Rune Dietz

List of Publications by Year in Descending Order

341 papers	12,081 citations	59 h-index	91 g-index
357 ext. papers	13,636 ext. citations	7.2 avg, IF	6.16 L-index

#	Paper	IF	Citations
341	Spatial variation in mercury concentrations in polar bear (Ursus maritimus) hair from the Norwegian and Russian Arctic.. *Science of the Total Environment*, **2022**, 822, 153572	10.2	1
340	Background Po activity concentrations in Greenland marine biota and dose assessment. *Science of the Total Environment*, **2022**, 806, 150508	10.2	1
339	The impact of mercury contamination on human health in the Arctic: A state of the science review.. *Science of the Total Environment*, **2022**, 154793	10.2	2
338	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals.. *Science of the Total Environment*, **2022**, 829, 154445	10.2	3
337	Arctic Ecosystems, Wildlife and Man: Threats from Persistent Organic Pollutants and Mercury **2022**, 139-158		1
336	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring.. *Science of the Total Environment*, **2022**, 155803	10.2	2
335	Validation of quantitative fatty acid signature analysis for estimating the diet composition of free-ranging killer whales.. *Scientific Reports*, **2022**, 12, 7938	4.9	0
334	An assessment of mercury and its dietary drivers in fur of Arctic wolves from Greenland and High Arctic Canada. *Science of the Total Environment*, **2022**, 838, 156171	10.2	0
333	Genomic sex identification of ancient pinnipeds using the dog genome. *Journal of Archaeological Science*, **2021**, 127, 105321	2.9	3
332	Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. *Environmental Science & Technology*, **2021**, 55, 4923-4931	10.3	3
331	Killer whale movements on the Norwegian shelf are associated with herring density. *Marine Ecology - Progress Series*, **2021**, 665, 217-231	2.6	9
330	Emerging contaminants and biological effects in Arctic wildlife. *Trends in Ecology and Evolution*, **2021**, 36, 421-429	10.9	8
329	Analysis of narwhal tusks reveals lifelong feeding ecology and mercury exposure. *Current Biology*, **2021**, 31, 2012-2019.e2	6.3	7
328	Locust epidemic in Africa raises environmental concerns. *Chemosphere*, **2021**, 270, 129454	8.4	1
327	Mercury and neurochemical biomarkers in multiple brain regions of five Arctic marine mammals. *NeuroToxicology*, **2021**, 84, 136-145	4.4	1
326	Histopathological effects of short-term aqueous exposure to environmentally relevant concentration of lead (Pb) in shorthorn sculpin (Myoxocephalus scorpius) under laboratory conditions. *Environmental Science and Pollution Research*, **2021**, 28, 61423-61440	5.1	3
325	Mercury exposure and risk assessment for Eurasian otters (Lutra lutra) in Denmark. *Chemosphere*, **2021**, 272, 129608	8.4	2

324	Seasonal variation of mercury contamination in Arctic seabirds: A pan-Arctic assessment. *Science of the Total Environment*, **2021**, 750, 142201	10.2	13
323	A risk assessment of the effects of mercury on Baltic Sea, Greater North Sea and North Atlantic wildlife, fish and bivalves. *Environment International*, **2021**, 146, 106178	12.9	8
322	Marine mammal hotspots in the Greenland and Barents Seas. *Marine Ecology - Progress Series*, **2021**, 659, 3-28	2.6	2
321	The Baltic Sea: An ecosystem with multiple stressors. *Environment International*, **2021**, 147, 106324	12.9	3
320	Anthropogenic and Climatic Drivers of Long-Term Changes of Mercury and Feeding Ecology in Arctic Beluga () Populations.. *Environmental Science & Technology*, **2021**,	10.3	2
319	Organohalogen compounds of emerging concern in Baltic Sea biota: Levels, biomagnification potential and comparisons with legacy contaminants. *Environment International*, **2020**, 144, 106037	12.9	24
318	Life cycle bioenergetics of the gray seal (Halichoerus grypus) in the Baltic Sea: Population response to environmental stress. *Environment International*, **2020**, 145, 106145	12.9	7
317	Two Decades of Mercury Concentrations in Barents Sea Polar Bears () in Relation to Dietary Carbon, Sulfur, and Nitrogen. *Environmental Science & Technology*, **2020**, 54, 7388-7397	10.3	12
316	Fluorine Mass Balance and Suspect Screening in Marine Mammals from the Northern Hemisphere. *Environmental Science & Technology*, **2020**, 54, 4046-4058	10.3	34
315	Temporal trends of legacy organochlorines in different white-tailed eagle (Haliaeetus albicilla) subpopulations: A retrospective investigation using archived feathers. *Environment International*, **2020**, 138, 105618	12.9	14
314	Deep diving harbor seals (Phoca vitulina) in South Greenland: movements, diving, haul-out and breeding activities described by telemetry. *Polar Biology*, **2020**, 43, 359-368	2	2
313	Bioaccumulation potential of bisphenols and benzophenone UV filters: A multiresidue approach in raptor tissues. *Science of the Total Environment*, **2020**, 741, 140330	10.2	8
312	Arctic-adapted dogs emerged at the Pleistocene-Holocene transition. *Science*, **2020**, 368, 1495-1499	33.3	28
311	Seroprevalence of avian influenza in Baltic common eiders (Somateria mollissima) and pink-footed geese (Anser brachyrhynchus). *Environment International*, **2020**, 142, 105873	12.9	2
310	Influence of climate and biological variables on temporal trends of persistent organic pollutants in Arctic char and ringed seals from Greenland. *Environmental Sciences: Processes and Impacts*, **2020**, 22, 993-1005	4.3	2
309	Lead concentrations in blood from incubating common eiders (Somateria mollissima) in the Baltic Sea. *Environment International*, **2020**, 137, 105582	12.9	5
308	A review of pathogens in selected Baltic Sea indicator species. *Environment International*, **2020**, 137, 105565	12.9	12
307	Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. *Environment International*, **2020**, 139, 105725	12.9	30

306	Polar Bear (Ursus maritimus) **2020**, 196-212		
305	Grey seal Halichoerus grypus recolonisation of the southern Baltic Sea, Danish Straits and Kattegat. *Wildlife Biology*, **2020**, 2020,	1.7	3
304	Influence of environmental variability on harbour porpoise movement. *Marine Ecology - Progress Series*, **2020**, 648, 207-219	2.6	4
303	Liver histopathology of Baltic grey seals (Halichoerus grypus) over three decades. *Environment International*, **2020**, 145, 106110	12.9	
302	Sled Dogs as Sentinel Species for Monitoring Arctic Ecosystem Health **2020**, 21-45		2
301	Factors affecting global flow of scientific knowledge in environmental sciences. *Science of the Total Environment*, **2020**, 701, 135012	10.2	6
300	Response to comments on "Factors affecting global flow of scientific knowledge in environmental sciences" by Pourret et al. *Science of the Total Environment*, **2020**, 721, 136528	10.2	
299	Migratory and diurnal activity of North Atlantic killer whales (Orcinus orca) off northern Norway. *Journal of Experimental Marine Biology and Ecology*, **2020**, 533, 151456	2.1	5
298	Body mass, mercury exposure, biochemistry and untargeted metabolomics of incubating common eiders (Somateria mollissima) in three Baltic colonies. *Environment International*, **2020**, 142, 105866	12.9	3
297	Haematology and clinical blood chemistry in harbour porpoises (Phocoena phocoena) from the inner Danish waters. *Environment International*, **2020**, 143, 105937	12.9	2
296	Climate-associated drivers of plasma cytokines and contaminant concentrations in Beaufort Sea polar bears (Ursus maritimus). *Science of the Total Environment*, **2020**, 745, 140978	10.2	4
295	Variation in skull bone mineral density of ringed seals (Phoca hispida) from the Gulf of Bothnia and West Greenland between 1829 and 2019. *Environment International*, **2020**, 143, 105968	12.9	2
294	Changes in blood biochemistry of incubating Baltic Common Eiders (Somateria mollisima). *Journal of Ornithology*, **2020**, 161, 25-33	1.5	4
293	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. *Science of the Total Environment*, **2019**, 696, 133792	10.2	103
292	Environmental contaminants modulate the transcriptional activity of polar bear (Ursus maritimus) and human peroxisome proliferator-activated receptor alpha (PPARA). *Scientific Reports*, **2019**, 9, 6918	4.9	8
291	Temporal trends of mercury differ across three northern white-tailed eagle (Haliaeetus albicilla) subpopulations. *Science of the Total Environment*, **2019**, 687, 77-86	10.2	10
290	Bioaccumulation and biomagnification of perfluoroalkyl acids and precursors in East Greenland polar bears and their ringed seal prey. *Environmental Pollution*, **2019**, 252, 1335-1343	9.3	38
289	Human exposure to PFOS and mercury through meat from baltic harbour seals (Phoca vitulina). *Environmental Research*, **2019**, 175, 376-383	7.9	4

288	Nunavut's ill-advised hunting proposal. *Science*, **2019**, 364, 539	33.3	
287	Japans commercial whaling is a threat to public health. *Science of the Total Environment*, **2019**, 680, 10-12	10.2	
286	Accumulation of Short-, Medium-, and Long-Chain Chlorinated Paraffins in Marine and Terrestrial Animals from Scandinavia. *Environmental Science & Technology*, **2019**, 53, 3526-3537	10.3	55
285	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	2.7	18
284	Killer whales call for further protection. *Environment International*, **2019**, 126, 443-444	12.9	1
283	Classifying grey seal behaviour in relation to environmental variability and commercial fishing activity - a multivariate hidden Markov model. *Scientific Reports*, **2019**, 9, 5642	4.9	19
282	Age and seasonal variation in testis and baculum morphology in East Greenland polar bears (Ursus maritimus) in relation to high concentrations of persistent organic pollutants. *Environmental Research*, **2019**, 173, 246-254	7.9	4
281	Lead and Other Trace Elements in Danish Birds of Prey. *Archives of Environmental Contamination and Toxicology*, **2019**, 77, 359-367	3.2	9
280	Are vitamins A and E associated with persistent organic pollutants and fatty acids in the blubber of highly contaminated killer whales (Orcinus orca) from Greenland?. *Environmental Research*, **2019**, 177, 108602	7.9	5
279	Response to L. Witting: PCBs still a major risk for global killer whale populations. *Marine Mammal Science*, **2019**, 35, 1201-1206	1.9	4
278	White-Tailed Eagle () Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. *Environmental Science & Technology*, **2019**, 53, 12744-12753	10.3	27
277	New funds needed to cover open-access costs. *Nature*, **2019**, 575, 51	50.4	2
276	Aviation, melting sea-ice and polar bears. *Environment International*, **2019**, 133, 105279	12.9	2
275	Pig slurry needs modifications to be a sustainable fertilizer in crop production. *Environmental Research*, **2019**, 178, 108718	7.9	3
274	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	1.7	7
273	A field effort to capture critically endangered vaquitas Phocoena sinus for protection from entanglement in illegal gillnets. *Endangered Species Research*, **2019**, 38, 11-27	2.5	42
272	Abundance and species diversity hotspots of tracked marine predators across the North American Arctic. *Diversity and Distributions*, **2019**, 25, 328-345	5	19
271	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	10.2	80

270	Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20191929	4.4	19
269	Time to ban lead hunting ammunition. *Science*, **2019**, 366, 961-962	33.3	4
268	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. *Science of the Total Environment*, **2019**, 649, 99-110	10.2	113
267	Variation in non-metrical skull traits of polar bears (Ursus maritimus) and relationships across East Greenland and adjacent subpopulations (1830–2013). *Polar Biology*, **2019**, 42, 461-474	2	0
266	Structure-Dependent in Vitro 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	11	14
265	Persistent organic pollutants and penile bone mineral density in East Greenland and Canadian polar bears (Ursus maritimus) during 1996-2015. *Environment International*, **2018**, 114, 212-218	12.9	11
264	Seroprevalence for Brucella spp. in Baltic ringed seals (Phoca hispida) and East Greenland harp (Pagophilus groenlandicus) and hooded (Cystophora cristata) seals. *Veterinary Immunology and Immunopathology*, **2018**, 198, 14-18	2	6
263	Environmental contaminant mixtures modulate in vitro influenza infection. *Science of the Total Environment*, **2018**, 634, 20-28	10.2	6
262	Hepatic and renal histology and mercury concentrations of North West and North East Greenland narwhals (Monodon monoceros). *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2018**, 81, 202-211	3.2	6
261	High rates of vessel noise disrupt foraging in wild harbour porpoises (). *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	71
260	Fine-scale movement responses of free-ranging harbour porpoises to capture, tagging and short-term noise pulses from a single airgun. *Royal Society Open Science*, **2018**, 5, 170110	3.3	13
259	Morphometric, molecular and histopathologic description of hepatic infection by Orthosplanchnus arcticus (Trematoda: Digenea: Brachycladiidae) in ringed seals (Pusa hispida) from Northwest Greenland. *Polar Biology*, **2018**, 41, 1019-1025	2	1
258	Immune function in arctic mammals: Natural killer (NK) cell-like activity in polar bear, muskox and reindeer. *Veterinary Immunology and Immunopathology*, **2018**, 195, 72-75	2	3
257	Persistent organic pollutants, skull size and bone density of polar bears (Ursus maritimus) from East Greenland 1892-2015 and Svalbard 1964-2004. *Environmental Research*, **2018**, 162, 74-80	7.9	14
256	Organophosphate esters in East Greenland polar bears and ringed seals: Adipose tissue concentrations and in vitro depletion and metabolite formation. *Chemosphere*, **2018**, 196, 240-250	8.4	30
255	Environmental drivers of harbour porpoise fine-scale movements. *Marine Biology*, **2018**, 165, 95	2.5	7
254	Prevalence of antibodies against Brucella spp. in West Greenland polar bears (Ursus maritimus) and East Greenland muskoxen (Ovibos moschatus). *Polar Biology*, **2018**, 41, 1671-1680	2	1
253	Interactions of climate, socio-economics, and global mercury pollution in the North Water. *Ambio*, **2018**, 47, 281-295	6.5	10

252	The history of seabird colonies and the North Water ecosystem: Contributions from palaeoecological and archaeological evidence. *Ambio*, **2018**, 47, 175-192	6.5	18
251	Prevalence of skull pathologies in European harbor seals (Phoca vitulina) during 1981–2014. *Mammal Research*, **2018**, 63, 55-63	1.8	4
250	On the integration of ecological and physiological variables in polar bear toxicology research: a systematic review. *Environmental Reviews*, **2018**, 26, 1-12	4.5	40
249	Population Wide Decline in Somatic Growth in Harbor Seals—Early Signs of Density Dependence. *Frontiers in Ecology and Evolution*, **2018**, 6,	3.7	10
248	Immunotoxic Effects of Environmental Pollutants in Marine Mammals **2018**, 321-343		2
247	Greenland sled dogs at risk of extinction. *Science*, **2018**, 360, 1080	33.3	4
246	Immunologic, reproductive, and carcinogenic risk assessment from POP exposure in East Greenland polar bears (Ursus maritimus) during 1983-2013. *Environment International*, **2018**, 118, 169-178	12.9	64
245	Incubation Behaviour of Common Eiders Somateria Mollissima in the Central Baltic: Nest Attendance and Loss in Body Mass. *Acrocephalus*, **2018**, 39, 91-100	0.1	5
244	Oceanic movements, site fidelity and deep diving in harbour porpoises from Greenland show limited similarities to animals from the North Sea. *Marine Ecology - Progress Series*, **2018**, 597, 259-272	2.6	23
243	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 Orcinus orca. *Marine Ecology - Progress Series*, **2018**, 603, 1-12	2.6	12
242	Common Eider (Somateria Mollissima) Body Condition and Parasitic Load during a Mortality Event in the Baltic Proper. *Avian Biology Research*, **2018**, 11, 167-172	0.8	19
241	Histology of Sculpin spp. in East Greenland. II. Histopathology and trace element concentrations. *Toxicological and Environmental Chemistry*, **2018**, 100, 769-784	1.4	2
240	Histology of Sculpin spp. in east Greenland. I. Histological measures. *Toxicological and Environmental Chemistry*, **2018**, 100, 607-628	1.4	3
239	Population genomics of grey wolves and wolf-like canids in North America. *PLoS Genetics*, **2018**, 14, e1007745		26
238	Predicting global killer whale population collapse from PCB pollution. *Science*, **2018**, 361, 1373-1376	33.3	150
237	Polar bear health in environmental science and translational medicine. *Environment International*, **2018**, 121, 296	12.9	
236	Pollution threatens toothed whales. *Science*, **2018**, 361, 1208	33.3	17
235	Steroid hormones in multiple tissues of East Greenland polar bears (Ursus maritimus). *Polar Biology*, **2017**, 40, 37-49	2	5

234	Blubber-depth distribution and bioaccumulation of PCBs and organochlorine pesticides in Arctic-invading killer whales. *Science of the Total Environment*, **2017**, 601-602, 237-246	10.2	37
233	A rapid analytical method to quantify complex organohalogen contaminant mixtures in large samples of high lipid mammalian tissues. *Chemosphere*, **2017**, 176, 243-248	8.4	9
232	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 (Vulpes lagopus). *Environmental Science & Technology*, **2017**, 51, 4673-4680	10.3	11
231	Silent porpoise: potential sleeping behaviour identified in wild harbour porpoises. *Animal Behaviour* , **2017**, 133, 211-222	2.8	12
230	A veterinary perspective on One Health in the Arctic. *Acta Veterinaria Scandinavica*, **2017**, 59, 84	2	18
229	Effects of Polar Bear and Killer Whale Derived Contaminant Cocktails on Marine Mammal Immunity. *Environmental Science & Technology*, **2017**, 51, 11431-11439	10.3	39
228	Using energy budgets to combine ecology and toxicology in a mammalian sentinel species. *Scientific Reports*, **2017**, 7, 46267	4.9	10
227	Performance and retention of lightweight satellite radio tags applied to the ears of polar bears (Ursus maritimus). *Animal Biotelemetry*, **2017**, 5,	2.8	4
226	Endosulfan, Short-Chain Chlorinated Paraffins (SCCPs) and Octachlorostyrene in Wildlife from Greenland: Levels, Trends and Methodological Challenges. *Archives of Environmental Contamination and Toxicology*, **2017**, 73, 542-551	3.2	15
225	Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals (Pusa hispida). *Environmental Research*, **2016**, 151, 244-250	7.9	17
224	Shift of grey seal subspecies boundaries in response to climate, culling and conservation. *Molecular Ecology*, **2016**, 25, 4097-112	5.7	18
223	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	2	6
222	Spatiotemporal variation in home range size of female polar bears and correlations with individual contaminant load. *Polar Biology*, **2016**, 39, 1479-1489	2	8
221	Impacts of Underwater Noise on Marine Vertebrates: Project Introduction and First Results. *Advances in Experimental Medicine and Biology*, **2016**, 875, 631-6	3.6	0
220	Observation of emerging per- and polyfluoroalkyl substances (PFASs) in Greenland marine mammals. *Chemosphere*, **2016**, 144, 2384-91	8.4	136
219	Risk evaluation of the Arctic environmental POP exposure based on critical body residue and critical daily dose using captive Greenland sledge dogs (Canis familiaris) as surrogate species. *Environment International*, **2016**, 88, 221-227	12.9	11
218	Phocine distemper virus (PDV) seroprevalence as predictor for future outbreaks in harbour seals. *Veterinary Microbiology*, **2016**, 183, 43-9	3.3	7
217	Review of Low-Level Bioacoustic Behavior in Wild Cetaceans: Conservation Implications of Possible Sleeping Behavior. *Advances in Experimental Medicine and Biology*, **2016**, 875, 1251-8	3.6	

216	Immunotoxic effects of environmental pollutants in marine mammals. *Environment International*, **2016**, 86, 126-39	12.9	208
215	Modeling Population-Level Consequences of Polychlorinated Biphenyl Exposure in East Greenland Polar Bears. *Archives of Environmental Contamination and Toxicology*, **2016**, 70, 143-54	3.2	11
214	Comparing Distribution of Harbour Porpoises (Phocoena phocoena) Derived from Satellite Telemetry and Passive Acoustic Monitoring. *PLoS ONE*, **2016**, 11, e0158788	3.7	10
213	Influence of sea ice phenology on the movement ecology of ringed seals across their latitudinal range. *Marine Ecology - Progress Series*, **2016**, 562, 237-250	2.6	25
212	IPY BearHealth: Polar Bear (Ursus maritimus) Circumpolar Health Assessment in Relation to Persistent Pollutants and Climate Change. *From Pole To Pole*, **2016**, 203-227		
211	Allee effect in polar bears: a potential consequence of polychlorinated biphenyl contamination. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283,	4.4	9
210	Use of glacial fronts by narwhals (Monodon monoceros) in West Greenland. *Biology Letters*, **2016**, 12,	3.6	18
209	Assessing auditory evoked potentials of wild harbor porpoises (Phocoena phocoena). *Journal of the Acoustical Society of America*, **2016**, 140, 442	2.2	11
208	A novel method for analysing key corticosteroids in polar bear (Ursus maritimus) hair using liquid chromatography tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2016**, 1017-1018, 45-51	3.2	12
207	Per- and polyfluoroalkyl substances (PFASs) - New endocrine disruptors in polar bears (Ursus maritimus)?. *Environment International*, **2016**, 96, 180-189	12.9	25
206	Physiologically-based pharmacokinetic modelling of distribution, bioaccumulation and excretion of POPs in Greenland sledge dogs (Canis familiaris). *Environmental Research*, **2015**, 142, 380-6	7.9	7
205	Mercury and cortisol in Western Hudson Bay polar bear hair. *Ecotoxicology*, **2015**, 24, 1315-21	2.9	32
204	Defining management units for cetaceans by combining genetics, morphology, acoustics and satellite tracking. *Global Ecology and Conservation*, **2015**, 3, 839-850	2.8	36
203	Physiologically-based pharmacokinetic modelling of immune, reproductive and carcinogenic effects from contaminant exposure in polar bears (Ursus maritimus) across the Arctic. *Environmental Research*, **2015**, 140, 45-55	7.9	65
202	Shifts in female polar bear (Ursus maritimus) habitat use in East Greenland. *Polar Biology*, **2015**, 38, 879-893	2	56
201	Toxaphene in the aquatic environment of Greenland. *Environmental Pollution*, **2015**, 200, 140-8	9.3	5
200	Thyroid hormones and deiodinase activity in plasma and tissues in relation to high levels of organohalogen contaminants in East Greenland polar bears (Ursus maritimus). *Environmental Research*, **2015**, 136, 413-23	7.9	35
199	Novel brominated flame retardants and dechlorane plus in Greenland air and biota. *Environmental Pollution*, **2015**, 196, 284-91	9.3	85

198	Accumulation and potential health effects of organohalogenated compounds in the arctic fox (Vulpes lagopus)--a review. *Science of the Total Environment*, **2015**, 502, 510-6	10.2	17
197	Anthropogenic flank attack on polar bears: interacting consequences of climate warming and pollutant exposure. *Frontiers in Ecology and Evolution*, **2015**, 3,	3.7	68
196	Thyroid hormones and deiodinase activities in plasma and tissues from East Greenland polar bears (Ursus maritimus) during winter season. *Polar Biology*, **2015**, 38, 1285-1296	2	2
195	A review of ecological impacts of global climate change on persistent organic pollutant and mercury pathways and exposures in arctic marine ecosystems. *Environmental Epigenetics*, **2015**, 61, 617-628	2.4	94
194	Developing a new research tool for use in free-ranging cetaceans: recovering cortisol from harbour porpoise skin **2015**, 3, cov016		12
193	Brain region-specific perfluoroalkylated sulfonate (PFSA) and carboxylic acid (PFCA) accumulation and neurochemical biomarker responses in east Greenland polar bears (Ursus maritimus). *Environmental Research*, **2015**, 138, 22-31	7.9	50
192	Penile density and globally used chemicals in Canadian and Greenland polar bears. *Environmental Research*, **2015**, 137, 287-91	7.9	27
191	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	2.2	6
190	Integrating genetic data and population viability analyses for the identification of harbour seal (Phoca vitulina) populations and management units. *Molecular Ecology*, **2014**, 23, 815-31	5.7	32
189	Population genomics reveal recent speciation and rapid evolutionary adaptation in polar bears. *Cell* , **2014**, 157, 785-94	56.2	242
188	Evaluation of the use of common sculpin (Myoxocephalus scorpius) organ histology as bioindicator for element exposure in the fjord of the mining area Maarmorilik, West Greenland. *Environmental Research*, **2014**, 133, 304-11	7.9	25
187	Physiologically based pharmacokinetic modeling of POPs in Greenlanders. *Environment International*, **2014**, 64, 91-7	12.9	16
186	Altered vitamin D status in liver tissue and blood plasma from Greenland sledge dogs (Canis familiaris) dietary exposed to organohalogen contaminated minke whale (Balaenoptera acuterostrata) blubber. *Ecotoxicology and Environmental Safety*, **2014**, 104, 403-8	7	11
185	Comparative hepatic in vitro depletion and metabolite formation of major perfluorooctane sulfonate precursors in Arctic polar bear, beluga whale, and ringed seal. *Chemosphere*, **2014**, 112, 225-31	8.4	39
184	Quantitative relationships in delphinid neocortex. *Frontiers in Neuroanatomy*, **2014**, 8, 132	3.6	32
183	Validation of adipose lipid content as a body condition index for polar bears. *Ecology and Evolution*, **2014**, 4, 516-27	2.8	31
182	Disturbance-induced responses of VHF and satellite tagged harbour seals. *Aquatic Conservation: Marine and Freshwater Ecosystems*, **2014**, 24, 712-723	2.6	8
181	Sensory ability in the narwhal tooth organ system. *Anatomical Record*, **2014**, 297, 599-617	2.1	32

180	Steroid hormones in blood plasma from Greenland sledge dogs (Canis familiaris) dietary exposed to organohalogen polluted minke whale (Balaenoptera acuterostrata) blubber. *Toxicological and Environmental Chemistry*, **2014**, 96, 273-286	1.4	19
179	A simple method to reduce the risk of cadmium exposure from consumption of Iceland scallops (Chlamys islandica) fished in Greenland. *Environment International*, **2014**, 69, 100-3	12.9	8
178	Field metabolic rate and PCB adipose tissue deposition efficiency in East Greenland polar bears derived from contaminant monitoring data. *PLoS ONE*, **2014**, 9, e104037	3.7	9
177	Size and density of East Greenland polar bear (Ursus maritimus) skulls: Valuable bio-indicators of environmental changes?. *Ecological Indicators*, **2013**, 34, 290-295	5.8	41
176	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. *Polar Biology*, **2013**, 36, 1525-1529	2	34
175	PFAS profiles in three North Sea top predators: metabolic differences among species?. *Environmental Science and Pollution Research*, **2013**, 20, 8013-20	5.1	53
174	Three decades (1983-2010) of contaminant trends in East Greenland polar bears (Ursus maritimus). Part 2: brominated flame retardants. *Environment International*, **2013**, 59, 494-500	12.9	52
173	Three decades (1983-2010) of contaminant trends in East Greenland polar bears (Ursus maritimus). Part 1: legacy organochlorine contaminants. *Environment International*, **2013**, 59, 485-93	12.9	66
172	What are the toxicological effects of mercury in Arctic biota?. *Science of the Total Environment*, **2013**, 443, 775-90	10.2	238
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2	Population structure and seasonal movements of narwhals, Monodon monoceros, determined from mtDNA analysis		6
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