

Rune Dietz

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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	Exposure and effects assessment of persistent organohalogen contaminants in arctic wildlife and fish. <i>Science of the Total Environment</i> , 2010 , 408, 2995-3043	10.2	586
340	Population genomics reveal recent speciation and rapid evolutionary adaptation in polar bears. <i>Cell</i> , 2014 , 157, 785-94	56.2	242
339	What are the toxicological effects of mercury in Arctic biota?. <i>Science of the Total Environment</i> , 2013 , 443, 775-90	10.2	238
338	Immunotoxic effects of environmental pollutants in marine mammals. <i>Environment International</i> , 2016 , 86, 126-39	12.9	208
337	Lead, cadmium, mercury and selenium in Greenland marine animals. <i>Science of the Total Environment</i> , 1996 , 186, 67-93	10.2	187
336	The 1988 and 2002 phocine distemper virus epidemics in European harbour seals. <i>Diseases of Aquatic Organisms</i> , 2006 , 68, 115-30	1.7	169
335	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, 449-55	10.3	164
334	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, 323-9	9.3	152
333	Predicting global killer whale population collapse from PCB pollution. <i>Science</i> , 2018 , 361, 1373-1376	33.3	150
332	Circumpolar study of perfluoroalkyl contaminants in polar bears (<i>Ursus maritimus</i>). <i>Environmental Science & Technology</i> , 2005 , 39, 5517-23	10.3	149
331	Anthropogenic contributions to mercury levels in present-day Arctic animals--a review. <i>Science of the Total Environment</i> , 2009 , 407, 6120-31	10.2	146
330	Tissue-specific congener composition of organohalogen and metabolite contaminants in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Pollution</i> , 2008 , 152, 621-9	9.3	139
329	Is dietary mercury of neurotoxicological concern to wild polar bears (<i>Ursus maritimus</i>)?. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 133-40	3.8	138
328	Observation of emerging per- and polyfluoroalkyl substances (PFASs) in Greenland marine mammals. <i>Chemosphere</i> , 2016 , 144, 2384-91	8.4	136
327	An assessment of selenium to mercury in Greenland marine animals. <i>Science of the Total Environment</i> , 2000 , 245, 15-24	10.2	131
326	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, 2701-7	10.3	123
325	Comparison of contaminants from different trophic levels and ecosystems. <i>Science of the Total Environment</i> , 2000 , 245, 221-31	10.2	122

324	Global change effects on the long-term feeding ecology and contaminant exposures of East Greenland polar bears. <i>Global Change Biology</i> , 2013 , 19, 2360-72	11.4	120
323	Temporal and spatial trends of perfluorinated compounds in ringed seal (<i>Phoca hispida</i>) from Greenland. <i>Environmental Science & Technology</i> , 2005 , 39, 7416-22	10.3	113
322	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. <i>Science of the Total Environment</i> , 2019 , 649, 99-110	10.2	113
321	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. <i>Science of the Total Environment</i> , 2019 , 696, 133792	10.2	103
320	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, 307-14	5.7	100
319	Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear (<i>Ursus maritimus</i>) from East Greenland. <i>Science of the Total Environment</i> , 2004 , 331, 125-41	10.2	100
318	Perfluoroalkyl contaminants in liver tissue from East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 981-6	3.8	100
317	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	10.2	99
316	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, 369-90	10.2	99
315	Temporal trends of Hg in Arctic biota, an update. <i>Science of the Total Environment</i> , 2011 , 409, 3520-6	10.2	98
314	Flame retardants and legacy contaminants in polar bears from Alaska, Canada, East Greenland and Svalbard, 2005-2008. <i>Environment International</i> , 2011 , 37, 365-74	12.9	96
313	Age determination of european harbour seal, <i>Phoca Vitulina L.</i> <i>Sarsia</i> , 1991 , 76, 17-21		96
312	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	10.3	95
311	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	2.4	94
310	Xenoendocrine pollutants may reduce size of sexual organs in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Environmental Science & Technology</i> , 2006 , 40, 5668-74	10.3	93
309	Is bone mineral composition disrupted by organochlorines in east Greenland polar bears (<i>Ursus maritimus</i>)?. <i>Environmental Health Perspectives</i> , 2004 , 112, 1711-6	8.4	93
308	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, 1118-24	12.9	91
307	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, 752-9	10.3	91

306	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, 107-24	10.2	89
305	Retrospective of the 1988 European seal epizootic. <i>Diseases of Aquatic Organisms</i> , 1992 , 13, 37-62	1.7	89
304	Novel brominated flame retardants and dechlorane plus in Greenland air and biota. <i>Environmental Pollution</i> , 2015 , 196, 284-91	9.3	85
303	Trends in mercury in hair of Greenlandic polar bears (<i>Ursus maritimus</i>) during 1892-2001. <i>Environmental Science & Technology</i> , 2006 , 40, 1120-5	10.3	82
302	Modelling spatial patterns in harbour porpoise satellite telemetry data using maximum entropy. <i>Ecography</i> , 2010 , 33, 698-708	6.5	80
301	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	10.2	80
300	Trends of perfluorochemicals in Greenland ringed seals and polar bears: indications of shifts to decreasing trends. <i>Chemosphere</i> , 2013 , 93, 1607-14	8.4	76
299	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, 1458-65	10.3	74
298	Comparison of echolocation behaviour between coastal and riverine porpoises. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007 , 54, 290-297	2.3	74
297	Organic mercury in Greenland birds and mammals. <i>Science of the Total Environment</i> , 1990 , 95, 41-51	10.2	74
296	Tissue-specific concentrations and patterns of perfluoroalkyl carboxylates and sulfonates in East Greenland polar bears. <i>Environmental Science & Technology</i> , 2012 , 46, 11575-83	10.3	73
295	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, 5808-16	10.2	73
294	Distributional pattern of zinc, cadmium, mercury, and selenium in livers of hooded seal (<i>Cystophora cristata</i>). <i>Biological Trace Element Research</i> , 1990 , 24, 61-71	4.5	72
293	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	2.6	72
292	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,	4.4	71
291	High-density areas for harbor porpoises (<i>Phocoena phocoena</i>) identified by satellite tracking. <i>Marine Mammal Science</i> , 2011 , 27, 230-246	1.9	70
290	Anthropogenic flank attack on polar bears: interacting consequences of climate warming and pollutant exposure. <i>Frontiers in Ecology and Evolution</i> , 2015 , 3,	3.7	68
289	Cortisol levels in hair of East Greenland polar bears. <i>Science of the Total Environment</i> , 2011 , 409, 831-4	10.2	68

288	Three decades (1983-2010) of contaminant trends in East Greenland polar bears (<i>Ursus maritimus</i>). Part 1: legacy organochlorine contaminants. <i>Environment International</i> , 2013 , 59, 485-93	12.9	66
287	The migratory behaviour of narwhals (<i>Monodon monoceros</i>). <i>Canadian Journal of Zoology</i> , 2003 , 81, 1298-1305	10.3	66
286	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	7.9	65
285	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	12.9	64
284	Temporal trends of hexabromocyclododecane, polybrominated diphenyl ethers and polychlorinated biphenyls in ringed seals from East Greenland. <i>Environmental Science & Technology</i> , 2011 , 45, 1243-9	10.3	64
283	Two decades of biomonitoring polar bear health in Greenland: a review. <i>Acta Veterinaria Scandinavica</i> , 2012 , 54,	2	60
282	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, 1551-7	3.8	59
281	Measuring environmental stress in East Greenland polar bears, 1892-1927 and 1988-2009: what does hair cortisol tell us?. <i>Environment International</i> , 2012 , 45, 15-21	12.9	58
280	Do organohalogen contaminants contribute to histopathology in liver from East Greenland polar bears (<i>Ursus maritimus</i>)?. <i>Environmental Health Perspectives</i> , 2005 , 113, 1569-74	8.4	58
279	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	2	57
278	Shifts in female polar bear (<i>Ursus maritimus</i>) habitat use in East Greenland. <i>Polar Biology</i> , 2015 , 38, 879-893	10.3	56
277	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	10.3	55
276	Organochlorines in Greenland marine fish, mussels and sediments. <i>Science of the Total Environment</i> , 2000 , 245, 87-102	10.2	55
275	Biosonar, dive, and foraging activity of satellite tracked harbor porpoises (<i>Phocoena phocoena</i>). <i>Marine Mammal Science</i> , 2013 , 29, E77-E97	1.9	54
274	Population structure and seasonal movements of narwhals, <i>Monodon monoceros</i> , determined from mtDNA analysis. <i>Heredity</i> , 1997 , 78 (Pt 3), 284-92	3.6	54
273	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	12.9	54
272	PFAS profiles in three North Sea top predators: metabolic differences among species?. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 8013-20	5.1	53
271	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	12.9	52

270	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, 1558-68	8.4	51
269	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, 2056-62	10.3	51
268	Some characteristics of narwhal, <i>Monodon monoceros</i> , diving behaviour in Baffin Bay. <i>Canadian Journal of Zoology</i> , 1995 , 73, 2120-2132	1.5	51
267	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	7.9	50
266	Serosurvey for <i>Trichinella</i> in polar bears (<i>Ursus maritimus</i>) from Svalbard and the Barents Sea. <i>Veterinary Parasitology</i> , 2010 , 172, 256-63	2.8	50
265	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	6	49
264	Time trends of mercury in feathers of West Greenland birds of prey during 1851-2003. <i>Environmental Science & Technology</i> , 2006 , 40, 5911-6	10.3	49
263	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	10.2	49
262	Females roam while males patrol: divergence in breeding season movements of pack-ice polar bears (<i>Ursus maritimus</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20122371	4.4	48
261	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, 1349-56	12.9	47
260	Transfer of mercury in the marine food web of West Greenland. <i>Journal of Environmental Monitoring</i> , 2007 , 9, 877-83		47
259	Zinc, cadmium, mercury and selenium in minke whales, belugas and narwhals from West Greenland. <i>Polar Biology</i> , 1990 , 10, 529	2	47
258	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, 166-73	9.3	46
257	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 ^{12.9}		45
256	Have arctic marine mammals adapted to high cadmium levels?. <i>Marine Pollution Bulletin</i> , 1998 , 36, 490-497		45
255	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	10.3	44
254	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, 1000-5		44
253	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, 713-22	3.8	43

252	Movements of narwhals (<i>Monodon monoceros</i>) from Admiralty Inlet monitored by satellite telemetry. <i>Polar Biology</i> , 2008 , 31, 1295-1306	2	43
251	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	1.5	42
250	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	2.5	42
249	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	5.8	41
248	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, 1506-14	3.8	41
247	Baleen as a biomonitor of mercury content and dietary history of North Atlantic minke whales (<i>Balaenopetra acutorostrata</i>): combining elemental and stable isotope approaches. <i>Science of the Total Environment</i> , 2004 , 331, 69-82	10.2	41
246	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	40
245	Associations between complex OHC mixtures and thyroid and cortisol hormone levels in East Greenland polar bears. <i>Environmental Research</i> , 2012 , 116, 26-35	7.9	40
244	Temporal trends of mercury in marine biota of west and northwest Greenland. <i>Marine Pollution Bulletin</i> , 2007 , 54, 72-80	6.7	40
243	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	10.2	40
242	Lead, zinc, cadmium, mercury, selenium and copper in Greenland caribou and reindeer (<i>Rangifer tarandus</i>). <i>Science of the Total Environment</i> , 2000 , 245, 149-59	10.2	40
241	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, 225-31 ^{8.4}	8.4	39
240	Effects of Polar Bear and Killer Whale Derived Contaminant Cocktails on Marine Mammal Immunity. <i>Environmental Science & Technology</i> , 2017 , 51, 11431-11439	10.3	39
239	Geographic distribution of selected elements in the livers of polar bears from Greenland, Canada and the United States. <i>Environmental Pollution</i> , 2008 , 153, 618-26	9.3	39
238	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	9.3	38
237	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	10.2	37
236	Defining management units for cetaceans by combining genetics, morphology, acoustics and satellite tracking. <i>Global Ecology and Conservation</i> , 2015 , 3, 839-850	2.8	36
235	Fractal analysis of narwhal space use patterns. <i>Zoology</i> , 2004 , 107, 3-11	1.7	36

234	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	2.7	36
233	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, 413-23	7.9	35
232	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, 381-90	7	35
231	Organochlorine-induced histopathology in kidney and liver tissue from Arctic fox (<i>Vulpes lagopus</i>). <i>Chemosphere</i> , 2008 , 71, 1214-24	8.4	35
230	Diving behaviour of long-finned pilot whales <i>Globicephala melas</i> around the Faroe Islands. <i>Wildlife Biology</i> , 2002 , 8, 307-313	1.7	35
229	Escape responses of hauled out ringed seals (<i>Phoca hispida</i>) to aircraft disturbance. <i>Polar Biology</i> , 1999 , 21, 171-178	2	35
228	Fluorine Mass Balance and Suspect Screening in Marine Mammals from the Northern Hemisphere. <i>Environmental Science & Technology</i> , 2020 , 54, 4046-4058	10.3	34
227	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. <i>Polar Biology</i> , 2013 , 36, 1525-1529	2	34
226	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, 167-81	10.2	34
225	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	2	33
224	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	7.9	33
223	Organochlorines in Greenland ringed seals (<i>Phoca hispida</i>). <i>Science of the Total Environment</i> , 2000 , 245, 103-16	10.2	33
222	Mercury, cadmium, zinc, copper and selenium in harbour porpoise (<i>Phocoena phocoena</i>) from West Greenland. <i>Polar Biology</i> , 1993 , 13, 311	2	33
221	Mercury and cortisol in Western Hudson Bay polar bear hair. <i>Ecotoxicology</i> , 2015 , 24, 1315-21	2.9	32
220	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, 815-31	5.7	32
219	A metapopulation model for Canadian and West Greenland narwhals. <i>Animal Conservation</i> , 2013 , 16, 331-343	3.2	32
218	Quantitative relationships in delphinid neocortex. <i>Frontiers in Neuroanatomy</i> , 2014 , 8, 132	3.6	32
217	Sensory ability in the narwhal tooth organ system. <i>Anatomical Record</i> , 2014 , 297, 599-617	2.1	32

216	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, 119-32	10.2	32
215	Total mercury in hair of polar bears (<i>Ursus maritimus</i>) from Greenland and Svalbard. <i>Polar Research</i> , 1991 , 9, 113-120	2	32
214	Validation of adipose lipid content as a body condition index for polar bears. <i>Ecology and Evolution</i> , 2014 , 4, 516-27	2.8	31
213	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	1.5	31
212	Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. <i>Environment International</i> , 2020 , 139, 105725	12.9	30
211	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	8.4	30
210	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, 6166-72	10.2	30
209	Multiple cytokine and acute-phase protein gene transcription in West Greenland sledge dogs (<i>Canis familiaris</i>) dietary exposed to organic environmental pollutants. <i>Archives of Environmental Contamination and Toxicology</i> , 2007 , 53, 110-8	3.2	30
208	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	1.4	30
207	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	10.2	30
206	Organochlorines in Greenland glaucous gulls (<i>Larus hyperboreus</i>) and Icelandic gulls (<i>Larus glaucoides</i>). <i>Science of the Total Environment</i> , 2000 , 245, 117-30	10.2	30
205	Arctic-adapted dogs emerged at the Pleistocene-Holocene transition. <i>Science</i> , 2020 , 368, 1495-1499	33.3	28
204	White-Tailed Eagle () Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. <i>Environmental Science & Technology</i> , 2019 , 53, 12744-12753	10.3	27
203	Penile density and globally used chemicals in Canadian and Greenland polar bears. <i>Environmental Research</i> , 2015 , 137, 287-91	7.9	27
202	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, 157-63	7	27
201	Behavioural responses of harbour seals to human-induced disturbances. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012 , 22, 113-121	2.6	26
200	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	3.7	26
199	Status of grey seals along mainland Europe from the Southwestern Baltic to France. <i>NAMMCO Scientific Publications</i> , 6 , 57		26

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