

# Christian Sonne

## List of Publications by Year in descending order

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Version: 2024-02-01

393  
papers

16,061  
citations

13865

67  
h-index

28297

105  
g-index

401  
all docs

401  
docs citations

401  
times ranked

11839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium in soil-microbe-plant systems: Sources, distribution, toxicity, tolerance, and detoxification. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 2383-2420.	12.8	79
2	Advanced nanocellulose-based gas barrier materials: Present status and prospects. <i>Chemosphere</i> , 2022, 286, 131891.	8.2	39
3	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> , 2022, 424, 127329.	12.4	4
4	Strategic hazard mitigation of waste furniture boards via pyrolysis: Pyrolysis behavior, mechanisms, and value-added products. <i>Journal of Hazardous Materials</i> , 2022, 421, 126774.	12.4	40
5	Valorisation of biomass and diaper waste into a sustainable production of the medical mushroom <i>Lingzhi Ganoderma lucidum</i> . <i>Chemosphere</i> , 2022, 286, 131477.	8.2	20
6	Elevation in wildfire frequencies with respect to the climate change. <i>Journal of Environmental Management</i> , 2022, 301, 113769.	7.8	70
7	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> , 2022, 291, 132679.	8.2	8
8	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> , 2022, 153, 111790.	16.4	28
9	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> , 2022, 427, 127903.	12.4	35
10	Pilot-scale co-processing of lignocellulosic biomass, algae, shellfish waste via thermochemical approach: Recent progress and future directions. <i>Bioresource Technology</i> , 2022, 347, 126687.	9.6	28
11	Hormesis induced by silver iodide, hydrocarbons, microplastics, pesticides, and pharmaceuticals: Implications for agroforestry ecosystems health. <i>Science of the Total Environment</i> , 2022, 820, 153116.	8.0	33
12	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> , 2022, 208, 112742.	7.5	1
13	Is Virtual Fencing an Effective Way of Enclosing Cattle? Personality, Herd Behaviour and Welfare. <i>Animals</i> , 2022, 12, 842.	2.3	24
14	Progress and challenges in sensing of mycotoxins using molecularly imprinted polymers. <i>Environmental Pollution</i> , 2022, 305, 119218.	7.5	23
15	Number of Primordial Follicles in Juvenile Ringed Seals ( <i>Pusa hispida</i> ) from the Gulf of Bothnia and West Greenland. <i>Animals</i> , 2022, 12, 669.	2.3	0
16	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> , 2022, 833, 154968.	8.0	18
17	Environmental perspectives of textile waste, environmental pollution and recycling. <i>Environmental Technology Reviews</i> , 2022, 11, 62-71.	4.3	8
18	Effects of waste-based pyrolysis as heating source: Meta-analyze of char yield and machine learning analysis. <i>Fuel</i> , 2022, 318, 123578.	6.4	17

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19	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals. <i>Science of the Total Environment</i> , 2022, 829, 154445.	8.0	29
20	A scalable and simple lignin-based polymer for ultra-efficient flocculation and sterilization. <i>Separation and Purification Technology</i> , 2022, 292, 120960.	7.9	7
21	Hunting with Lead Ammunition: A One Health Perspective. , 2022, , 439-468.		5
22	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring. <i>Science of the Total Environment</i> , 2022, 839, 155803.	8.0	15
23	Sustainable management of municipal solid waste through waste-to-energy technologies. <i>Bioresource Technology</i> , 2022, 355, 127247.	9.6	60
24	Validation of quantitative fatty acid signature analysis for estimating the diet composition of free-ranging killer whales. <i>Scientific Reports</i> , 2022, 12, 7938.	3.3	4
25	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> , 2022, 838, 156039.	8.0	16
26	An assessment of mercury and its dietary drivers in fur of Arctic wolves from Greenland and High Arctic Canada. <i>Science of the Total Environment</i> , 2022, 838, 156171.	8.0	5
27	Glacial ice supports a distinct and undocumented polar bear subpopulation persisting in late 21st-century sea-ice conditions. <i>Science</i> , 2022, 376, 1333-1338.	12.6	18
28	The nexus between biofuels and pesticides in agroforestry: Pathways toward United Nations sustainable development goals. <i>Environmental Research</i> , 2022, 214, 113751.	7.5	14
29	Deposition-mediated phytoremediation of nitrogen oxide emissions. <i>Environmental Pollution</i> , 2022, 308, 119706.	7.5	2
30	Special issue on the AMAP 2021 assessment of mercury in the Arctic. <i>Science of the Total Environment</i> , 2022, 843, 157020.	8.0	5
31	A schematic sampling protocol for contaminant monitoring in raptors. <i>Ambio</i> , 2021, 50, 95-100.	5.5	28
32	Emerging nanobiotechnology in agriculture for the management of pesticide residues. <i>Journal of Hazardous Materials</i> , 2021, 401, 123369.	12.4	90
33	A review on phytoremediation of contaminants in air, water and soil. <i>Journal of Hazardous Materials</i> , 2021, 403, 123658.	12.4	192
34	Progress in microwave pyrolysis conversion of agricultural waste to value-added biofuels: A batch to continuous approach. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 135, 110148.	16.4	206
35	A review on the deteriorating situation of smog and its preventive measures in Pakistan. <i>Journal of Cleaner Production</i> , 2021, 279, 123676.	9.3	37
36	Mitigation of indoor air pollution: A review of recent advances in adsorption materials and catalytic oxidation. <i>Journal of Hazardous Materials</i> , 2021, 405, 124138.	12.4	128

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37	A chronicle of SARS-CoV-2: Seasonality, environmental fate, transport, inactivation, and antiviral drug resistance. <i>Journal of Hazardous Materials</i> , 2021, 405, 124043.	12.4	76
38	Progress in waste valorization using advanced pyrolysis techniques for hydrogen and gaseous fuel production. <i>Bioresource Technology</i> , 2021, 320, 124299.	9.6	104
39	Hydrogen production and heavy metal immobilization using hyperaccumulators in supercritical water gasification. <i>Journal of Hazardous Materials</i> , 2021, 402, 123541.	12.4	53
40	Recent advances in asphaltene transformation in heavy oil hydroprocessing: Progress, challenges, and future perspectives. <i>Fuel Processing Technology</i> , 2021, 213, 106681.	7.2	35
41	Phytoremediation of radionuclides in soil, sediments and water. <i>Journal of Hazardous Materials</i> , 2021, 407, 124771.	12.4	53
42	Recycling of aquaculture wastewater and sediment for sustainable corn and water spinach production. <i>Chemosphere</i> , 2021, 268, 129329.	8.2	16
43	A risk assessment of the effects of mercury on Baltic Sea, Greater North Sea and North Atlantic wildlife, fish and bivalves. <i>Environment International</i> , 2021, 146, 106178.	10.0	25
44	Covid-19 pandemic in the lens of food safety and security. <i>Environmental Research</i> , 2021, 193, 110405.	7.5	56
45	Homology Modeling and Probable Active Site Cavity Prediction of Uncharacterized Arsenate Reductase in Bacterial spp.. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 1-18.	2.9	12
46	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> , 2021, 677, 233-244.	1.9	6
47	The Baltic Sea: An ecosystem with multiple stressors. <i>Environment International</i> , 2021, 147, 106324.	10.0	12
48	Seize China's momentum to protect pangolins. <i>Science</i> , 2021, 371, 1214-1214.	12.6	4
49	Enzymatic conversion of pretreated lignocellulosic biomass: A review on influence of structural changes of lignin. <i>Bioresource Technology</i> , 2021, 324, 124631.	9.6	109
50	Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. <i>Environmental Science &amp; Technology</i> , 2021, 55, 4923-4931.	10.0	21
51	Emerging contaminants and biological effects in Arctic wildlife. <i>Trends in Ecology and Evolution</i> , 2021, 36, 421-429.	8.7	23
52	Analysis of narwhal tusks reveals lifelong feeding ecology and mercury exposure. <i>Current Biology</i> , 2021, 31, 2012-2019.e2.	3.9	18
53	Locust epidemic in Africa raises environmental concerns. <i>Chemosphere</i> , 2021, 270, 129454.	8.2	1
54	Mercury and neurochemical biomarkers in multiple brain regions of five Arctic marine mammals. <i>NeuroToxicology</i> , 2021, 84, 136-145.	3.0	9

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55	A review of dietary phytochemicals and their relation to oxidative stress and human diseases. <i>Chemosphere</i> , 2021, 271, 129499.	8.2	69
56	Histopathological effects of short-term aqueous exposure to environmentally relevant concentration of lead (Pb) in shorthorn sculpin ( <i>Myoxocephalus scorpius</i> ) under laboratory conditions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61423-61440.	5.3	11
57	Mercury exposure and risk assessment for Eurasian otters ( <i>Lutra lutra</i> ) in Denmark. <i>Chemosphere</i> , 2021, 272, 129608.	8.2	8
58	European eel population at risk of collapse. <i>Science</i> , 2021, 372, 1271-1271.	12.6	3
59	An Overview on the Conversion of Forest Biomass into Bioenergy. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	27
60	A case report of biochemistry and serum amyloid A in a moribund free-ranging Baltic herring gull ( <i>Larus argentatus</i> ) with necrotic wing fracture. <i>German Journal of Veterinary Research</i> , 2021, 1, 56-60.	1.2	0
61	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> , 2021, 776, 146003.	8.0	3
62	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> , 2021, 413, 125426.	12.4	24
63	Mexico's final death blow to the vaquita. <i>Science</i> , 2021, 373, 863-864.	12.6	4
64	Splenic and renal melanomacrophage centers in shorthorn sculpins ( <i>Myoxocephalus scorpius</i> ) in Nuuk harbor, West Greenland. <i>Polar Biology</i> , 2021, 44, 2011-2021.	1.2	3
65	Antidrug resistance in the Indian ambient waters of Ahmedabad during the COVID-19 pandemic. <i>Journal of Hazardous Materials</i> , 2021, 416, 126125.	12.4	28
66	Using nucleophilic naphthol derivatives to suppress biomass lignin repolymerization in fermentable sugar production. <i>Chemical Engineering Journal</i> , 2021, 420, 130258.	12.7	35
67	Valorization of municipal wastes using co-pyrolysis for green energy production, energy security, and environmental sustainability: A review. <i>Chemical Engineering Journal</i> , 2021, 421, 129749.	12.7	90
68	Progress in microbial biomass conversion into green energy. <i>Chemosphere</i> , 2021, 281, 130835.	8.2	15
69	Omics technologies used in pesticide residue detection and mitigation in crop. <i>Journal of Hazardous Materials</i> , 2021, 420, 126624.	12.4	19
70	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> , 2021, 245, 114638.	9.2	37
71	Environmental and life-history factors influence inter-colony multidimensional niche metrics of a breeding Arctic marine bird. <i>Science of the Total Environment</i> , 2021, 796, 148935.	8.0	4
72	Progress in the torrefaction technology for upgrading oil palm wastes to energy-dense biochar: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 151, 111645.	16.4	55

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73	Ultrastructural change in lignocellulosic biomass during hydrothermal pretreatment. <i>Bioresource Technology</i> , 2021, 341, 125807.	9.6	54
74	Production of modified biochar to treat landfill leachate using integrated microwave pyrolytic CO <sub>2</sub> activation. <i>Chemical Engineering Journal</i> , 2021, 425, 131886.	12.7	27
75	Sources, distribution and effects of rare earth elements in the marine environment: Current knowledge and research gaps. <i>Environmental Pollution</i> , 2021, 291, 118230.	7.5	40
76	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> , 2021, 152, 111699.	16.4	29
77	Nanomaterial-based aptasensors as an efficient substitute for cardiovascular disease diagnosis: Future of smart biosensors. <i>Biosensors and Bioelectronics</i> , 2021, 193, 113617.	10.1	25
78	TEMPO-oxidized cellulose nanofibers/polyacrylamide hybrid hydrogel with intrinsic self-recovery and shape memory properties. <i>Cellulose</i> , 2021, 28, 1469-1488.	4.9	65
79	Air Pollution and Its Association with the Greenland Ice Sheet Melt. <i>Sustainability</i> , 2021, 13, 65.	3.2	1
80	Progress, prospects, and challenges in standardization of sampling and analysis of micro- and nano-plastics in the environment. <i>Journal of Cleaner Production</i> , 2021, 325, 129321.	9.3	20
81	Perspectives on phytoremediation of zinc pollution in air, water and soil. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 24, 100550.	3.3	8
82	Science-informed salmon conservation strategies. <i>Science</i> , 2021, 374, 700-700.	12.6	1
83	Changes in blood biochemistry of incubating Baltic Common Eiders ( <i>Somateria mollissima</i> ). <i>Journal of Ornithology</i> , 2020, 161, 25-33.	1.1	4
84	The ongoing cut-down of the Amazon rainforest threatens the climate and requires global tree planting projects: A short review. <i>Environmental Research</i> , 2020, 181, 108887.	7.5	18
85	Factors affecting global flow of scientific knowledge in environmental sciences. <i>Science of the Total Environment</i> , 2020, 701, 135012.	8.0	8
86	Response to comments on "Factors affecting global flow of scientific knowledge in environmental sciences" by Pourret et al.. <i>Science of the Total Environment</i> , 2020, 721, 136528.	8.0	0
87	High-pressure CO <sub>2</sub> hydrothermal pretreatment of peanut shells for enzymatic hydrolysis conversion into glucose. <i>Chemical Engineering Journal</i> , 2020, 385, 123949.	12.7	60
88	Migratory and diurnal activity of North Atlantic killer whales ( <i>Orcinus orca</i> ) off northern Norway. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 533, 151456.	1.5	12
89	Stranded cetaceans warn of high perfluoroalkyl substance pollution in the western Mediterranean Sea. <i>Environmental Pollution</i> , 2020, 267, 115367.	7.5	16
90	Core-shell structured molecularly imprinted materials for sensing applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116043.	11.4	60

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91	A review of historical and recent locust outbreaks: Links to global warming, food security and mitigation strategies. <i>Environmental Research</i> , 2020, 191, 110046.	7.5	83
92	A review on production of lignin-based micrococulants: Sustainable feedstock and low carbon footprint applications. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110384.	16.4	46
93	Health assessment of harbour porpoises ( <i>PHOCOENA PHOCOENA</i> ) from Baltic area of Denmark, Germany, Poland and Latvia. <i>Environment International</i> , 2020, 143, 105904.	10.0	24
94	Body mass, mercury exposure, biochemistry and untargeted metabolomics of incubating common eiders ( <i>Somateria mollissima</i> ) in three Baltic colonies. <i>Environment International</i> , 2020, 142, 105866.	10.0	13
95	Haematology and clinical blood chemistry in harbour porpoises ( <i>Phocoena phocoena</i> ) from the inner Danish waters. <i>Environment International</i> , 2020, 143, 105937.	10.0	6
96	Circulating trace elements: Comparison between early and late incubation in common eiders ( <i>Somateria mollissima</i> ) in the central Baltic Sea. <i>Environmental Research</i> , 2020, 191, 110120.	7.5	0
97	Climate-associated drivers of plasma cytokines and contaminant concentrations in Beaufort Sea polar bears ( <i>Ursus maritimus</i> ). <i>Science of the Total Environment</i> , 2020, 745, 140978.	8.0	7
98	Environmental management of two of the world's most endangered marine and terrestrial predators: Vaquita and cheetah. <i>Environmental Research</i> , 2020, 190, 109966.	7.5	1
99	Variation in skull bone mineral density of ringed seals ( <i>Phoca hispida</i> ) from the Gulf of Bothnia and West Greenland between 1829 and 2019. <i>Environment International</i> , 2020, 143, 105968.	10.0	5
100	Ban unsustainable mink production. <i>Science</i> , 2020, 370, 539-539.	12.6	15
101	In Silico Analysis of the Antigenic Properties of Iron-Regulated Proteins against <i>Neisseria meningitidis</i> . <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6113.	2.5	1
102	COVID-19: Resource recovery from plastic waste against plastic pollution. <i>Cogent Environmental Science</i> , 2020, 6, .	1.6	14
103	South Korea's big move to hydrogen society. <i>Cogent Environmental Science</i> , 2020, 6, .	1.6	3
104	One Health or Planetary Health for pandemic prevention?. <i>Lancet, The</i> , 2020, 396, 1882.	13.7	15
105	Organohalogen compounds of emerging concern in Baltic Sea biota: Levels, biomagnification potential and comparisons with legacy contaminants. <i>Environment International</i> , 2020, 144, 106037.	10.0	57
106	Life cycle bioenergetics of the gray seal ( <i>Halichoerus grypus</i> ) in the Baltic Sea: Population response to environmental stress. <i>Environment International</i> , 2020, 145, 106145.	10.0	16
107	A recent global review of hazardous chlorpyrifos pesticide in fruit and vegetables: Prevalence, remediation and actions needed. <i>Journal of Hazardous Materials</i> , 2020, 400, 123006.	12.4	150
108	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> , 2020, 54, 7388-7397.	10.0	18

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109	Sumatran rhinoceros on the brink of extinction. <i>Science</i> , 2020, 368, 958-958.	12.6	1
110	Using low carbon footprint high-pressure carbon dioxide in bioconversion of aspen branch waste for sustainable bioethanol production. <i>Bioresource Technology</i> , 2020, 313, 123675.	9.6	13
111	A review on valorization of oyster mushroom and waste generated in the mushroom cultivation industry. <i>Journal of Hazardous Materials</i> , 2020, 400, 123156.	12.4	75
112	Lead isotopic signatures in blood from incubating common eiders ( <i>Somateria mollissima</i> ) in the central Baltic Sea. <i>Environment International</i> , 2020, 142, 105874.	10.0	5
113	Development of formaldehyde-free bio-board produced from mushroom mycelium and substrate waste. <i>Journal of Hazardous Materials</i> , 2020, 400, 123296.	12.4	45
114	Processed Bamboo as a Novel Formaldehyde-Free High-Performance Furniture Biocomposite. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 30824-30832.	8.0	74
115	Fluorine Mass Balance and Suspect Screening in Marine Mammals from the Northern Hemisphere. <i>Environmental Science &amp; Technology</i> , 2020, 54, 4046-4058.	10.0	73
116	Temporal trends of legacy organochlorines in different white-tailed eagle ( <i>Haliaeetus albicilla</i> ) subpopulations: A retrospective investigation using archived feathers. <i>Environment International</i> , 2020, 138, 105618.	10.0	26
117	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> , 2020, 100, 334-344.	3.6	20
118	Soil and geologic formations as antidotes for CO <sub>2</sub> sequestration?. <i>Soil Use and Management</i> , 2020, 36, 355-357.	4.9	9
119	Bioaccumulation potential of bisphenols and benzophenone UV filters: A multiresidue approach in raptor tissues. <i>Science of the Total Environment</i> , 2020, 741, 140330.	8.0	20
120	Deforestation of rainforests requires active use of UN's Sustainable Development Goals. <i>Science of the Total Environment</i> , 2020, 742, 140681.	8.0	14
121	Arctic-adapted dogs emerged at the Pleistocene–Holocene transition. <i>Science</i> , 2020, 368, 1495-1499.	12.6	60
122	COVID-19's unsustainable waste management. <i>Science</i> , 2020, 368, 1438-1438.	12.6	129
123	Seroprevalence of avian influenza in Baltic common eiders ( <i>Somateria mollissima</i> ) and pink-footed geese ( <i>Anser brachyrhynchus</i> ). <i>Environment International</i> , 2020, 142, 105873.	10.0	4
124	Potential Emergence of Antiviral-Resistant Pandemic Viruses via Environmental Drug Exposure of Animal Reservoirs. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8503-8505.	10.0	72
125	High capacity oil absorbent wood prepared through eco-friendly deep eutectic solvent delignification. <i>Chemical Engineering Journal</i> , 2020, 401, 126150.	12.7	93
126	Lead concentrations in blood from incubating common eiders ( <i>Somateria mollissima</i> ) in the Baltic Sea. <i>Environment International</i> , 2020, 137, 105582.	10.0	7



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127	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> , 2020, 570, 99-108.	9.4	8
128	A review of pathogens in selected Baltic Sea indicator species. <i>Environment International</i> , 2020, 137, 105565.	10.0	24
129	Development and evaluation of zinc oxide-blended kenaf fiber biocomposite for automotive applications. <i>Materials Today Communications</i> , 2020, 24, 101008.	1.9	27
130	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> , 2020, 183, 109194.	7.5	24
131	Valorization of biomass waste to engineered activated biochar by microwave pyrolysis: Progress, challenges, and future directions. <i>Chemical Engineering Journal</i> , 2020, 389, 124401.	12.7	484
132	Wildfire puts koalas at risk of extinction. <i>Science</i> , 2020, 367, 750-750.	12.6	7
133	Support Austria's glyphosate ban. <i>Science</i> , 2020, 367, 257-258.	12.6	23
134	Be cautious applying carbon-fluorine bonds in drug delivery. <i>Chemosphere</i> , 2020, 248, 125971.	8.2	0
135	Simultaneous removal of toxic ammonia and lettuce cultivation in aquaponic system using microwave pyrolysis biochar. <i>Journal of Hazardous Materials</i> , 2020, 396, 122610.	12.4	81
136	A review on mobile phones as bacterial reservoirs in healthcare environments and potential device decontamination approaches. <i>Environmental Research</i> , 2020, 186, 109569.	7.5	24
137	Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. <i>Environment International</i> , 2020, 139, 105725.	10.0	67
138	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> , 2020, 127, 109871.	16.4	140
139	Engineered biochar via microwave CO <sub>2</sub> and steam pyrolysis to treat carcinogenic Congo red dye. <i>Journal of Hazardous Materials</i> , 2020, 395, 122636.	12.4	142
140	Sled Dogs as Sentinel Species for Monitoring Arctic Ecosystem Health. , 2020, , 21-45.		2
141	Applying microwave vacuum pyrolysis to design moisture retention and pH neutralizing palm kernel shell biochar for mushroom production. <i>Bioresource Technology</i> , 2020, 312, 123572.	9.6	48
142	First predatory journals, now conferences: The need to establish lists of fake conferences. <i>Science of the Total Environment</i> , 2020, 715, 136990.	8.0	11
143	Denmark recycling plan will cut waste by two-thirds. <i>Nature</i> , 2020, 584, 192-192.	27.8	9
144	Liver histopathology of Baltic grey seals ( <i>Halichoerus grypus</i> ) over three decades. <i>Environment International</i> , 2020, 145, 106110.	10.0	0

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145	Polar Bear ( <i>Ursus maritimus</i> ), 2020, , 196-212.		0
146	Lead and Other Trace Elements in Danish Birds of Prey. Archives of Environmental Contamination and Toxicology, 2019, 77, 359-367.	4.1	14
147	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?. Environmental Research, 2019, 177, 108602.	7.5	8
148	The influence of natural variation and organohalogenated contaminants on physiological parameters in white-tailed eagle ( <i>Haliaeetus albicilla</i> ) nestlings from Norway. Environmental Research, 2019, 177, 108586.	7.5	6
149	Bioaccumulation of rare earth elements in juvenile arctic char ( <i>Salvelinus alpinus</i> ) under field experimental conditions. Science of the Total Environment, 2019, 688, 529-535.	8.0	9
150	Trade war threatens sustainability. Science, 2019, 364, 1242-1243.	12.6	4
151	Response to L. Witting: PCBs still a major risk for global killer whale populations. Marine Mammal Science, 2019, 35, 1201-1206.	1.8	4
152	White-Tailed Eagle ( <i>Haliaeetus albicilla</i> ) Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. Environmental Science & Technology, 2019, 53, 12744-12753.	10.0	45
153	Using citizen science to speed up plastic collection and mapping of urban noise: Lessons learned from Denmark. Marine Pollution Bulletin, 2019, 149, 110591.	5.0	6
154	Thousands of Danish children find ten new bacteria species. Nature, 2019, 567, 31-31.	27.8	3
155	New funds needed to cover open-access costs. Nature, 2019, 575, 51-51.	27.8	3
156	Aviation, melting sea-ice and polar bears. Environment International, 2019, 133, 105279.	10.0	4
157	Pig slurry needs modifications to be a sustainable fertilizer in crop production. Environmental Research, 2019, 178, 108718.	7.5	5
158	Plasma protein fractions in free-living white-tailed eagle ( <i>Haliaeetus albicilla</i> ) nestlings from Norway. BMC Veterinary Research, 2019, 15, 290.	1.9	10
159	Florida lagoon at risk of ecosystem collapse. Science, 2019, 365, 991-992.	12.6	21
160	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. Science of the Total Environment, 2019, 696, 133792.	8.0	184
161	Environmental contaminants modulate the transcriptional activity of polar bear ( <i>Ursus maritimus</i> ) and human peroxisome proliferator-activated receptor alpha (PPARA). Scientific Reports, 2019, 9, 6918.	3.3	16
162	Temporal trends of mercury differ across three northern white-tailed eagle ( <i>Haliaeetus albicilla</i> ) subpopulations. Science of the Total Environment, 2019, 687, 77-86.	8.0	17

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164	Cold case reopened: finding clues to recurrent mass mortalities in Greenland sled dogs ( <i>Canis lupus</i> ). <i>Environmental Research</i> , 2019, 175, 376-383.	7.5	10
165	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> , 2019, 683, 559-567.	8.0	11
166	Human exposure to PFOS and mercury through meat from baltic harbour seals ( <i>Phoca vitulina</i> ). <i>Environmental Research</i> , 2019, 175, 376-383.	7.5	10
167	Progress on bringing together raptor collections in Europe for contaminant research and monitoring in relation to chemicals regulation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20132-20136.	5.3	30
168	Nunavut's ill-advised hunting proposal. <i>Science</i> , 2019, 364, 539-539.	12.6	1
169	Japans commercial whaling is a threat to public health. <i>Science of the Total Environment</i> , 2019, 680, 10-12.	8.0	0
170	Mucous cell responses to contaminants and parasites in shorthorn sculpins ( <i>Myoxocephalus</i> ). <i>Environmental Research</i> , 2019, 175, 207-216.	8.0	13
171	Denmark defies EU neonicotinoid ban. <i>Science</i> , 2019, 363, 938-938.	12.6	5
172	Accumulation of Short-, Medium-, and Long-Chain Chlorinated Paraffins in Marine and Terrestrial Animals from Scandinavia. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3526-3537.	10.0	77
173	Killer whales call for further protection. <i>Environment International</i> , 2019, 126, 443-444.	10.0	2
174	Age and seasonal variation in testis and baculum morphology in East Greenland polar bears ( <i>Ursus</i> ). <i>Environmental Research</i> , 2019, 173, 246-254.	7.5	7
175	Discussion: Early life and lessons learned from mass extinctions. <i>Environmental Research</i> , 2019, 172, 444-445.	7.5	0
176	Discussion: Illegal kills of protected wolves call for public reasoning. <i>Science of the Total Environment</i> , 2019, 665, 617-619.	8.0	7
177	Characterisation and 3D structure of melanomacrophage centers in shorthorn sculpins ( <i>Myoxocephalus scorpius</i> ). <i>Tissue and Cell</i> , 2019, 57, 34-41.	2.2	21
178	State of knowledge on current exposure, fate and potential health effects of contaminants in polar bears from the circumpolar Arctic. <i>Science of the Total Environment</i> , 2019, 664, 1063-1083.	8.0	106
179	3Rs as part of preclinical neuropsychiatric translational crisis, and ARRIVE guidelines as part of solution. <i>Acta Neuropsychiatrica</i> , 2019, 31, 348-349.	2.1	3
180	Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191929.	2.6	38

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182	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. <i>Science of the Total Environment</i> , 2019, 649, 99-110.	8.0	150
183	Trichodinid infections in internal organs of shorthorn sculpin ( <i>Myoxocephalus scorpius</i> ) collected around an industrial harbour in Nuuk, Greenland. <i>Parasitology</i> , 2019, 146, 506-510.	1.5	3
184	Variation in non-metrical skull traits of polar bears ( <i>Ursus maritimus</i> ) and relationships across East Greenland and adjacent subpopulations (1830â€“2013). <i>Polar Biology</i> , 2019, 42, 461-474.	1.2	3
185	Mandibular shape in farmed Arctic foxes ( <i>Vulpes lagopus</i> ) exposed to persistent organic pollutants. <i>Science of the Total Environment</i> , 2019, 646, 1063-1068.	8.0	5
186	Discussion: Peer-review under siege. <i>Science of the Total Environment</i> , 2019, 651, 1180-1181.	8.0	6
187	Pathology and Plasma Biochemistry of Common Eider ( <i>Somateria mollissima</i> ) Males Wintering in the Danish Part of the Western Baltic. , 2019, 33, 302.		4
188	A gloomy future for light-bellied brent geese in TusenÃ¥yane, Svalbard, under a changing predator regime. <i>Polar Research</i> , 2019, 38, .	1.6	4
189	Structure-Dependent <i>in Vitro</i> Metabolism of Alkyl-Substituted Analogues of Triphenyl Phosphate in East Greenland Polar Bears and Ringed Seals. <i>Environmental Science and Technology Letters</i> , 2018, 5, 214-219.	8.7	20
190	Persistent organic pollutants and penile bone mineral density in East Greenland and Canadian polar bears ( <i>Ursus maritimus</i> ) during 1996â€“2015. <i>Environment International</i> , 2018, 114, 212-218.	10.0	12
191	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> , 2018, 198, 14-18.	1.2	8
192	Environmental contaminant mixtures modulate <i>in vitro</i> influenza infection. <i>Science of the Total Environment</i> , 2018, 634, 20-28.	8.0	7
193	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> , 2018, 81, 202-211.	2.3	6
194	Morphometric, molecular and histopathologic description of hepatic infection by <i>Orthosplanchnus arcticus</i> (Trematoda: Digenea: Brachycladiidae) in ringed seals ( <i>Pusa hispida</i> ) from Northwest Greenland. <i>Polar Biology</i> , 2018, 41, 1019-1025.	1.2	2
195	Immune function in arctic mammals: Natural killer (NK) cell-like activity in polar bear, muskox and reindeer. <i>Veterinary Immunology and Immunopathology</i> , 2018, 195, 72-75.	1.2	3
196	Persistent organic pollutants, skull size and bone density of polar bears ( <i>Ursus maritimus</i> ) from East Greenland 1892â€“2015 and Svalbard 1964â€“2004. <i>Environmental Research</i> , 2018, 162, 74-80.	7.5	17
197	Organophosphate esters in East Greenland polar bears and ringed seals: Adipose tissue concentrations and <i>in vitro</i> depletion and metabolite formation. <i>Chemosphere</i> , 2018, 196, 240-250.	8.2	43
198	Prevalence of antibodies against <i>Brucella</i> spp. in West Greenland polar bears ( <i>Ursus maritimus</i> ) and East Greenland muskoxen ( <i>Ovibos moschatus</i> ). <i>Polar Biology</i> , 2018, 41, 1671-1680.	1.2	2

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199	Prevalence of skull pathologies in European harbor seals ( <i>Phoca vitulina</i> ) during 1981–2014. <i>Mammal Research</i> , 2018, 63, 55-63.	1.3	5
200	On the integration of ecological and physiological variables in polar bear toxicology research: a systematic review. <i>Environmental Reviews</i> , 2018, 26, 1-12.	4.5	50
201	Common Eider ( <i>Somateria Mollissima</i> ) Body Condition and Parasitic Load during a Mortality Event in the Baltic Proper. <i>Avian Biology Research</i> , 2018, 11, 167-172.	0.9	21
202	Histology of Sculpin spp. in East Greenland. II. Histopathology and trace element concentrations. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 769-784.	1.2	3
203	Histology of Sculpin spp. in east Greenland. I. Histological measures. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 607-628.	1.2	3
204	Population genomics of grey wolves and wolf-like canids in North America. <i>PLoS Genetics</i> , 2018, 14, e1007745.	3.5	54
205	Predicting global killer whale population collapse from PCB pollution. <i>Science</i> , 2018, 361, 1373-1376.	12.6	252
206	Polar bear health in environmental science and translational medicine. <i>Environment International</i> , 2018, 121, 296.	10.0	0
207	Pollution threatens toothed whales. <i>Science</i> , 2018, 361, 1208-1208.	12.6	26
208	A Comparative Study on the Faecal Bacterial Community and Potential Zoonotic Bacteria of Muskoxen ( <i>Ovibos moschatus</i> ) in Northeast Greenland, Northwest Greenland and Norway. <i>Microorganisms</i> , 2018, 6, 76.	3.6	10
209	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> , 2018, 165, 306-316.	7.5	18
210	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> , 2018, 165, 387-399.	7.5	5
211	Immunotoxic Effects of Environmental Pollutants in Marine Mammals. , 2018, , 321-343.		3
212	Stress management versus cognitive restructuring in trauma-affected refugees – A pragmatic randomised study. <i>Psychiatry Research</i> , 2018, 266, 116-123.	3.3	31
213	Greenland sled dogs at risk of extinction. <i>Science</i> , 2018, 360, 1080-1080.	12.6	8
214	Immunologic, reproductive, and carcinogenic risk assessment from POP exposure in East Greenland polar bears ( <i>Ursus maritimus</i> ) during 1983–2013. <i>Environment International</i> , 2018, 118, 169-178.	10.0	79
215	One wolf shot in Denmark is too many. <i>Nature</i> , 2018, 558, 519-519.	27.8	2
216	Protect Denmark’s groundwater from pesticides. <i>Nature</i> , 2018, 562, 192-192.	27.8	5

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217	Candling and Field Atlas of Early Egg Development in Common Eiders ( <i>Somateria Mollissima</i> ) in the Central Baltic. <i>Acrocephalus</i> , 2018, 39, 85-90.	0.4	6
218	Incubation Behaviour of Common Eiders ( <i>Somateria Mollissima</i> ) in the Central Baltic: Nest Attendance and Loss in Body Mass. <i>Acrocephalus</i> , 2018, 39, 91-100.	0.4	8
219	Feeding habits of a new Arctic predator: insight from full-depth blubber fatty acid signatures of Greenland, Faroe Islands, Denmark, and managed-care killer whales <i>Orcinus orca</i> . <i>Marine Ecology - Progress Series</i> , 2018, 603, 1-12.	1.9	21
220	Steroid hormones in multiple tissues of East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Polar Biology</i> , 2017, 40, 37-49.	1.2	6
221	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> , 2017, 154, 284-290.	7.5	11
222	Blood clinical-chemical parameters and feeding history in growing Japanese quail ( <i>Coturnix</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54. ovo. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 938-952.	1.2	3
223	Blubber-depth distribution and bioaccumulation of PCBs and organochlorine pesticides in Arctic-invading killer whales. <i>Science of the Total Environment</i> , 2017, 601-602, 237-246.	8.0	48
224	A rapid analytical method to quantify complex organohalogen contaminant mixtures in large samples of high lipid mammalian tissues. <i>Chemosphere</i> , 2017, 176, 243-248.	8.2	11
225	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> , 2017, 51, 4673-4680.	10.0	18
226	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> , 2017, 153, 171-180.	7.5	17
227	Effects of Polar Bear and Killer Whale Derived Contaminant Cocktails on Marine Mammal Immunity. <i>Environmental Science &amp; Technology</i> , 2017, 51, 11431-11439.	10.0	56
228	Using energy budgets to combine ecology and toxicology in a mammalian sentinel species. <i>Scientific Reports</i> , 2017, 7, 46267.	3.3	16
229	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> , 2017, 80, 525-531.	2.3	6
230	Anti-parasite treatment and blood biochemistry in raptor nestlings. <i>Canadian Journal of Zoology</i> , 2017, 95, 685-693.	1.0	0
231	Endosulfan, Short-Chain Chlorinated Paraffins (SCCPs) and Octachlorostyrene in Wildlife from Greenland: Levels, Trends and Methodological Challenges. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 542-551.	4.1	21
232	A veterinary perspective on One Health in the Arctic. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 84.	1.6	23
233	The Danish Polar Bear Skull Collection 1830â€“2016. <i>Arctic</i> , 2017, 70, 334.	0.4	0
234	IPY BearHealth: Polar Bear ( <i>Ursus maritimus</i> ) Circumpolar Health Assessment in Relation to Persistent Pollutants and Climate Change. <i>From Pole To Pole</i> , 2016, , 203-227.	0.1	0

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236	Stress management versus cognitive restructuring: A randomized clinical study on traumatized refugees. <i>European Psychiatry</i> , 2016, 33, S399-S340.	0.2	3
237	Why is the last Thick-billed Murre <i>Uria lomvia</i> colony in central West Greenland heading for extinction?. <i>Bird Conservation International</i> , 2016, 26, 177-191.	1.3	6
238	A novel method for analysing key corticosteroids in polar bear ( <i>Ursus maritimus</i> ) hair using liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1017-1018, 45-51.	2.3	13
239	Per- and polyfluoroalkyl substances (PFASs) – New endocrine disruptors in polar bears ( <i>Ursus</i> )? <i>Environmental Pollution</i> , 2016, 214, 107-114.	10.0	34
240	Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals ( <i>Pusa hispida</i> ). <i>Environmental Research</i> , 2016, 151, 244-250.	7.5	21
241	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> , 2016, 39, 743-754.	1.2	7
242	Spatiotemporal variation in home range size of female polar bears and correlations with individual contaminant load. <i>Polar Biology</i> , 2016, 39, 1479-1489.	1.2	11
243	The treatment of traumatised refugees with sertraline versus venlafaxine in combination with psychotherapy – a randomised clinical study. <i>European Psychiatry</i> , 2016, 33, S400-S400.	0.2	1
244	Twenty years of monitoring of persistent organic pollutants in Greenland biota. A review. <i>Environmental Pollution</i> , 2016, 217, 114-123.	7.5	66
245	Observation of emerging per- and polyfluoroalkyl substances (PFASs) in Greenland marine mammals. <i>Chemosphere</i> , 2016, 144, 2384-2391.	8.2	174
246	Risk evaluation of the Arctic environmental POP exposure based on critical body residue and critical daily dose using captive Greenland sledge dogs ( <i>Canis familiaris</i> ) as surrogate species. <i>Environment International</i> , 2016, 88, 221-227.	10.0	12
247	Tracking pan-continental trends in environmental contamination – using sentinel raptors – what types of samples should we use?. <i>Ecotoxicology</i> , 2016, 25, 777-801.	2.4	149
248	Immunotoxic effects of environmental pollutants in marine mammals. <i>Environment International</i> , 2016, 86, 126-139.	10.0	292
249	Modeling Population-Level Consequences of Polychlorinated Biphenyl Exposure in East Greenland Polar Bears. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 143-154.	4.1	14
250	Otolith Chemistry of Common Sculpins ( <i>Myoxocephalus scorpius</i> ) in a Mining Polluted Greenlandic Fjord (Black Angel Lead-Zinc Mine, West Greenland). <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	21
251	Anthropogenic flank attack on polar bears: interacting consequences of climate warming and pollutant exposure. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	77
252	Thyroid hormones and deiodinase activities in plasma and tissues from East Greenland polar bears ( <i>Ursus maritimus</i> ) during winter season. <i>Polar Biology</i> , 2015, 38, 1285-1296.	1.2	3



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254	Brain region-specific perfluoroalkylated sulfonate (PFSA) and carboxylic acid (PFCA) accumulation and neurochemical biomarker Responses in east Greenland polar Bears ( <i>Ursus maritimus</i> ). <i>Environmental Research</i> , 2015, 138, 22-31.	7.5	78
255	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> , 2015, 514, 371-378.	8.0	37
256	Penile density and globally used chemicals in Canadian and Greenland polar bears. <i>Environmental Research</i> , 2015, 137, 287-291.	7.5	34
257	Physiologically-based pharmacokinetic modelling of distribution, bioaccumulation and excretion of POPs in Greenland sledge dogs ( <i>Canis familiaris</i> ). <i>Environmental Research</i> , 2015, 142, 380-386.	7.5	9
258	Mercury and cortisol in Western Hudson Bay polar bear hair. <i>Ecotoxicology</i> , 2015, 24, 1315-1321.	2.4	37
259	Physiologically-based pharmacokinetic modelling of immune, reproductive and carcinogenic effects from contaminant exposure in polar bears ( <i>Ursus maritimus</i> ) across the Arctic. <i>Environmental Research</i> , 2015, 140, 45-55.	7.5	77
260	Thyroid hormones and deiodinase activity in plasma and tissues in relation to high levels of organohalogen contaminants in East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Research</i> , 2015, 136, 413-423.	7.5	40
261	Novel brominated flame retardants and dechlorane plus in Greenland air and biota. <i>Environmental Pollution</i> , 2015, 196, 284-291.	7.5	107
262	Accumulation and potential health effects of organohalogenated compounds in the arctic fox ( <i>Vulpes lagopus</i> ) – a review. <i>Science of the Total Environment</i> , 2015, 502, 510-516.	8.0	18
263	<i>Ursidibacter maritimus</i> gen. nov., sp. nov. and <i>Ursidibacter arcticus</i> sp. nov., two new members of the family Pasteurellaceae isolated from the oral cavity of bears. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3683-3689.	1.7	18
264	Quantitative relationships in delphinid neocortex. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 132.	1.7	46
265	Validation of adipose lipid content as a body condition index for polar bears. <i>Ecology and Evolution</i> , 2014, 4, 516-527.	1.9	35
266	Steroid hormones in blood plasma from Greenland sledge dogs ( <i>Canis familiaris</i> ) dietary exposed to organohalogen polluted minke whale ( <i>Balaenoptera acuterostrata</i> ) blubber. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 273-286.	1.2	23
267	A simple method to reduce the risk of cadmium exposure from consumption of Iceland scallops ( <i>Chlamys islandica</i> ) fished in Greenland. <i>Environment International</i> , 2014, 69, 100-103.	10.0	12
268	Population Genomics Reveal Recent Speciation and Rapid Evolutionary Adaptation in Polar Bears. <i>Cell</i> , 2014, 157, 785-794.	28.9	363
269	Evaluation of the use of common sculpin ( <i>Myoxocephalus scorpius</i> ) organ histology as bioindicator for element exposure in the fjord of the mining area Maarmorilik, West Greenland. <i>Environmental Research</i> , 2014, 133, 304-311.	7.5	32
270	Physiologically based pharmacokinetic modeling of POPs in Greenlanders. <i>Environment International</i> , 2014, 64, 91-97.	10.0	16



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271	Altered vitamin D status in liver tissue and blood plasma from Greenland sledge dogs ( <i>Canis lupus arcticus</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 403-408.	6.0	13
272	An overview of existing raptor contaminant monitoring activities in Europe. <i>Environment International</i> , 2014, 67, 12-21.	10.0	140
273	Comparative hepatic in vitro depletion and metabolite formation of major perfluorooctane sulfonate precursors in arctic polar bear, beluga whale, and ringed seal. <i>Chemosphere</i> , 2014, 112, 225-231.	8.2	46
274	Field Metabolic Rate and PCB Adipose Tissue Deposition Efficiency in East Greenland Polar Bears Derived from Contaminant Monitoring Data. <i>PLoS ONE</i> , 2014, 9, e104037.	2.5	9
275	Size and density of East Greenland polar bear ( <i>Ursus maritimus</i> ) skulls: Valuable bio-indicators of environmental changes?. <i>Ecological Indicators</i> , 2013, 34, 290-295.	6.3	48
276	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. <i>Polar Biology</i> , 2013, 36, 1525-1529.	1.2	41
277	PFAS profiles in three North Sea top predators: metabolic differences among species?. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8013-8020.	5.3	69
278	Xenoestrogenic and dioxin-like activity in blood of East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Toxicology Letters</i> , 2013, 221, S116-S117.	0.8	0
279	Three decades (1983-2010) of contaminant trends in East Greenland polar bears ( <i>Ursus maritimus</i> ). Part 2: Brominated flame retardants. <i>Environment International</i> , 2013, 59, 494-500.	10.0	60
280	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, 485-493.	10.0	74
281	What are the toxicological effects of mercury in Arctic biota?. <i>Science of the Total Environment</i> , 2013, 443, 775-790.	8.0	287
282	Mercury and histopathology of the vulnerable goliath grouper, <i>Epinephelus itajara</i> , in U.S. waters: A multi-tissue approach. <i>Environmental Research</i> , 2013, 126, 254-263.	7.5	34
283	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> , 2013, 95, 853-859.	1.2	7
284	Global change effects on the long-term feeding ecology and contaminant exposures of Greenland polar bears. <i>Global Change Biology</i> , 2013, 19, 2360-2372.	9.5	147
285	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> , 2013, 92, 245-251.	6.0	20
286	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> , 2013, 175, 137-146.	7.5	43
287	Trends of perfluorochemicals in Greenland ringed seals and polar bears: Indications of shifts to decreasing trends. <i>Chemosphere</i> , 2013, 93, 1607-1614.	8.2	82
288	Xenoestrogenic and dioxin-like activity in blood of East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Chemosphere</i> , 2013, 92, 583-591.	8.2	16

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289	Ecological and spatial factors drive intra- and interspecific variation in exposure of subarctic predatory bird nestlings to persistent organic pollutants. <i>Environment International</i> , 2013, 57-58, 25-33.	10.0	28
290	Brain region distribution and patterns of bioaccumulative perfluoroalkyl carboxylates and sulfonates in East Greenland polar bears ( <i>Ursus maritimus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 713-722.	4.3	58
291	Antiparasite treatments reduce humoral immunity and impact oxidative status in raptor nestlings. <i>Ecology and Evolution</i> , 2013, 3, 5157-5166.	1.9	20
292	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> , 2013, 95, 172-186.	1.2	9
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300	Reply to Tillitt et al. 2012: Thiamine deficiency: A viable hypothesis for paralytic syndrome in Baltic birds. <i>Science of the Total Environment</i> , 2012, 433, 563-564.	8.0	2
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304	Temporal monitoring of liver and kidney lesions in contaminated East Greenland polar bears ( <i>Ursus</i> )	10.0	16
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312	Alterations in thyroid hormone status in Greenland sledge dogs exposed to whale blubber contaminated with organohalogen compounds. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 157-163.	6.0	30
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319	Thyroid gland lesions in organohalogen contaminated East Greenland polar bears ( <i>Ursus</i> ) <i>Tj ETQq1 1 0.784314</i> <i>rgBT /Overlock 10</i>	1.2	18
320	Cortisol levels in hair of East Greenland polar bears. <i>Science of the Total Environment</i> , 2011, 409, 831-834.	8.0	86
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326	Spatial and temporal trends of selected trace elements in liver tissue from polar bears ( <i>Ursus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1507-1514.	2.1	28
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377	Time Trends of Mercury in Feathers of West Greenland Birds of Prey During 1851~2003. <i>Environmental Science &amp; Technology</i> , 2006, 40, 5911-5916.	10.0	52
378	Trends in Mercury in Hair of Greenlandic Polar Bears ( <i>Ursus maritimus</i> ) during 1892~2001. <i>Environmental Science &amp; Technology</i> , 2006, 40, 1120-1125.	10.0	90



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390	Is Bone Mineral Composition Disrupted by Organochlorines in East Greenland Polar Bears ( <i>Ursus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	6.0	103
391	Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear ( <i>Ursus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	8.0	111
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393	Cadmium toxicity to ringed seals ( <i>Phoca hispida</i> ): an epidemiological study of possible cadmium-induced nephropathy and osteodystrophy in ringed seals ( <i>Phoca hispida</i> ) from Qaanaaq in Northwest Greenland. <i>Science of the Total Environment</i> , 2002, 295, 167-181.	8.0	38