

# Christian Sonne

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/346234/christian-sonne-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

383  
papers

10,882  
citations

54  
h-index

88  
g-index

401  
ext. papers

13,446  
ext. citations

9.7  
avg, IF

6.61  
L-index

#	Paper	IF	Citations
383	Exposure and effects assessment of persistent organohalogen contaminants in arctic wildlife and fish. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 2995-3043	10.2	586
382	Valorization of biomass waste to engineered activated biochar by microwave pyrolysis: Progress, challenges, and future directions. <i>Chemical Engineering Journal</i> , <b>2020</b> , 389, 124401	14.7	254
381	Population genomics reveal recent speciation and rapid evolutionary adaptation in polar bears. <i>Cell</i> , <b>2014</b> , 157, 785-94	56.2	242
380	What are the toxicological effects of mercury in Arctic biota?. <i>Science of the Total Environment</i> , <b>2013</b> , 443, 775-90	10.2	238
379	Immunotoxic effects of environmental pollutants in marine mammals. <i>Environment International</i> , <b>2016</b> , 86, 126-39	12.9	208
378	Health effects from long-range transported contaminants in Arctic top predators: An integrated review based on studies of polar bears and relevant model species. <i>Environment International</i> , <b>2010</b> , 36, 461-91	12.9	203
377	Brominated flame retardants in polar bears ( <i>Ursus maritimus</i> ) from Alaska, the Canadian Arctic, East Greenland, and Svalbard. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 449-55	10.3	164
376	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> , <b>2005</b> , 136, 323-9	9.3	152
375	Predicting global killer whale population collapse from PCB pollution. <i>Science</i> , <b>2018</b> , 361, 1373-1376	33.3	150
374	Circumpolar study of perfluoroalkyl contaminants in polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 5517-23	10.3	149
373	Tissue-specific congener composition of organohalogen and metabolite contaminants in East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Pollution</i> , <b>2008</b> , 152, 621-9	9.3	139
372	Is dietary mercury of neurotoxicological concern to wild polar bears ( <i>Ursus maritimus</i> )?. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 133-40	3.8	138
371	Observation of emerging per- and polyfluoroalkyl substances (PFASs) in Greenland marine mammals. <i>Chemosphere</i> , <b>2016</b> , 144, 2384-91	8.4	136
370	Increasing perfluoroalkyl contaminants in east greenland polar bears ( <i>Ursus maritimus</i> ): a new toxic threat to the Arctic bears. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 2701-7	10.3	123
369	Global change effects on the long-term feeding ecology and contaminant exposures of East Greenland polar bears. <i>Global Change Biology</i> , <b>2013</b> , 19, 2360-72	11.4	120
368	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. <i>Science of the Total Environment</i> , <b>2019</b> , 649, 99-110	10.2	113
367	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. <i>Science of the Total Environment</i> , <b>2019</b> , 696, 133792	10.2	103

366	Tracking pan-continental trends in environmental contamination using sentinel raptors-what types of samples should we use?. <i>Ecotoxicology</i> , <b>2016</b> , 25, 777-801	2.9	102
365	An overview of existing raptor contaminant monitoring activities in Europe. <i>Environment International</i> , <b>2014</b> , 67, 12-21	12.9	102
364	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> , <b>2010</b> , 19, 307-14	5.7	100
363	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> , <b>2004</b> , 331, 125-41	10.2	100
362	Perfluoroalkyl contaminants in liver tissue from East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 981-6	3.8	100
361	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> , <b>2005</b> , 351-352, 369-90	10.2	99
360	Temporal trends of Hg in Arctic biota, an update. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 3520-6	10.2	98
359	Flame retardants and legacy contaminants in polar bears from Alaska, Canada, East Greenland and Svalbard, 2005-2008. <i>Environment International</i> , <b>2011</b> , 37, 365-74	12.9	96
358	Progress in microwave pyrolysis conversion of agricultural waste to value-added biofuels: A batch to continuous approach. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 135, 110148	16.2	96
357	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> , <b>2015</b> , 61, 617-628	2.4	94
356	Xenoendocrine pollutants may reduce size of sexual organs in East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 5668-74	10.3	93
355	Is bone mineral composition disrupted by organochlorines in east Greenland polar bears ( <i>Ursus maritimus</i> )?. <i>Environmental Health Perspectives</i> , <b>2004</b> , 112, 1711-6	8.4	93
354	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> , <b>2009</b> , 35, 1118-24	12.9	91
353	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 &amp; Technology</i> , <b>2008</b> , 42, 752-9	10.3	91
352	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> , <b>2004</b> , 331, 107-24	10.2	89
351	Novel brominated flame retardants and dechlorane plus in Greenland air and biota. <i>Environmental Pollution</i> , <b>2015</b> , 196, 284-91	9.3	85
350	Engineered biochar via microwave CO and steam pyrolysis to treat carcinogenic Congo red dye. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 395, 122636	12.8	83
349	Trends in mercury in hair of Greenlandic polar bears ( <i>Ursus maritimus</i> ) during 1892-2001. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 1120-5	10.3	82

348	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> , <b>2019</b> , 664, 1063-1083	10.2	80
347	A review on phytoremediation of contaminants in air, water and soil. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123658	12.8	78
346	COVID-19's unsustainable waste management. <i>Science</i> , <b>2020</b> , 368, 1438	33.3	77
345	Trends of perfluorochemicals in Greenland ringed seals and polar bears: indications of shifts to decreasing trends. <i>Chemosphere</i> , <b>2013</b> , 93, 1607-14	8.4	76
344	Temporal trends and future predictions of mercury concentrations in Northwest Greenland polar bear ( <i>Ursus maritimus</i> ) hair. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 1458-65	10.3	74
343	Tissue-specific concentrations and patterns of perfluoroalkyl carboxylates and sulfonates in East Greenland polar bears. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 11575-83	10.3	73
342	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> , <b>2010</b> , 408, 5808-16	10.2	73
341	Vacuum pyrolysis incorporating microwave heating and base mixture modification: An integrated approach to transform biowaste into eco-friendly bioenergy products. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 127, 109871	16.2	70
340	Anthropogenic flank attack on polar bears: interacting consequences of climate warming and pollutant exposure. <i>Frontiers in Ecology and Evolution</i> , <b>2015</b> , 3,	3.7	68
339	Cortisol levels in hair of East Greenland polar bears. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 831-4	10.2	68
338	A first evaluation of the usefulness of feathers of nestling predatory birds for non-destructive biomonitoring of persistent organic pollutants. <i>Environment International</i> , <b>2011</b> , 37, 622-30	12.9	67
337	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> , <b>2013</b> , 59, 485-93	12.9	66
336	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> , <b>2015</b> , 140, 45-55	7.9	65
335	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> , <b>2018</b> , 118, 169-178	12.9	64
334	Two decades of biomonitoring polar bear health in Greenland: a review. <i>Acta Veterinaria Scandinavica</i> , <b>2012</b> , 54,	2	60
333	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> , <b>2006</b> , 25, 1551-7	3.8	59
332	Measuring environmental stress in East Greenland polar bears, 1892-1927 and 1988-2009: what does hair cortisol tell us?. <i>Environment International</i> , <b>2012</b> , 45, 15-21	12.9	58
331	Do organohalogen contaminants contribute to histopathology in liver from East Greenland polar bears ( <i>Ursus maritimus</i> )?. <i>Environmental Health Perspectives</i> , <b>2005</b> , 113, 1569-74	8.4	58

330	Accumulation of Short-, Medium-, and Long-Chain Chlorinated Paraffins in Marine and Terrestrial Animals from Scandinavia. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 3526-3537	10.3	55
329	Twenty years of monitoring of persistent organic pollutants in Greenland biota. A review. <i>Environmental Pollution</i> , <b>2016</b> , 217, 114-23	9.3	54
328	PFAS profiles in three North Sea top predators: metabolic differences among species?. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 8013-20	5.1	53
327	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> , <b>2013</b> , 59, 494-500	12.9	52
326	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> , <b>2009</b> , 77, 1558-68	8.4	51
325	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 &amp; Technology</i> , <b>2006</b> , 40, 2056-62	10.3	51
324	Simultaneous removal of toxic ammonia and lettuce cultivation in aquaponic system using microwave pyrolysis biochar. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 396, 122610	12.8	50
323	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> , <b>2015</b> , 138, 22-31	7.9	50
322	Serosurvey for <i>Trichinella</i> in polar bears ( <i>Ursus maritimus</i> ) from Svalbard and the Barents Sea. <i>Veterinary Parasitology</i> , <b>2010</b> , 172, 256-63	2.8	50
321	A recent global review of hazardous chlorpyrifos pesticide in fruit and vegetables: Prevalence, remediation and actions needed. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 400, 123006	12.8	49
320	Are liver and renal lesions in East Greenland polar bears ( <i>Ursus maritimus</i> ) associated with high mercury levels?. <i>Environmental Health</i> , <b>2007</b> , 6, 11	6	49
319	Time trends of mercury in feathers of West Greenland birds of prey during 1851-2003. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 5911-6	10.3	49
318	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> , <b>2011</b> , 37, 1349-56	12.9	47
317	Enzymatic conversion of pretreated lignocellulosic biomass: A review on influence of structural changes of lignin. <i>Bioresource Technology</i> , <b>2021</b> , 324, 124631	11	47
316	Age and seasonal variability of polybrominated diphenyl ethers in free-ranging East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Pollution</i> , <b>2007</b> , 146, 166-73	9.3	46
315	A chronicle of SARS-CoV-2: Seasonality, environmental fate, transport, inactivation, and antiviral drug resistance. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 405, 124043	12.8	46
314	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> , <b>2011</b> , 37, 694-708	12.9	45
313	Relationships between organohalogen contaminants and blood plasma clinical-chemical parameters in chicks of three raptor species from Northern Norway. <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 7-17	7	45

312	Regional contamination versus regional dietary differences: understanding geographic variation in brominated and chlorinated contaminant levels in polar bears. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 896-902	10.3	44
311	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> , <b>2013</b> , 32, 713-22	3.8	43
310	Emerging nanobiotechnology in agriculture for the management of pesticide residues. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 401, 123369	12.8	42
309	Size and density of East Greenland polar bear ( <i>Ursus maritimus</i> ) skulls: Valuable bio-indicators of environmental changes?. <i>Ecological Indicators</i> , <b>2013</b> , 34, 290-295	5.8	41
308	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> , <b>2011</b> , 30, 1506-14	3.8	41
307	High capacity oil absorbent wood prepared through eco-friendly deep eutectic solvent delignification. <i>Chemical Engineering Journal</i> , <b>2020</b> , 401, 126150	14.7	40
306	On the integration of ecological and physiological variables in polar bear toxicology research: a systematic review. <i>Environmental Reviews</i> , <b>2018</b> , 26, 1-12	4.5	40
305	Associations between complex OHC mixtures and thyroid and cortisol hormone levels in East Greenland polar bears. <i>Environmental Research</i> , <b>2012</b> , 116, 26-35	7.9	40
304	Blood plasma clinical-chemical parameters as biomarker endpoints for organohalogen contaminant exposure in Norwegian raptor nestlings. <i>Ecotoxicology and Environmental Safety</i> , <b>2012</b> , 80, 76-83	7	40
303	Temporal trends of mercury in marine biota of west and northwest Greenland. <i>Marine Pollution Bulletin</i> , <b>2007</b> , 54, 72-80	6.7	40
302	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> , <b>2014</b> , 112, 225-31	8.4	39
301	Effects of Polar Bear and Killer Whale Derived Contaminant Cocktails on Marine Mammal Immunity. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 11431-11439	10.3	39
300	Geographic distribution of selected elements in the livers of polar bears from Greenland, Canada and the United States. <i>Environmental Pollution</i> , <b>2008</b> , 153, 618-26	9.3	39
299	Bioaccumulation and biomagnification of perfluoroalkyl acids and precursors in East Greenland polar bears and their ringed seal prey. <i>Environmental Pollution</i> , <b>2019</b> , 252, 1335-1343	9.3	38
298	Progress in waste valorization using advanced pyrolysis techniques for hydrogen and gaseous fuel production. <i>Bioresource Technology</i> , <b>2021</b> , 320, 124299	11	38
297	Blubber-depth distribution and bioaccumulation of PCBs and organochlorine pesticides in Arctic-invading killer whales. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 237-246	10.2	37
296	Persistent organic pollutants and methoxylated polybrominated diphenyl ethers in different tissues of white-tailed eagles ( <i>Haliaeetus albicilla</i> ) from West Greenland. <i>Environmental Pollution</i> , <b>2013</b> , 175, 137-46	9.3	37
295	Selenium in soil-microbe-plant systems: Sources, distribution, toxicity, tolerance, and detoxification. <i>Critical Reviews in Environmental Science and Technology</i> , 1-42	11.1	37

294	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> , <b>2015</b> , 136, 413-23	7.9	35
293	Potential Emergence of Antiviral-Resistant Pandemic Viruses via Environmental Drug Exposure of Animal Reservoirs. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 8503-8505	10.3	35
292	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> , <b>2008</b> , 69, 381-90	7	35
291	Organochlorine-induced histopathology in kidney and liver tissue from Arctic fox ( <i>Vulpes lagopus</i> ). <i>Chemosphere</i> , <b>2008</b> , 71, 1214-24	8.4	35
290	Fluorine Mass Balance and Suspect Screening in Marine Mammals from the Northern Hemisphere. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 4046-4058	10.3	34
289	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. <i>Polar Biology</i> , <b>2013</b> , 36, 1525-1529	2	34
288	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> , <b>2002</b> , 295, 167-81	10.2	34
287	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> , <b>2008</b> , 106, 72-80	7.9	33
286	High-pressure CO <sub>2</sub> hydrothermal pretreatment of peanut shells for enzymatic hydrolysis conversion into glucose. <i>Chemical Engineering Journal</i> , <b>2020</b> , 385, 123949	14.7	33
285	Mitigation of indoor air pollution: A review of recent advances in adsorption materials and catalytic oxidation. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 405, 124138	12.8	33
284	Valorization of municipal wastes using co-pyrolysis for green energy production, energy security, and environmental sustainability: A review. <i>Chemical Engineering Journal</i> , <b>2021</b> , 421, 129749	14.7	33
283	Mercury and cortisol in Western Hudson Bay polar bear hair. <i>Ecotoxicology</i> , <b>2015</b> , 24, 1315-21	2.9	32
282	Establishing a definition of polar bear ( <i>Ursus maritimus</i> ) health: a guide to research and management activities. <i>Science of the Total Environment</i> , <b>2015</b> , 514, 371-8	10.2	32
281	Quantitative relationships in delphinid neocortex. <i>Frontiers in Neuroanatomy</i> , <b>2014</b> , 8, 132	3.6	32
280	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> , <b>2005</b> , 341, 119-32	10.2	32
279	Applying microwave vacuum pyrolysis to design moisture retention and pH neutralizing palm kernel shell biochar for mushroom production. <i>Bioresource Technology</i> , <b>2020</b> , 312, 123572	11	32
278	Validation of adipose lipid content as a body condition index for polar bears. <i>Ecology and Evolution</i> , <b>2014</b> , 4, 516-27	2.8	31
277	A review on valorization of oyster mushroom and waste generated in the mushroom cultivation industry. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 400, 123156	12.8	30

276	Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. <i>Environment International</i> , <b>2020</b> , 139, 105725	12.9	30
275	Organophosphate esters in East Greenland polar bears and ringed seals: Adipose tissue concentrations and in vitro depletion and metabolite formation. <i>Chemosphere</i> , <b>2018</b> , 196, 240-250	8.4	30
274	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> , <b>2009</b> , 407, 6166-72	10.2	30
273	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> , <b>2007</b> , 53, 110-8	3.2	30
272	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> , <b>2007</b> , 89, 563-576	1.4	30
271	A review of historical and recent locust outbreaks: Links to global warming, food security and mitigation strategies. <i>Environmental Research</i> , <b>2020</b> , 191, 110046	7.9	29
270	Arctic-adapted dogs emerged at the Pleistocene-Holocene transition. <i>Science</i> , <b>2020</b> , 368, 1495-1499	33.3	28
269	Prevalence of antibodies against <i>Toxoplasma gondii</i> in polar bears ( <i>Ursus maritimus</i> ) from Svalbard and East Greenland. <i>Journal of Parasitology</i> , <b>2009</b> , 95, 89-94	0.9	28
268	White-Tailed Eagle ( <i>Haliaeetus albicollis</i> ) Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 12744-12753	10.3	27
267	Penile density and globally used chemicals in Canadian and Greenland polar bears. <i>Environmental Research</i> , <b>2015</b> , 137, 287-91	7.9	27
266	Alterations in thyroid hormone status in Greenland sledge dogs exposed to whale blubber contaminated with organohalogen compounds. <i>Ecotoxicology and Environmental Safety</i> , <b>2011</b> , 74, 157-63	7	27
265	Mercury and histopathology of the vulnerable goliath grouper, <i>Epinephelus itajara</i> , in U.S. waters: a multi-tissue approach. <i>Environmental Research</i> , <b>2013</b> , 126, 254-63	7.9	26
264	Population genomics of grey wolves and wolf-like canids in North America. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007745	26	26
263	Evaluation of the use of common sculpin ( <i>Myoxocephalus scorpius</i> ) organ histology as bioindicator for element exposure in the fjord of the mining area Maarmorilik, West Greenland. <i>Environmental Research</i> , <b>2014</b> , 133, 304-11	7.9	25
262	Liver and renal histopathology of North Atlantic long-finned pilot whales ( <i>Globicephala melas</i> ) contaminated with heavy metals and organochlorine compounds. <i>Toxicological and Environmental Chemistry</i> , <b>2010</b> , 92, 969-985	1.4	25
261	Chronic dietary exposure to environmental organochlorine contaminants induces thyroid gland lesions in Arctic foxes ( <i>Vulpes lagopus</i> ). <i>Environmental Research</i> , <b>2009</b> , 109, 702-11	7.9	25
260	Spatial and temporal trends of selected trace elements in liver tissue from polar bears ( <i>Ursus maritimus</i> ) from Alaska, Canada and Greenland. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 2260-7	25	25
259	Comparative fate of organohalogen contaminants in two top carnivores in Greenland: captive sledge dogs and wild polar bears. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2008</b> , 147, 306-15	3.2	25



258	Core-shell structured molecularly imprinted materials for sensing applications. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 133, 116043	14.6	25
257	Per- and polyfluoroalkyl substances (PFASs) - New endocrine disruptors in polar bears ( <i>Ursus maritimus</i> )?. <i>Environment International</i> , <b>2016</b> , 96, 180-189	12.9	25
256	TEMPO-oxidized cellulose nanofibers/polyacrylamide hybrid hydrogel with intrinsic self-recovery and shape memory properties. <i>Cellulose</i> , <b>2021</b> , 28, 1469-1488	5.5	25
255	Organohalogen compounds of emerging concern in Baltic Sea biota: Levels, biomagnification potential and comparisons with legacy contaminants. <i>Environment International</i> , <b>2020</b> , 144, 106037	12.9	24
254	Ecological and spatial factors drive intra- and interspecific variation in exposure of subarctic predatory bird nestlings to persistent organic pollutants. <i>Environment International</i> , <b>2013</b> , 57-58, 25-33	12.9	24
253	Plasma concentrations of organohalogenated pollutants in predatory bird nestlings: associations to growth rate and dietary tracers. <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 2520-7	3.8	24
252	Covid-19 pandemic in the lens of food safety and security. <i>Environmental Research</i> , <b>2021</b> , 193, 110405	7.9	24
251	Influence of carbon and lipid sources on variation of mercury and other trace elements in polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 2739-47	3.8	23
250	Dietary, age and trans-generational effects on the fate of organohalogen contaminants in captive sledge dogs in Greenland. <i>Environment International</i> , <b>2009</b> , 35, 56-62	12.9	23
249	A screening of persistent organohalogenated contaminants in hair of East Greenland polar bears. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 5613-8	10.2	23
248	Skull pathology in East Greenland and Svalbard polar bears ( <i>Ursus maritimus</i> ) during 1892 to 2002 in relation to organochlorine pollution. <i>Science of the Total Environment</i> , <b>2007</b> , 372, 554-61	10.2	23
247	Spatial and temporal variation in size of polar bear ( <i>Ursus maritimus</i> ) sexual organs and its use in pollution and climate change studies. <i>Science of the Total Environment</i> , <b>2007</b> , 387, 237-46	10.2	22
246	Trends in fluctuating asymmetry in East Greenland polar bears ( <i>Ursus maritimus</i> ) from 1892 to 2002 in relation to organohalogen pollution. <i>Science of the Total Environment</i> , <b>2005</b> , 341, 81-96	10.2	22
245	Temporal and life history related trends of perfluorochemicals in harbor porpoises from the Danish North Sea. <i>Marine Pollution Bulletin</i> , <b>2011</b> , 62, 1476-83	6.7	21
244	Hydrogen production and heavy metal immobilization using hyperaccumulators in supercritical water gasification. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 402, 123541	12.8	21
243	Phytoremediation of radionuclides in soil, sediments and water. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 407, 124771	12.8	21
242	Stress management versus cognitive restructuring in trauma-affected refugees-A pragmatic randomised study. <i>Psychiatry Research</i> , <b>2018</b> , 266, 116-123	9.9	20
241	Is there a link between hypospadias and organochlorine exposure in East Greenland sledge dogs ( <i>Canis familiaris</i> )?. <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 69, 391-5	7	20

240	Potential correlation between perfluorinated acids and liver morphology in East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Toxicological and Environmental Chemistry</i> , <b>2008</b> , 90, 275-283	1.4	20
239	Enlarged clitoris in wild polar bears ( <i>Ursus maritimus</i> ) can be misdiagnosed as pseudohermaphroditism. <i>Science of the Total Environment</i> , <b>2005</b> , 337, 45-58	10.2	20
238	Steroid hormones in blood plasma from Greenland sledge dogs ( <i>Canis familiaris</i> ) dietary exposed to organohalogen polluted minke whale ( <i>Balaenoptera acuterostrata</i> ) blubber. <i>Toxicological and Environmental Chemistry</i> , <b>2014</b> , 96, 273-286	1.4	19
237	Antiparasite treatments reduce humoral immunity and impact oxidative status in raptor nestlings. <i>Ecology and Evolution</i> , <b>2013</b> , 3, 5157-66	2.8	19
236	A review on production of lignin-based Bcculants: Sustainable feedstock and low carbon footprint applications. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 134, 110384	16.2	19
235	Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20191929	4.4	19
234	Common Eider ( <i>Somateria Mollissima</i> ) Body Condition and Parasitic Load during a Mortality Event in the Baltic Proper. <i>Avian Biology Research</i> , <b>2018</b> , 11, 167-172	0.8	19
233	A veterinary perspective on One Health in the Arctic. <i>Acta Veterinaria Scandinavica</i> , <b>2017</b> , 59, 84	2	18
232	A review of the factors causing paralysis in wild birds: Implications for the paralytic syndrome observed in the Baltic Sea. <i>Science of the Total Environment</i> , <b>2012</b> , 416, 32-9	10.2	18
231	Organohalogen contaminants and Blood plasma clinical-chemical parameters in three colonies of North Atlantic Great skua ( <i>Stercorarius skua</i> ). <i>Ecotoxicology and Environmental Safety</i> , <b>2013</b> , 92, 245-51	7	18
230	Comparative hepatic activity of xenobiotic-metabolizing enzymes and concentrations of organohalogenes and their hydroxylated analogues in captive Greenland sledge dogs ( <i>Canis familiaris</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 162-72	3.8	18
229	Accumulation and potential health effects of organohalogenated compounds in the arctic fox ( <i>Vulpes lagopus</i> )--a review. <i>Science of the Total Environment</i> , <b>2015</b> , 502, 510-6	10.2	17
228	Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals ( <i>Pusa hispida</i> ). <i>Environmental Research</i> , <b>2016</b> , 151, 244-250	7.9	17
227	Does the nutrition profile of vitamins, fatty acids and microelements counteract the negative impact from organohalogen pollutants on bone mineral density in Greenland sledge dogs ( <i>Canis familiaris</i> )?. <i>Environment International</i> , <b>2008</b> , 34, 811-20	12.9	17
226	Differences in growth, size and sexual dimorphism in skulls of East Greenland and Svalbard polar bears ( <i>Ursus maritimus</i> ). <i>Polar Biology</i> , <b>2008</b> , 31, 945-958	2	17
225	Pollution threatens toothed whales. <i>Science</i> , <b>2018</b> , 361, 1208	33.3	17
224	Development and evaluation of zinc oxide-blended kenaf fiber biocomposite for automotive applications. <i>Materials Today Communications</i> , <b>2020</b> , 24, 101008	2.5	16
223	Physiologically based pharmacokinetic modeling of POPs in Greenlanders. <i>Environment International</i> , <b>2014</b> , 64, 91-7	12.9	16

222	Thyroid gland lesions in organohalogen contaminated East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Toxicological and Environmental Chemistry</i> , <b>2011</b> , 93, 789-805	1.4	16
221	Effects of implanted satellite transmitters on behavior and survival of female common eiders. <i>Journal of Wildlife Management</i> , <b>2011</b> , 75, 1553-1557	1.9	16
220	Organohalogens in a whale-blubber-supplemented diet affects hepatic retinol and renal tocopherol concentrations in greenland sled dogs ( <i>Canis familiaris</i> ). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2010</b> , 73, 773-86	3.2	16
219	Fluctuating Asymmetry in Metric Traits; a Practical Example of Calculating Asymmetry, Measurement Error, and Repeatability. <i>Annales Zoologici Fennici</i> , <b>2008</b> , 45, 32-38	0.9	16
218	Spatial trends of perfluorochemicals in harbor seals ( <i>Phoca vitulina</i> ) from Danish waters. <i>Science of the Total Environment</i> , <b>2012</b> , 414, 732-7	10.2	15
217	Xenoestrogenic and dioxin-like activity in blood of East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Chemosphere</i> , <b>2013</b> , 92, 583-91	8.4	15
216	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> , <b>2017</b> , 73, 542-551	3.2	15
215	Temporal trend of mercury in polar bears ( <i>Ursus maritimus</i> ) from Svalbard using teeth as a biomonitoring tissue. <i>Journal of Environmental Monitoring</i> , <b>2012</b> , 14, 56-63		15
214	Temporal monitoring of liver and kidney lesions in contaminated East Greenland polar bears ( <i>Ursus maritimus</i> ) during 1999-2010. <i>Environment International</i> , <b>2012</b> , 48, 143-9	12.9	15
213	Temporal and Spatial Variation in Metric Asymmetry in Skulls of Polar Bears ( <i>Ursus maritimus</i> ) from East Greenland and Svalbard. <i>Annales Zoologici Fennici</i> , <b>2008</b> , 45, 15-31	0.9	15
212	A review of dietary phytochemicals and their relation to oxidative stress and human diseases. <i>Chemosphere</i> , <b>2021</b> , 271, 129499	8.4	15
211	Metal residues, histopathology and presence of parasites in the liver and gills of fourhorn sculpin ( <i>Myoxocephalus quadricornis</i> ) and shorthorn sculpin ( <i>Myoxocephalus scorpius</i> ) near a former lead-zinc mine in East Greenland. <i>Environmental Research</i> , <b>2017</b> , 153, 171-180	7.9	14
210	Processed Bamboo as a Novel Formaldehyde-Free High-Performance Furniture Biocomposite. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 30824-30832	9.5	14
209	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> , <b>2020</b> , 138, 105618	12.9	14
208	Structure-Dependent in Vitro Metabolism of Alkyl-Substituted Analogues of Triphenyl Phosphate in East Greenland Polar Bears and Ringed Seals. <i>Environmental Science and Technology Letters</i> , <b>2018</b> , 5, 214-219	11	14
207	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> , <b>2018</b> , 162, 74-80	7.9	14
206	Characterisation and 3D structure of melanomacrophage centers in shorthorn sculpins ( <i>Myoxocephalus scorpius</i> ). <i>Tissue and Cell</i> , <b>2019</b> , 57, 34-41	2.7	14
205	A review on the deteriorating situation of smog and its preventive measures in Pakistan. <i>Journal of Cleaner Production</i> , <b>2021</b> , 279, 123676	10.3	14

204	Comparison of heavy metals, parasites and histopathology in sculpins ( <i>Myoxocephalus</i> spp.) from two sites at a lead-zinc mine in North East Greenland. <i>Environmental Research</i> , <b>2018</b> , 165, 306-316	7.9	14
203	Development of formaldehyde-free bio-board produced from mushroom mycelium and substrate waste. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 400, 123296	12.8	13
202	Otolith Chemistry of Common Sculpins ( <i>Myoxocephalus scorpius</i> ) in a Mining Polluted Greenlandic Fiord (Black Angel Lead-Zinc Mine, West Greenland). <i>Water, Air, and Soil Pollution</i> , <b>2015</b> , 226, 1	2.6	13
201	Liver and renal lesions in mercury-contaminated narwhals ( <i>Monodon monoceros</i> ) from North West Greenland. <i>Toxicological and Environmental Chemistry</i> , <b>2013</b> , 95, 1-14	1.4	13
200	Occurrence of vertebral osteophytosis in a museum sample of white-beaked dolphins ( <i>Lagenorhynchus albirostris</i> ) from Danish waters. <i>Journal of Wildlife Diseases</i> , <b>2009</b> , 45, 19-28	1.3	13
199	Ban unsustainable mink production. <i>Science</i> , <b>2020</b> , 370, 539	33.3	13
198	Antidrug resistance in the Indian ambient waters of Ahmedabad during the COVID-19 pandemic. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 126125	12.8	13
197	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 &amp; Technology</i> , <b>2020</b> , 54, 7388-7397	10.3	12
196	A review of pathogens in selected Baltic Sea indicator species. <i>Environment International</i> , <b>2020</b> , 137, 105565	12.9	12
195	Bioaccumulation of mining derived metals in blood, liver, muscle and otoliths of two Arctic predatory fish species ( <i>Gadus ogac</i> and <i>Myoxocephalus scorpius</i> ). <i>Environmental Research</i> , <b>2020</b> , 183, 109194	7.9	12
194	Tissue healing in two harbor porpoises ( <i>Phocoena phocoena</i> ) following long-term satellite transmitter attachment. <i>Marine Mammal Science</i> , <b>2012</b> , 28, E316-E324	1.9	12
193	In search of virus carriers of the 1988 and 2002 phocine distemper virus outbreaks in European harbour seals. <i>Archives of Virology</i> , <b>2008</b> , 153, 187-92	2.6	12
192	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> , <b>2018</b> , 603, 1-12	2.6	12
191	A novel method for analysing key corticosteroids in polar bear ( <i>Ursus maritimus</i> ) hair using liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1017-1018, 45-51	3.2	12
190	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 &amp; Technology</i> , <b>2017</b> , 51, 4673-4680	10.3	11
189	Mucous cell responses to contaminants and parasites in shorthorn sculpins ( <i>Myoxocephalus scorpius</i> ) from a former lead-zinc mine in West Greenland. <i>Science of the Total Environment</i> , <b>2019</b> , 678, 207-216	10.2	11
188	One Health or Planetary Health for pandemic prevention?. <i>Lancet, The</i> , <b>2020</b> , 396, 1882	40	11
187	Persistent organic pollutants and penile bone mineral density in East Greenland and Canadian polar bears ( <i>Ursus maritimus</i> ) during 1996-2015. <i>Environment International</i> , <b>2018</b> , 114, 212-218	12.9	11

186	Risk evaluation of the Arctic environmental POP exposure based on critical body residue and critical daily dose using captive Greenland sledge dogs ( <i>Canis familiaris</i> ) as surrogate species. <i>Environment International</i> , <b>2016</b> , 88, 221-227	12.9	11
185	Modeling Population-Level Consequences of Polychlorinated Biphenyl Exposure in East Greenland Polar Bears. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2016</b> , 70, 143-54	3.2	11
184	Altered vitamin D status in liver tissue and blood plasma from Greenland sledge dogs ( <i>Canis familiaris</i> ) dietary exposed to organohalogen contaminated minke whale ( <i>Balaenoptera acuterostrata</i> ) blubber. <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 104, 403-8	7	11
183	Craniometric characteristics of polar bear skulls from two periods with contrasting levels of industrial pollution and sea ice extent. <i>Journal of Zoology</i> , <b>2009</b> , 279, 321-328	2	11
182	Using nucleophilic naphthol derivatives to suppress biomass lignin repolymerization in fermentable sugar production. <i>Chemical Engineering Journal</i> , <b>2021</b> , 420, 130258	14.7	11
181	Ultrastructural change in lignocellulosic biomass during hydrothermal pretreatment. <i>Bioresource Technology</i> , <b>2021</b> , 341, 125807	11	11
180	Temporal trends of mercury differ across three northern white-tailed eagle ( <i>Haliaeetus albicilla</i> ) subpopulations. <i>Science of the Total Environment</i> , <b>2019</b> , 687, 77-86	10.2	10
179	Deforestation of rainforests requires active use of UN's Sustainable Development Goals. <i>Science of the Total Environment</i> , <b>2020</b> , 742, 140681	10.2	10
178	Using energy budgets to combine ecology and toxicology in a mammalian sentinel species. <i>Scientific Reports</i> , <b>2017</b> , 7, 46267	4.9	10
177	Migration patterns, breeding and moulting locations of king eiders wintering in north-eastern Norway. <i>Polar Biology</i> , <b>2010</b> , 33, 1379-1385	2	10
176	Trans-generational and neonatal humoral immune responses in West Greenland sledge dogs ( <i>Canis familiaris</i> ) exposed to organohalogenated environmental contaminants. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 5801-7	10.2	10
175	Health assessment of harbour porpoises ( <i>PHOCOENA PHOCOENA</i> ) from Baltic area of Denmark, Germany, Poland and Latvia. <i>Environment International</i> , <b>2020</b> , 143, 105904	12.9	10
174	A schematic sampling protocol for contaminant monitoring in raptors. <i>Ambio</i> , <b>2021</b> , 50, 95-100	6.5	10
173	Strategic hazard mitigation of waste furniture boards via pyrolysis: Pyrolysis behavior, mechanisms, and value-added products. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 421, 126774	12.8	10
172	Concentrations of vitamin A, E, thyroid and testosterone hormones in blood plasma and tissues from emaciated adult male Arctic foxes ( <i>Vulpes lagopus</i> ) dietary exposed to persistent organic pollutants (POPs). <i>Environmental Research</i> , <b>2017</b> , 154, 284-290	7.9	9
171	A rapid analytical method to quantify complex organohalogen contaminant mixtures in large samples of high lipid mammalian tissues. <i>Chemosphere</i> , <b>2017</b> , 176, 243-248	8.4	9
170	Histological mucous cell quantification and mucosal mapping reveal different aspects of mucous cell responses in gills and skin of shorthorn sculpins ( <i>Myoxocephalus scorpius</i> ). <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 100, 334-344	4.3	9
169	Lead and Other Trace Elements in Danish Birds of Prey. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2019</b> , 77, 359-367	3.2	9

168	East Greenland and Barents Sea polar bears ( <i>Ursus maritimus</i> ): adaptive variation between two populations using skull morphometrics as an indicator of environmental and genetic differences. <i>Hereditas</i> , <b>2012</b> , 149, 99-107	2.4	9
167	Quantification of achiral and chiral methylsulfonyl polychlorinated biphenyl metabolites by column-switching liquid chromatography-atmospheric pressure photoionization-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1268, 64-73	4.5	9
166	Testosterone concentrations and male genital organ morphology in Greenland sledge dogs ( <i>Canis familiaris</i> ) dietary exposed to organohalogen contaminants. <i>Toxicological and Environmental Chemistry</i> , <b>2010</b> , 92, 955-967	1.4	9
165	Field metabolic rate and PCB adipose tissue deposition efficiency in East Greenland polar bears derived from contaminant monitoring data. <i>PLoS ONE</i> , <b>2014</b> , 9, e104037	3.7	9
164	The ongoing cut-down of the Amazon rainforest threatens the climate and requires global tree planting projects: A short review. <i>Environmental Research</i> , <b>2020</b> , 181, 108887	7.9	9
163	Allee effect in polar bears: a potential consequence of polychlorinated biphenyl contamination. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	9
162	Progress in microbial biomass conversion into green energy. <i>Chemosphere</i> , <b>2021</b> , 281, 130835	8.4	9
161	Advanced nanocellulose-based gas barrier materials: Present status and prospects. <i>Chemosphere</i> , <b>2022</b> , 286, 131891	8.4	9
160	Florida lagoon at risk of ecosystem collapse. <i>Science</i> , <b>2019</b> , 365, 991-992	33.3	8
159	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> , <b>2019</b> , 9, 6918	4.9	8
158	Haematology, blood biochemistry, parasites and pathology of common eider ( <i>Somateria mollissima</i> ) males during a mortality event in the Baltic. <i>Science of the Total Environment</i> , <b>2019</b> , 683, 559-567	10.2	8
157	Using low carbon footprint high-pressure carbon dioxide in bioconversion of aspen branch waste for sustainable bioethanol production. <i>Bioresource Technology</i> , <b>2020</b> , 313, 123675	11	8
156	Bioaccumulation potential of bisphenols and benzophenone UV filters: A multiresidue approach in raptor tissues. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140330	10.2	8
155	Support Austria's glyphosate ban. <i>Science</i> , <b>2020</b> , 367, 257-258	33.3	8
154	Spatiotemporal variation in home range size of female polar bears and correlations with individual contaminant load. <i>Polar Biology</i> , <b>2016</b> , 39, 1479-1489	2	8
153	A simple method to reduce the risk of cadmium exposure from consumption of Iceland scallops ( <i>Chlamys islandica</i> ) fished in Greenland. <i>Environment International</i> , <b>2014</b> , 69, 100-3	12.9	8
152	A simple and novel method for retrieval of Pasteurellaceae from swab samples collected in the field. <i>MicrobiologyOpen</i> , <b>2013</b> , 2, 795-7	3.4	8
151	Skull Foramina Asymmetry in East Greenland and Svalbard Polar Bears ( <i>Ursus maritimus</i> ) in Relation to Stressful Environments. <i>Annales Zoologici Fennici</i> , <b>2009</b> , 46, 181-192	0.9	8

150	Emerging contaminants and biological effects in Arctic wildlife. <i>Trends in Ecology and Evolution</i> , <b>2021</b> , 36, 421-429	10.9	8
149	Recent advances in asphaltene transformation in heavy oil hydroprocessing: Progress, challenges, and future perspectives. <i>Fuel Processing Technology</i> , <b>2021</b> , 213, 106681	7.2	8
148	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> , <b>2021</b> , 146, 106178	12.9	8
147	Physiologically-based pharmacokinetic modelling of distribution, bioaccumulation and excretion of POPs in Greenland sledge dogs ( <i>Canis familiaris</i> ). <i>Environmental Research</i> , <b>2015</b> , 142, 380-6	7.9	7
146	Life cycle bioenergetics of the gray seal ( <i>Halichoerus grypus</i> ) in the Baltic Sea: Population response to environmental stress. <i>Environment International</i> , <b>2020</b> , 145, 106145	12.9	7
145	Soil and geologic formations as antidotes for CO2 sequestration?. <i>Soil Use and Management</i> , <b>2020</b> , 36, 355-357	3.1	7
144	A review on mobile phones as bacterial reservoirs in healthcare environments and potential device decontamination approaches. <i>Environmental Research</i> , <b>2020</b> , 186, 109569	7.9	7
143	Chemical cocktail party in East Greenland: A first time evaluation of human organohalogen exposure from consumption of ringed seal and polar bear tissues and possible health implications. <i>Toxicological and Environmental Chemistry</i> , <b>2013</b> , 95, 853-859	1.4	7
142	A screening of liver, kidney, and thyroid gland morphology in organochlorine-contaminated glaucous gulls ( <i>Larus hyperboreus</i> ) from Svalbard. <i>Toxicological and Environmental Chemistry</i> , <b>2013</b> , 95, 172-186	1.4	7
141	Mineral density and biomechanical properties of bone tissue from male Arctic foxes ( <i>Vulpes lagopus</i> ) exposed to organochlorine contaminants and emaciation. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 97-103	3.2	7
140	First predatory journals, now conferences: The need to establish lists of fake conferences. <i>Science of the Total Environment</i> , <b>2020</b> , 715, 136990	10.2	7
139	Denmark recycling plan will cut waste by two-thirds. <i>Nature</i> , <b>2020</b> , 584, 192	50.4	7
138	COVID-19: Resource recovery from plastic waste against plastic pollution. <i>Cogent Environmental Science</i> , <b>2020</b> , 6, 1801220	1.6	7
137	Analysis of narwhal tusks reveals lifelong feeding ecology and mercury exposure. <i>Current Biology</i> , <b>2021</b> , 31, 2012-2019.e2	6.3	7
136	Vertical flow constructed wetlands using expanded clay and biochar for wastewater remediation: A comparative study and prediction of effluents using machine learning. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 413, 125426	12.8	7
135	Omics technologies used in pesticide residue detection and mitigation in crop. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 420, 126624	12.8	7
134	Valorisation of biomass and diaper waste into a sustainable production of the medical mushroom Lingzhi <i>Ganoderma lucidum</i> . <i>Chemosphere</i> , <b>2022</b> , 286, 131477	8.4	7
133	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. <i>Veterinary Immunology and Immunopathology</i> , <b>2018</b> , 198, 14-18	2	6

132	Environmental contaminant mixtures modulate in vitro influenza infection. <i>Science of the Total Environment</i> , <b>2018</b> , 634, 20-28	10.2	6
131	Hepatic and renal histology and mercury concentrations of North West and North East Greenland narwhals ( <i>Monodon monoceros</i> ). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2018</b> , 81, 202-211	3.2	6
130	Vitamins A and E in liver, kidney, and whole blood of East Greenland polar bears sampled 1994-2008: reference values and temporal trends. <i>Polar Biology</i> , <b>2016</b> , 39, 743-754	2	6
129	Japanese quail ( <i>Coturnix japonica</i> ) liver and thyroid gland histopathology as a result of in ovo exposure to the flame retardants tris(1,3-dichloro-2-propyl) phosphate and Dechlorane Plus. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2017</b> , 80, 525-531	3.2	6
128	Distribution of vitamins A (retinol) and E (Tocopherol) in polar bear kidney: Implications for biomarker studies. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 3508-11	10.2	6
127	Screening of thyroid gland histology in organohalogen-contaminated glaucous gulls ( <i>Larus hyperboreus</i> ) from the Norwegian Arctic. <i>Toxicological and Environmental Chemistry</i> , <b>2010</b> , 92, 1705-1713	1.4	6
126	Candling and Field Atlas of Early Egg Development in Common Eiders <i>Somateria Mollissima</i> in the Central Baltic. <i>Acrocephalus</i> , <b>2018</b> , 39, 85-90	0.1	6
125	<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> , <b>2015</b> , 65, 3683-3689	2.2	6
124	Factors affecting global flow of scientific knowledge in environmental sciences. <i>Science of the Total Environment</i> , <b>2020</b> , 701, 135012	10.2	6
123	Stranded cetaceans warn of high perfluoroalkyl substance pollution in the western Mediterranean Sea. <i>Environmental Pollution</i> , <b>2020</b> , 267, 115367	9.3	6
122	An Overview on the Conversion of Forest Biomass into Bioenergy. <i>Frontiers in Energy Research</i> , <b>2021</b> , 9,	3.8	6
121	A Comparative Study on the Faecal Bacterial Community and Potential Zoonotic Bacteria of Muskoxen ( <i>Ovis montanus</i> ) in Northeast Greenland, Northwest Greenland and Norway. <i>Microorganisms</i> , <b>2018</b> , 6,	4.9	6
120	Steroid hormones in multiple tissues of East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Polar Biology</i> , <b>2017</b> , 40, 37-49	2	5
119	Plasma protein fractions in free-living white-tailed eagle ( <i>Haliaeetus albicilla</i> ) nestlings from Norway. <i>BMC Veterinary Research</i> , <b>2019</b> , 15, 290	2.7	5
118	Lead concentrations in blood from incubating common eiders ( <i>Somateria mollissima</i> ) in the Baltic Sea. <i>Environment International</i> , <b>2020</b> , 137, 105582	12.9	5
117	Wildfire puts koalas at risk of extinction. <i>Science</i> , <b>2020</b> , 367, 750	33.3	5
116	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> , <b>2019</b> , 177, 108602	7.9	5
115	In vitro metabolism of polychlorinated biphenyls and cytochrome P450 monooxygenase activities in dietary-exposed Greenland sledge dogs. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 150, 91-100	3.2	5



114	Incubation Behaviour of Common Eiders Somateria Mollissima in the Central Baltic: Nest Attendance and Loss in Body Mass. <i>Acrocephalus</i> , <b>2018</b> , 39, 91-100	0.1	5
113	Progress, prospects, and challenges in standardization of sampling and analysis of micro- and nano-plastics in the environment. <i>Journal of Cleaner Production</i> , <b>2021</b> , 325, 129321	10.3	5
112	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> , <b>2020</b> , 533, 151456	2.1	5
111	Progress in pyrolysis conversion of waste into value-added liquid pyro-oil, with focus on heating source and machine learning analysis. <i>Energy Conversion and Management</i> , <b>2021</b> , 245, 114638	10.6	5
110	Progress in the torrefaction technology for upgrading oil palm wastes to energy-dense biochar: A review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 151, 111645	16.2	5
109	Production of modified biochar to treat landfill leachate using integrated microwave pyrolytic CO <sub>2</sub> activation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 425, 131886	14.7	5
108	Nanomaterial-based aptasensors as an efficient substitute for cardiovascular disease diagnosis: Future of smart biosensors. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 193, 113617	11.8	5
107	Human exposure to PFOS and mercury through meat from baltic harbour seals ( <i>Phoca vitulina</i> ). <i>Environmental Research</i> , <b>2019</b> , 175, 376-383	7.9	4
106	Age and seasonal variation in testis and baculum morphology in East Greenland polar bears ( <i>Ursus maritimus</i> ) in relation to high concentrations of persistent organic pollutants. <i>Environmental Research</i> , <b>2019</b> , 173, 246-254	7.9	4
105	Upscaling feasibility of a graphite-based truncated conical microbial fuel cell for bioelectrogenesis through organic wastewater treatment. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 570, 99-108	9.3	4
104	Prevalence of skull pathologies in European harbor seals ( <i>Phoca vitulina</i> ) during 1981-2014. <i>Mammal Research</i> , <b>2018</b> , 63, 55-63	1.8	4
103	Greenland sled dogs at risk of extinction. <i>Science</i> , <b>2018</b> , 360, 1080	33.3	4
102	The influence of natural variation and organohalogenated contaminants on physiological parameters in white-tailed eagle ( <i>Haliaeetus albicilla</i> ) nestlings from Norway. <i>Environmental Research</i> , <b>2019</b> , 177, 108586	7.9	4
101	Bioaccumulation of rare earth elements in juvenile arctic char ( <i>Salvelinus alpinus</i> ) under field experimental conditions. <i>Science of the Total Environment</i> , <b>2019</b> , 688, 529-535	10.2	4
100	Trade war threatens sustainability. <i>Science</i> , <b>2019</b> , 364, 1242-1243	33.3	4
99	Response to L. Witting: PCBs still a major risk for global killer whale populations. <i>Marine Mammal Science</i> , <b>2019</b> , 35, 1201-1206	1.9	4
98	Using citizen science to speed up plastic collection and mapping of urban noise: Lessons learned from Denmark. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 149, 110591	6.7	4
97	An immunohistochemical study of retinol-binding protein (RBP) in livers of free-living polar bears ( <i>Ursus maritimus</i> ) from east Greenland. <i>Journal of Zoo and Wildlife Medicine</i> , <b>2005</b> , 36, 440-6	0.9	4

96	Hormesis induced by silver iodide, hydrocarbons, microplastics, pesticides, and pharmaceuticals: Implications for agroforestry ecosystems health.. <i>Science of the Total Environment</i> , <b>2022</b> , 820, 153116	10.2	4
95	Adsorption of environmental contaminants on micro- and nano-scale plastic polymers and the influence of weathering processes on their adsorptive attributes.. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 427, 127903	12.8	4
94	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> , <b>2020</b> , 745, 140978	10.2	4
93	Seize China's momentum to protect pangolins. <i>Science</i> , <b>2021</b> , 371, 1214	33.3	4
92	Why is the last Thick-billed Murre <i>Uria lomvia</i> colony in central West Greenland heading for extinction?. <i>Bird Conservation International</i> , <b>2016</b> , 26, 177-191	1.7	4
91	Time to ban lead hunting ammunition. <i>Science</i> , <b>2019</b> , 366, 961-962	33.3	4
90	Mandibular shape in farmed Arctic foxes ( <i>Vulpes lagopus</i> ) exposed to persistent organic pollutants. <i>Science of the Total Environment</i> , <b>2019</b> , 646, 1063-1068	10.2	4
89	Discussion: Peer-review under siege. <i>Science of the Total Environment</i> , <b>2019</b> , 651, 1180-1181	10.2	4
88	Changes in blood biochemistry of incubating Baltic Common Eiders ( <i>Somateria mollissima</i> ). <i>Journal of Ornithology</i> , <b>2020</b> , 161, 25-33	1.5	4
87	Effects of biometrics, location and persistent organic pollutants on blood clinical-chemical parameters in polar bears ( <i>Ursus maritimus</i> ) from Svalbard, Norway. <i>Environmental Research</i> , <b>2018</b> , 165, 387-399	7.9	4
86	Elevation in wildfire frequencies with respect to the climate change. <i>Journal of Environmental Management</i> , <b>2022</b> , 301, 113769	7.9	4
85	Lead isotopic signatures in blood from incubating common eiders ( <i>Somateria mollissima</i> ) in the central Baltic Sea. <i>Environment International</i> , <b>2020</b> , 142, 105874	12.9	3
84	Immune function in arctic mammals: Natural killer (NK) cell-like activity in polar bear, muskox and reindeer. <i>Veterinary Immunology and Immunopathology</i> , <b>2018</b> , 195, 72-75	2	3
83	Pig slurry needs modifications to be a sustainable fertilizer in crop production. <i>Environmental Research</i> , <b>2019</b> , 178, 108718	7.9	3
82	Perspectives on phytoremediation of zinc pollution in air, water and soil. <i>Sustainable Chemistry and Pharmacy</i> , <b>2021</b> , 24, 100550	3.9	3
81	Body mass, mercury exposure, biochemistry and untargeted metabolomics of incubating common eiders ( <i>Somateria mollissima</i> ) in three Baltic colonies. <i>Environment International</i> , <b>2020</b> , 142, 105866	12.9	3
80	Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 4923-4931	10.3	3
79	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> , <b>2021</b> , 28, 61423-61440	5.1	3

78	Stress management versus cognitive restructuring: A randomized clinical study on traumatized refugees. <i>European Psychiatry</i> , <b>2016</b> , 33, S399-S340	6	3
77	Discussion: Illegal kills of protected wolves call for public reasoning. <i>Science of the Total Environment</i> , <b>2019</b> , 665, 617-619	10.2	3
76	Trichodinid infections in internal organs of shorthorn sculpin ( <i>Myoxocephalus scorpius</i> ) collected around an industrial harbour in Nuuk, Greenland. <i>Parasitology</i> , <b>2019</b> , 146, 506-510	2.7	3
75	Recycling of aquaculture wastewater and sediment for sustainable corn and water spinach production. <i>Chemosphere</i> , <b>2021</b> , 268, 129329	8.4	3
74	The Baltic Sea: An ecosystem with multiple stressors. <i>Environment International</i> , <b>2021</b> , 147, 106324	12.9	3
73	Histology of Sculpin spp. in east Greenland. I. Histological measures. <i>Toxicological and Environmental Chemistry</i> , <b>2018</b> , 100, 607-628	1.4	3
72	Mexico's final death blow to the vaquita. <i>Science</i> , <b>2021</b> , 373, 863-864	33.3	3
71	Sources, distribution and effects of rare earth elements in the marine environment: Current knowledge and research gaps. <i>Environmental Pollution</i> , <b>2021</b> , 291, 118230	9.3	3
70	Microwave co-torrefaction of waste oil and biomass pellets for simultaneous recovery of waste and co-firing fuel. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 152, 111699	16.2	3
69	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals.. <i>Science of the Total Environment</i> , <b>2022</b> , 829, 154445	10.2	3
68	Sustainable management of municipal solid waste through waste-to-energy technologies.. <i>Bioresource Technology</i> , <b>2022</b> , 355, 127247	11	3
67	Blood clinical-chemical parameters and feeding history in growing Japanese quail ( <i>Coturnix japonica</i> ) chicks exposed to Tris(1,3-dichloro-2-propyl) phosphate and Dechlorane Plus in ovo. <i>Toxicological and Environmental Chemistry</i> , <b>2017</b> , 99, 938-952	1.4	2
66	Seroprevalence of avian influenza in Baltic common eiders ( <i>Somateria mollissima</i> ) and pink-footed geese ( <i>Anser brachyrhynchus</i> ). <i>Environment International</i> , <b>2020</b> , 142, 105873	12.9	2
65	Immunotoxic Effects of Environmental Pollutants in Marine Mammals <b>2018</b> , 321-343		2
64	New funds needed to cover open-access costs. <i>Nature</i> , <b>2019</b> , 575, 51	50.4	2
63	Aviation, melting sea-ice and polar bears. <i>Environment International</i> , <b>2019</b> , 133, 105279	12.9	2
62	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> , <b>2015</b> , 38, 1285-1296	2	2
61	Pathology and Plasma Biochemistry of Common Eider () Males Wintering in the Danish Part of the Western Baltic <b>2019</b> , 33, 302-307		2

60	A gloomy future for light-bellied brent geese in Tusenøane, Svalbard, under a changing predator regime. <i>Polar Research</i> , <b>2019</b> , 38,	2	2
59	Generating alternative fuel and bioplastics from medical plastic waste and waste frying oil using microwave co-pyrolysis combined with microbial fermentation. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 153, 111790	16.2	2
58	Sled Dogs as Sentinel Species for Monitoring Arctic Ecosystem Health <b>2020</b> , 21-45		2
57	Protect Denmark's groundwater from pesticides. <i>Nature</i> , <b>2018</b> , 562, 192	50.4	2
56	Haematology and clinical blood chemistry in harbour porpoises ( <i>Phocoena phocoena</i> ) from the inner Danish waters. <i>Environment International</i> , <b>2020</b> , 143, 105937	12.9	2
55	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> , <b>2020</b> , 143, 105968	12.9	2
54	Mercury exposure and risk assessment for Eurasian otters ( <i>Lutra lutra</i> ) in Denmark. <i>Chemosphere</i> , <b>2021</b> , 272, 129608	8.4	2
53	3Rs as part of preclinical neuropsychiatric translational crisis, and ARRIVE guidelines as part of solution. <i>Acta Neuropsychiatrica</i> , <b>2019</b> , 31, 348-349	3.9	2
52	Histology of Sculpin spp. in East Greenland. II. Histopathology and trace element concentrations. <i>Toxicological and Environmental Chemistry</i> , <b>2018</b> , 100, 769-784	1.4	2
51	Splenic and renal melanomacrophage centers in shorthorn sculpins ( <i>Myoxocephalus scorpius</i> ) in Nuuk harbor, West Greenland. <i>Polar Biology</i> , <b>2021</b> , 44, 2011-2021	2	2
50	Progress and challenges in sensing of mycotoxins using molecularly imprinted polymers.. <i>Environmental Pollution</i> , <b>2022</b> , 119218	9.3	2
49	Effects of waste-based pyrolysis as heating source: Meta-analyze of char yield and machine learning analysis. <i>Fuel</i> , <b>2022</b> , 318, 123578	7.1	2
48	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring.. <i>Science of the Total Environment</i> , <b>2022</b> , 155803	10.2	2
47	Denmark defies EU neonicotinoid ban. <i>Science</i> , <b>2019</b> , 363, 938	33.3	1
46	Killer whales call for further protection. <i>Environment International</i> , <b>2019</b> , 126, 443-444	12.9	1
45	South Korea's big move to hydrogen society. <i>Cogent Environmental Science</i> , <b>2020</b> , 6, 1856459	1.6	1
44	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> , <b>2018</b> , 41, 1019-1025	2	1
43	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> , <b>2018</b> , 41, 1671-1680	2	1

42	The treatment of traumatised refugees with sertraline versus venlafaxine in combination with psychotherapy in a randomised clinical study. <i>European Psychiatry</i> , <b>2016</b> , 33, S400-S400	6	1
41	Monitoring Temperature and Heart Rate during Surgical Field Implantation of PTT-100 Satellite Transmitters in Greenland Sea Birds. <i>Veterinary Medicine International</i> , <b>2011</b> , 2011, 423010	1.5	1
40	Comparison of the Enantiomer Distribution of Chiral Organochlorine Contaminants in Captive West Greenland Sled Dogs and Polar Bears from Baffin Bay. <i>ACS Symposium Series</i> , <b>2011</b> , 45-63	0.4	1
39	Pilot-scale co-processing of lignocellulosic biomass, algae, shellfish waste via thermochemical approach: Recent progress and future directions.. <i>Bioresource Technology</i> , <b>2022</b> , 347, 126687	11	1
38	Air Pollution and Its Association with the Greenland Ice Sheet Melt. <i>Sustainability</i> , <b>2021</b> , 13, 65	3.6	1
37	Locust epidemic in Africa raises environmental concerns. <i>Chemosphere</i> , <b>2021</b> , 270, 129454	8.4	1
36	Mercury and neurochemical biomarkers in multiple brain regions of five Arctic marine mammals. <i>NeuroToxicology</i> , <b>2021</b> , 84, 136-145	4.4	1
35	European eel population at risk of collapse. <i>Science</i> , <b>2021</b> , 372, 1271	33.3	1
34	Set sustainable goals for the Arctic gateway coordinated international governance is required to resist yet another tipping point. <i>Science of the Total Environment</i> , <b>2021</b> , 776, 146003	10.2	1
33	Homology Modeling and Probable Active Site Cavity Prediction of Uncharacterized Arsenate Reductase in Bacterial spp. <i>Applied Biochemistry and Biotechnology</i> , <b>2021</b> , 193, 1-18	3.2	1
32	Feeding habits of Baffin Bay polar bears ( <i>Ursus maritimus</i> ): insight from stable isotopes and total mercury in hair. <i>Marine Ecology - Progress Series</i> ,	2.6	1
31	Environmental and life-history factors influence inter-colony multidimensional niche metrics of a breeding Arctic marine bird. <i>Science of the Total Environment</i> , <b>2021</b> , 796, 148935	10.2	1
30	A comparative study on physicochemical properties, pyrolytic behaviour and kinetic parameters of environmentally harmful aquatic weeds for sustainable shellfish aquaculture. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127329	12.8	1
29	Arctic Ecosystems, Wildlife and Man: Threats from Persistent Organic Pollutants and Mercury <b>2022</b> , 139-158		1
28	The effects of COVID-19 transmission on environmental sustainability and human health: Paving the way to ensure its sustainable management. <i>Science of the Total Environment</i> , <b>2022</b> , 838, 156039	10.2	1
27	Sumatran rhinoceros on the brink of extinction. <i>Science</i> , <b>2020</b> , 368, 958	33.3	0
26	Reply to Tillitt et al. 2012: Thiamine deficiency: A viable hypothesis for paralytic syndrome in Baltic birds. <i>Science of the Total Environment</i> , <b>2012</b> , 433, 563-564	10.2	0
25	Science-informed salmon conservation strategies. <i>Science</i> , <b>2021</b> , 374, 700	33.3	0

24	Structural properties and hydrolysability of recycled poplar residues ( <i>Populus L.</i> ): Effects of two-step acetic acid and sodium sulphite pre-treatment. <i>Chemosphere</i> , <b>2021</b> , 132679	8.4	o
23	In Silico Analysis of the Antigenic Properties of Iron-Regulated Proteins against <i>Neisseria meningitidis</i> . <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 6113	2.6	o
22	Variation in non-metrical skull traits of polar bears ( <i>Ursus maritimus</i> ) and relationships across East Greenland and adjacent subpopulations (1830-2013). <i>Polar Biology</i> , <b>2019</b> , 42, 461-474	2	o
21	Production of value-added hydrochar from single-mode microwave hydrothermal carbonization of oil palm waste for de-chlorination of domestic water.. <i>Science of the Total Environment</i> , <b>2022</b> , 154968	10.2	o
20	Environmental perspectives of textile waste, environmental pollution and recycling. <i>Environmental Technology Reviews</i> , <b>2022</b> , 11, 62-71	7.7	o
19	A scalable and simple lignin-based polymer for ultra-efficient flocculation and sterilization. <i>Separation and Purification Technology</i> , <b>2022</b> , 292, 120960	8.3	o
18	Hunting with Lead Ammunition: A One Health Perspective <b>2022</b> , 439-468		o
17	Validation of quantitative fatty acid signature analysis for estimating the diet composition of free-ranging killer whales.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7938	4.9	o
16	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> , <b>2022</b> , 838, 156171	10.2	o
15	Cold case reopened: finding clues to recurrent mass mortalities in Greenland sled dogs ( <i>Canis lupus familiaris borealis</i> ). <i>Polar Biology</i> , <b>2019</b> , 42, 1411-1413	2	
14	Nunavut's ill-advised hunting proposal. <i>Science</i> , <b>2019</b> , 364, 539	33.3	
13	Japans commercial whaling is a threat to public health. <i>Science of the Total Environment</i> , <b>2019</b> , 680, 10-12	0.2	
12	Discussion: Early life and lessons learned from mass extinctions. <i>Environmental Research</i> , <b>2019</b> , 172, 444-445	4.5	
11	Be cautious applying carbon-fluorine bonds in drug delivery. <i>Chemosphere</i> , <b>2020</b> , 248, 125971	8.4	
10	Anti-parasite treatment and blood biochemistry in raptor nestlings. <i>Canadian Journal of Zoology</i> , <b>2017</b> , 95, 685-693	1.5	
9	Element concentrations, histology and serum biochemistry of arctic char ( <i>Salvelinus alpinus</i> ) and shorthorn sculpins ( <i>Myoxocephalus scorpius</i> ) in northwest Greenland.. <i>Environmental Research</i> , <b>2022</b> , 208, 112742	7.9	
8	Polar Bear ( <i>Ursus maritimus</i> ) <b>2020</b> , 196-212		
7	Liver histopathology of Baltic grey seals ( <i>Halichoerus grypus</i> ) over three decades. <i>Environment International</i> , <b>2020</b> , 145, 106110	12.9	

- 6 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
- 5 Circulating trace elements: Comparison between early and late incubation in common eiders (*Somateria mollissima*) in the central Baltic Sea. *Environmental Research*, **2020**, 191, 110120 7.9
- 4 Environmental management of two of the world's most endangered marine and terrestrial predators: Vaquita and cheetah. *Environmental Research*, **2020**, 190, 109966 7.9
- 3 A case report of biochemistry and serum amyloid A in a moribund free-ranging Baltic herring gull (*Larus argentatus*) with necrotic wing fracture. *German Journal of Veterinary Research*, **2021**, 1, 56-60
- 2 IPY BearHealth: Polar Bear (*Ursus maritimus*) Circumpolar Health Assessment in Relation to Persistent Pollutants and Climate Change. *From Pole To Pole*, **2016**, 203-227
- 1 Polar bear health in environmental science and translational medicine. *Environment International*, **2018**, 121, 296 12.9