltic Sea indicator species. <i>Environment International</i> , 2020, 137, 105565.	10.0	24
50	Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. <i>Environment International</i> , 2020, 139, 105725.	10.0	67
51	Sled Dogs as Sentinel Species for Monitoring Arctic Ecosystem Health. , 2020, , 21-45.		2
52	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
53	Influence of environmental variability on harbour porpoise movement. <i>Marine Ecology - Progress Series</i> , 2020, 648, 207-219.	1.9	15
54	Liver histopathology of Baltic grey seals (<i>Halichoerus grypus</i>) over three decades. <i>Environment International</i> , 2020, 145, 106110.	10.0	0

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55	Variation of Male "Male Aggression Patterns in Harbor Seals (<i>Phoca vitulina</i>). <i>Aquatic Mammals</i> , 2020, 46, 119-123.	0.7	4
56	Polar Bear (<i>Ursus maritimus</i>). , 2020, , 196-212.		0
57	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
58	Are vitamins A and E associated with persistent organic pollutants and fatty acids in the blubber of highly contaminated killer whales (<i>Orcinus orca</i>) from Greenland?. <i>Environmental Research</i> , 2019, 177, 108602.	7.5	8
59	Response to L. Witting: PCBs still a major risk for global killer whale populations. <i>Marine Mammal Science</i> , 2019, 35, 1201-1206.	1.8	4
60	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
61	New funds needed to cover open-access costs. <i>Nature</i> , 2019, 575, 51-51.	27.8	3
62	Aviation, melting sea-ice and polar bears. <i>Environment International</i> , 2019, 133, 105279.	10.0	4
63	Pig slurry needs modifications to be a sustainable fertilizer in crop production. <i>Environmental Research</i> , 2019, 178, 108718.	7.5	5
64	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
65	Environmental contaminants modulate the transcriptional activity of polar bear (<i>Ursus maritimus</i>) and human peroxisome proliferator-activated receptor alpha (PPARA). <i>Scientific Reports</i> , 2019, 9, 6918.	3.3	16
66	Temporal trends of mercury differ across three northern white-tailed eagle (<i>Haliaeetus albicilla</i>) subpopulations. <i>Science of the Total Environment</i> , 2019, 687, 77-86.	8.0	17
67	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
68	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
69	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
70	Nunavut's ill-advised hunting proposal. <i>Science</i> , 2019, 364, 539-539.	12.6	1
71	Japans commercial whaling is a threat to public health. <i>Science of the Total Environment</i> , 2019, 680, 10-12.	8.0	0
72	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

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73	Diet of seals in the Baltic Sea region: a synthesis of published and new data from 1968 to 2013. ICES Journal of Marine Science, 2019, 76, 284-297.	2.5	32
74	Killer whales call for further protection. Environment International, 2019, 126, 443-444.	10.0	2
75	Classifying grey seal behaviour in relation to environmental variability and commercial fishing activity - a multivariate hidden Markov model. Scientific Reports, 2019, 9, 5642.	3.3	36
76	Age and seasonal variation in testis and baculum morphology in East Greenland polar bears (<i>Ursus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Research, 2019, 173, 246-254.	7.5	7
77	Abundance and species diversity hotspots of tracked marine predators across the North American Arctic. Diversity and Distributions, 2019, 25, 328-345.	4.1	42
78	State of knowledge on current exposure, fate and potential health effects of contaminants in polar bears from the circumpolar Arctic. Science of the Total Environment, 2019, 664, 1063-1083.	8.0	106
79	Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191929.	2.6	38
80	Time to ban lead hunting ammunition. Science, 2019, 366, 961-962.	12.6	6
81	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. Science of the Total Environment, 2019, 649, 99-110.	8.0	150
82	Variation in non-metrical skull traits of polar bears (<i>Ursus maritimus</i>) and relationships across East Greenland and adjacent subpopulations (1830â€“2013). Polar Biology, 2019, 42, 461-474.	1.2	3
83	Phylogenomic insights to the origin and spread of phocine distemper virus in European harbour seals in 1988 and 2002. Diseases of Aquatic Organisms, 2019, 133, 47-56.	1.0	11
84	A field effort to capture critically endangered vaquitas <i>Phocoena sinus</i> for protection from entanglement in illegal gillnets. Endangered Species Research, 2019, 38, 11-27.	2.4	77
85	Structure-Dependent <i>in vitro</i> Metabolism of Alkyl-Substituted Analogues of Triphenyl Phosphate in East Greenland Polar Bears and Ringed Seals. Environmental Science and Technology Letters, 2018, 5, 214-219.	8.7	20
86	Persistent organic pollutants and penile bone mineral density in East Greenland and Canadian polar bears (<i>Ursus maritimus</i>) during 1996â€“2015. Environment International, 2018, 114, 212-218.	10.0	12
87	Seroprevalence for <i>Brucella</i> spp. in Baltic ringed seals (<i>Phoca hispida</i>) and East Greenland harp (<i>Pagophilus groenlandicus</i>) and hooded (<i>Cystophora cristata</i>) seals. Veterinary Immunology and Immunopathology, 2018, 198, 14-18.	1.2	8
88	Environmental contaminant mixtures modulate <i>in vitro</i> influenza infection. Science of the Total Environment, 2018, 634, 20-28.	8.0	7
89	Hepatic and renal histology and mercury concentrations of North West and North East Greenland narwhals (<i>Monodon monoceros</i>). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 202-211.	2.3	6
90	High rates of vessel noise disrupt foraging in wild harbour porpoises (<i>Phocoena phocoena</i>). Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172314.	2.6	130

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91	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
92	Morphometric, molecular and histopathologic description of hepatic infection by <i>Orthosplanchnus arcticus</i> (Trematoda: Digenea: Brachycladiidae) in ringed seals (<i>Pusa hispida</i>) from Northwest Greenland. <i>Polar Biology</i> , 2018, 41, 1019-1025.	1.2	2
93	Immune function in arctic mammals: Natural killer (NK) cell-like activity in polar bear, muskox and reindeer. <i>Veterinary Immunology and Immunopathology</i> , 2018, 195, 72-75.	1.2	3
94	Persistent organic pollutants, skull size and bone density of polar bears (<i>Ursus maritimus</i>) from East Greenland 1892–2015 and Svalbard 1964–2004. <i>Environmental Research</i> , 2018, 162, 74-80.	7.5	17
95	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
96	Environmental drivers of harbour porpoise fine-scale movements. <i>Marine Biology</i> , 2018, 165, 95.	1.5	21
97	Prevalence of antibodies against <i>Brucella</i> spp. in West Greenland polar bears (<i>Ursus maritimus</i>) and East Greenland muskoxen (<i>Ovibos moschatus</i>). <i>Polar Biology</i> , 2018, 41, 1671-1680.	1.2	2
98	Interactions of climate, socio-economics, and global mercury pollution in the North Water. <i>Ambio</i> , 2018, 47, 281-295.	5.5	12
99	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
100	Prevalence of skull pathologies in European harbor seals (<i>Phoca vitulina</i>) during 1981–2014. <i>Mammal Research</i> , 2018, 63, 55-63.	1.3	5
101	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
102	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
103	Histology of Sculpin spp. in East Greenland. II. Histopathology and trace element concentrations. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 769-784.	1.2	3
104	Histology of Sculpin spp. in east Greenland. I. Histological measures. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 607-628.	1.2	3
105	Population genomics of grey wolves and wolf-like canids in North America. <i>PLoS Genetics</i> , 2018, 14, e1007745.	3.5	54
106	Predicting global killer whale population collapse from PCB pollution. <i>Science</i> , 2018, 361, 1373-1376.	12.6	252
107	Polar bear health in environmental science and translational medicine. <i>Environment International</i> , 2018, 121, 296.	10.0	0
108	Pollution threatens toothed whales. <i>Science</i> , 2018, 361, 1208-1208.	12.6	26

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109	Population Wide Decline in Somatic Growth in Harbor Seals – Early Signs of Density Dependence. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	17
110	Immunotoxic Effects of Environmental Pollutants in Marine Mammals. , 2018, , 321-343.		3
111	Greenland sled dogs at risk of extinction. <i>Science</i> , 2018, 360, 1080-1080.	12.6	8
112	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
113	Incubation Behaviour of Common Eiders <i>Somateria mollissima</i> in the Central Baltic: Nest Attendance and Loss in Body Mass. <i>Acrocephalus</i> , 2018, 39, 91-100.	0.4	8
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	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
116	Steroid hormones in multiple tissues of East Greenland polar bears (<i>Ursus maritimus</i>). <i>Polar Biology</i> , 2017, 40, 37-49.	1.2	6
117	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
118	A rapid analytical method to quantify complex organohalogen contaminant mixtures in large samples of high lipid mammalian tissues. <i>Chemosphere</i> , 2017, 176, 243-248.	8.2	11
119	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
120	Silent porpoise: potential sleeping behaviour identified in wild harbour porpoises. <i>Animal Behaviour</i> , 2017, 133, 211-222.	1.9	18
121	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
122	Using energy budgets to combine ecology and toxicology in a mammalian sentinel species. <i>Scientific Reports</i> , 2017, 7, 46267.	3.3	16
123	Performance and retention of lightweight satellite radio tags applied to the ears of polar bears (<i>Ursus maritimus</i>). <i>Animal Biotelemetry</i> , 2017, 5, .	1.9	9
124	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
125	A veterinary perspective on One Health in the Arctic. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 84.	1.6	23
126	The Danish Polar Bear Skull Collection 1830 – 2016. <i>Arctic</i> , 2017, 70, 334.	0.4	0

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127	IPY BearHealth: Polar Bear (<i>Ursus maritimus</i>) Circumpolar Health Assessment in Relation to Persistent Pollutants and Climate Change. From Pole To Pole, 2016, , 203-227.	0.1	0
128	Allee effect in polar bears: a potential consequence of polychlorinated biphenyl contamination. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161883.	2.6	11
129	Use of glacial fronts by narwhals (<i>Monodon monoceros</i>) in West Greenland. Biology Letters, 2016, 12, 20160457.	2.3	24
130	Assessing auditory evoked potentials of wild harbor porpoises (<i>Phocoena phocoena</i>). Journal of the Acoustical Society of America, 2016, 140, 442-452.	1.1	16
131	A novel method for analysing key corticosteroids in polar bear (<i>Ursus maritimus</i>) hair using liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1017-1018, 45-51.	2.3	13
132	Per- and polyfluoroalkyl substances (PFASs) – New endocrine disruptors in polar bears (<i>Ursus</i>)	10.0	34
133	Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals (<i>Pusa hispida</i>). Environmental Research, 2016, 151, 244-250.	7.5	21
134	Shift of grey seal subspecies boundaries in response to climate, culling and conservation. Molecular Ecology, 2016, 25, 4097-4112.	3.9	25
135	Vitamins A and E in liver, kidney, and whole blood of East Greenland polar bears sampled 1994–2008: reference values and temporal trends. Polar Biology, 2016, 39, 743-754.	1.2	7
136	Spatiotemporal variation in home range size of female polar bears and correlations with individual contaminant load. Polar Biology, 2016, 39, 1479-1489.	1.2	11
137	Impacts of Underwater Noise on Marine Vertebrates: Project Introduction and First Results. Advances in Experimental Medicine and Biology, 2016, 875, 631-636.	1.6	1
138	Observation of emerging per- and polyfluoroalkyl substances (PFASs) in Greenland marine mammals. Chemosphere, 2016, 144, 2384-2391.	8.2	174
139	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. Environment International, 2016, 88, 221-227.	10.0	12
140	Phocine distemper virus (PDV) seroprevalence as predictor for future outbreaks in harbour seals. Veterinary Microbiology, 2016, 183, 43-49.	1.9	7
141	Review of Low-Level Bioacoustic Behavior in Wild Cetaceans: Conservation Implications of Possible Sleeping Behavior. Advances in Experimental Medicine and Biology, 2016, 875, 1251-1258.	1.6	0
142	Immunotoxic effects of environmental pollutants in marine mammals. Environment International, 2016, 86, 126-139.	10.0	292
143	Modeling Population-Level Consequences of Polychlorinated Biphenyl Exposure in East Greenland Polar Bears. Archives of Environmental Contamination and Toxicology, 2016, 70, 143-154.	4.1	14
144	Comparing Distribution of Harbour Porpoises (<i>Phocoena phocoena</i>) Derived from Satellite Telemetry and Passive Acoustic Monitoring. PLoS ONE, 2016, 11, e0158788.	2.5	15

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145	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
146	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
147	Thyroid hormones and deiodinase activities in plasma and tissues from East Greenland polar bears (<i>Ursus maritimus</i>) during winter season. <i>Polar Biology</i> , 2015, 38, 1285-1296.	1.2	3
148	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
149	Developing a new research tool for use in free-ranging cetaceans: recovering cortisol from harbour porpoise skin. , 2015, 3, cov016.		19
150	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
151	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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161	<i>Ursidibacter maritimus</i> gen. nov., sp. nov. and <i>Ursidibacter arcticus</i> sp. nov., two new members of the family Pasteurellaceae isolated from the oral cavity of bears. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3683-3689.	1.7	18
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236	Testosterone concentrations and male genital organ morphology in Greenland sledge dogs (<i>Canis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemistry, 2010, 92, 955-967.	1.2	11
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249	Chronic dietary exposure to environmental organochlorine contaminants induces thyroid gland lesions in Arctic foxes (<i>Vulpes lagopus</i>). Environmental Research, 2009, 109, 702-711.	7.5	26
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258	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
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268	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
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286	Time Trends of Mercury in Feathers of West Greenland Birds of Prey During 1851âˆ”2003. <i>Environmental Science & Technology</i> , 2006, 40, 5911-5916.	10.0	52
287	Trends in Mercury in Hair of Greenlandic Polar Bears (<i>Ursus maritimus</i>) during 1892âˆ”2001. <i>Environmental Science & Technology</i> , 2006, 40, 1120-1125.	10.0	90
288	Xenoendocrine Pollutants May Reduce Size of Sexual Organs in East Greenland Polar Bears (<i>Ursus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	10.0	108

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289	ARE ORGANOHALOGEN CONTAMINANTS A COFACTOR IN THE DEVELOPMENT OF RENAL LESIONS IN EAST GREENLAND POLAR BEARS (URSUS MARITIMUS)?. Environmental Toxicology and Chemistry, 2006, 25, 1551.	4.3	60
290	The 1988 and 2002 phocine distemper virus epidemics in European harbour seals. Diseases of Aquatic Organisms, 2006, 68, 115-130.	1.0	215
291	Perfluoroalkyl contaminants in liver tissue from East Greenland polar bears (Ursus maritimus). Environmental Toxicology and Chemistry, 2005, 24, 981-986.	4.3	109
292	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
293	Enlarged clitoris in wild polar bears (Ursus maritimus) can be misdiagnosed as pseudohermaphroditism. Science of the Total Environment, 2005, 337, 45-58.	8.0	21
294	Trends in fluctuating asymmetry in East Greenland polar bears (Ursus maritimus) from 1892 to 2002 in relation to organohalogen pollution. Science of the Total Environment, 2005, 341, 81-96.	8.0	24
295	Histology of selected immunological organs in polar bear (Ursus maritimus) from East Greenland in relation to concentrations of organohalogen contaminants. Science of the Total Environment, 2005, 341, 119-132.	8.0	33
296	Chlorinated hydrocarbon contaminants and metabolites in polar bears (Ursus maritimus) from Alaska, Canada, East Greenland, and Svalbard: 1996-2002. Science of the Total Environment, 2005, 351-352, 369-390.	8.0	113
297	Do Organohalogen Contaminants Contribute to Histopathology in Liver from East Greenland Polar Bears (Ursus maritimus)?. Environmental Health Perspectives, 2005, 113, 1569-1574.	6.0	62
298	Identification and Characterization of Tandem Repeats in Exon III of Dopamine Receptor D4 (DRD4) Genes from Different Mammalian Species. DNA and Cell Biology, 2005, 24, 795-804.	1.9	10
299	AN IMMUNOHISTOCHEMICAL STUDY OF RETINOL-BINDING PROTEIN (RBP) IN LIVERS OF FREE-LIVING POLAR BEARS (URSUS MARITIMUS) FROM EAST GREENLAND. Journal of Zoo and Wildlife Medicine, 2005, 36, 440-446.	0.6	4
300	Circumpolar Study of Perfluoroalkyl Contaminants in Polar Bears (Ursus maritimus). Environmental Science & Technology, 2005, 39, 5517-5523.	10.0	159
301	Temporal and Spatial Trends of Perfluorinated Compounds in Ringed Seal (Phoca hispida) from Greenland. Environmental Science & Technology, 2005, 39, 7416-7422.	10.0	121
302	Preliminary screening of perfluorooctane sulfonate (PFOS) and other fluorochemicals in fish, birds and marine mammals from Greenland and the Faroe Islands. Environmental Pollution, 2005, 136, 323-329.	7.5	176
303	Is Bone Mineral Composition Disrupted by Organochlorines in East Greenland Polar Bears (Ursus) Tj ETQq1 1 0.784314 rgBT /Overloc	6.0	103
304	Fractal analysis of narwhal space use patterns. Zoology, 2004, 107, 3-11.	1.2	42
305	Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear (Ursus) Tj ETQq1 1 0.784314 rgBT /Overloc	8.0	111
306	Levels and spatial and temporal trends of contaminants in Greenland biota: an updated review. Science of the Total Environment, 2004, 331, 29-52.	8.0	107

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307	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
308	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
309	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
310	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
311	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
312	The migratory behaviour of narwhals (<i>Monodon monoceros</i>). <i>Canadian Journal of Zoology</i> , 2003, 81, 1298-1305.	1.0	84
313	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
314	Genetic population structure of minke whales <i>Balaenoptera acutorostrata</i> from Greenland, the North East Atlantic and the North Sea probably reflects different ecological regions. <i>Marine Ecology - Progress Series</i> , 2003, 247, 263-280.	1.9	18
315	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
316	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
317	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
318	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
319	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
320	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
321	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
322	An assessment of selenium to mercury in Greenland marine animals. <i>Science of the Total Environment</i> , 2000, 245, 15-24.	8.0	151
323	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
324	Temporal trends of cadmium and mercury in Greenland marine biota. <i>Science of the Total Environment</i> , 2000, 245, 49-60.	8.0	24

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325	Organochlorines in Greenland marine fish, mussels and sediments. Science of the Total Environment, 2000, 245, 87-102.	8.0	60
326	Organochlorines in Greenland ringed seals (<i>Phoca hispida</i>). Science of the Total Environment, 2000, 245, 103-116.	8.0	38
327	Organochlorines in Greenland glaucous gulls (<i>Larus hyperboreus</i>) and Icelandic gulls (<i>Larus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	8.0	32
328	Lead, zinc, cadmium, mercury, selenium and copper in Greenland caribou and reindeer (<i>Rangifer</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	8.0	49
329	Comparison of contaminants from different trophic levels and ecosystems. Science of the Total Environment, 2000, 245, 221-231.	8.0	137
330	Evaluation of the Greenland AMAP programme 1994â€“1995, by use of power analysis (illustrated by) Tj ETQq0 0 0 rgBT /Overlock 10 T	8.0	18
331	Circumpolar Trends of PCBs and Organochlorine Pesticides in the Arctic Marine Environment Inferred from Levels in Ringed Seals. Environmental Science & Technology, 2000, 34, 2431-2438.	10.0	105
332	Escape responses of hauled out ringed seals (<i>Phoca hispida</i>) to aircraft disturbance. Polar Biology, 1999, 21, 171-178.	1.2	42
333	Status of the harbour porpoise in Greenland. Polar Biology, 1998, 19, 211-220.	1.2	19
334	Have arctic marine mammals adapted to high cadmium levels?. Marine Pollution Bulletin, 1998, 36, 490-492.	5.0	56
335	Population structure and seasonal movements of narwhals, <i>Monodon monoceros</i> , determined from mtDNA analysis. Heredity, 1997, 78, 284-292.	2.6	66
336	Population structure and seasonal movements of narwhals, <i>Monodon monoceros</i> , determined from mtDNA analysis. Heredity, 1997, 78, 284-292.	2.6	6
337	Lead, cadmium, mercury and selenium in Greenland marine animals. Science of the Total Environment, 1996, 186, 67-93.	8.0	216
338	Zinc, cadmium, mercury and selenium in polar bears (<i>Ursus maritimus</i>) from Central East Greenland. Polar Biology, 1995, 15, 175.	1.2	22
339	Movements and swimming speed of narwhals, <i>Monodon monoceros</i> , equipped with satellite transmitters in Melville Bay, northwest Greenland. Canadian Journal of Zoology, 1995, 73, 2106-2119.	1.0	60
340	Some characteristics of narwhal, <i>Monodon monoceros</i> , diving behaviour in Baffin Bay. Canadian Journal of Zoology, 1995, 73, 2120-2132.	1.0	68
341	Mercury, cadmium, zinc, copper and selenium in harbour porpoise (<i>Phocoena phocoena</i>) from West Greenland. Polar Biology, 1993, 13, 311.	1.2	53
342	Retrospective of the 1988 European seal epizootic. Diseases of Aquatic Organisms, 1992, 13, 37-62.	1.0	114

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343	Total mercury in hair of polar bears (<i>Ursus maritimus</i>) from Greenland and Svalbard. Polar Research, 1991, 9, 113-120.	1.6	13
344	Age determination of european harbour seal, <i>Phoca Vitulina</i> L.. Sarsia, 1991, 76, 17-21.	0.5	111
345	Total mercury in hair of polar bears (<i>Ursus maritimus</i>) from Greenland and Svalbard. Polar Research, 1991, 9, 113-120.	1.6	36
346	Distributional pattern of zinc, cadmium, mercury, and selenium in livers of Hooded Seal (<i>Cystophora</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	3.5	83
347	Zinc, cadmium, mercury and selenium in minke whales, belugas and narwhals from West Greenland. Polar Biology, 1990, 10, 529.	1.2	77
348	Organic mercury in Greenland birds and mammals. Science of the Total Environment, 1990, 95, 41-51.	8.0	93
349	Variation in body size of ringed seals (<i>Pusa hispida hispida</i>) across the circumpolar Arctic: evidence of morphs, ecotypes or simply extreme plasticity?. Polar Research, 0, 40, .	1.6	6
350	Movements of walruses (<i>Odobenus rosmarus</i>) between Central West Greenland and Southeast Baffin Island, 2005-2008. NAMMCO Scientific Publications, 0, 9, 53.	0.0	23
351	Status of the harbour seal (<i>Phoca vitulina</i>) in Southern Scandinavia. NAMMCO Scientific Publications, 0, 8, 77.	0.0	25
352	Status of grey seals along mainland Europe from the Southwestern Baltic to France. NAMMCO Scientific Publications, 0, 6, 57.	0.0	37
353	Stock identity of beluga (<i>Delphinapterus leucas</i>) in Eastern Canada and West Greenland based on organochlorine contaminants in their blubber. NAMMCO Scientific Publications, 0, 4, 51.	0.0	14