# Christian Sonne

List of Publications by Year
in descending order

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Version: 2024-02-01

| 393 | 16,061 | 13827 | 28224 |
| --- | --- | --- | --- |
| papers | citations | 67 h-index | 105 g-index |

| 401 | 401 | 401 | 11839 |
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| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Exposure and effects assessment of persistent organohalogen contaminants in arctic wildlife and fish. Science of the Total Environment, 2010, 408, 2995-3043. | 3.9 | 660 |
| 2 | Valorization of biomass waste to engineered activated biochar by microwave pyrolysis: Progress, challenges, and future directions. Chemical Engineering Journal, 2020, 389, 124401. | 6.6 | 484 |
| 3 | Population Genomics Reveal Recent Speciation and Rapid Evolutionary Adaptation in Polar Bears. Cell, 2014, 157, 785-794. | 13.5 | 363 |
| 4 | Immunotoxic effects of environmental pollutants in marine mammals. Environment International, 2016, 86, 126-139. | 4.8 | 292 |
| 5 | What are the toxicological effects of mercury in Arctic biota?. Science of the Total Environment, 2013, 443, 775-790. | 3.9 | 287 |
| 6 | Predicting global killer whale population collapse from PCB pollution. Science, 2018, 361, 1373-1376. | 6.0 | 252 |
| 7 | Health effects from long-range transported contaminants in Arctic top predators: An integrated review based on studies of polar bears and relevant model species. Environment International, 2010, 36, 461-491. | 4.8 | 237 |
| 8 | Progress in microwave pyrolysis conversion of agricultural waste to value-added biofuels: A batch to continuous approach. Renewable and Sustainable Energy Reviews, 2021, 135, 110148. | 8.2 | 206 |
| 9 | A review on phytoremediation of contaminants in air, water and soil. Journal of Hazardous Materials, 2021, 403, 123658. | 6.5 | 192 |
| 10 | Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. Science of the Total Environment, 2019, 696, 133792. | 3.9 | 184 |
| 11 | Preliminary screening of perfluorooctane sulfonate (PFOS) and other fluorochemicals in fish, birds and marine mammals from Greenland and the Faroe Islands. Environmental Pollution, 2005, 136, 323-329. | 3.7 | 176 |
| 12 | Observation of emerging per- and polyfluoroalkyl substances (PFASs) in Greenland marine mammals. Chemosphere, 2016, 144, 2384-2391. | 4.2 | 174 |
| 13 | Brominated Flame Retardants in Polar Bears (Ursus maritimus) from Alaska, the Canadian Arctic, East Greenland, and Svalbard. Environmental Science & Technology, 2006, 40, 449-455. | 4.6 | 172 |
| 14 | Circumpolar Study of Perfluoroalkyl Contaminants in Polar Bears (Ursus maritimus). Environmental Science & Technology, 2005, 39, 5517-5523. | 4.6 | 159 |
| 15 | Is dietary mercury of neurotoxicological concern to wild polar bears (Ursus maritimus)?. Environmental Toxicology and Chemistry, 2009, 28, 133-140. | 2.2 | 151 |
| 16 | Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. Science of the Total Environment, 2019, 649, 99-110. | 3.9 | 150 |
| 17 | A recent global review of hazardous chlorpyrifos pesticide in fruit and vegetables: Prevalence, remediation and actions needed. Journal of Hazardous Materials, 2020, 400, 123006. | 6.5 | 150 |
| 18 | Tissue-specific congener composition of organohalogen and metabolite contaminants in East Greenland polar bears (Ursus maritimus). Environmental Pollution, 2008, 152, 621-629. | 3.7 | 149 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Tracking pan-continental trends in environmental contaminationÂusing sentinel raptorsâ€"what types of samples should we use?. Ecotoxicology, 2016, 25, 777-801. | 1.1 | 149 |
| 20 | Global change effects on the longâ€term feeding ecology and contaminant exposures of <scp>E</scp>ast <scp>G</scp>reenland polar bears. Global Change Biology, 2013, 19, 2360-2372. | 4.2 | 147 |
| 21 | Engineered biochar via microwave CO2 and steam pyrolysis to treat carcinogenic Congo red dye. Journal of Hazardous Materials, 2020, 395, 122636. | 6.5 | 142 |
| 22 | An overview of existing raptor contaminant monitoring activities in Europe. Environment International, 2014, 67, 12-21. | 4.8 | 140 |
| 23 | Vacuum pyrolysis incorporating microwave heating and base mixture modification: An integrated approach to transform biowaste into eco-friendly bioenergy products. Renewable and Sustainable Energy Reviews, 2020, 127, 109871. | 8.2 | 140 |
| 24 | Increasing Perfluoroalkyl Contaminants in East Greenland Polar Bears (Ursus maritimus): A New Toxic Threat to the Arctic Bears. Environmental Science & Technology, 2008, 42, 2701-2707. | 4.6 | 131 |
| 25 | COVID-19's unsustainable waste management. Science, 2020, 368, 1438-1438. | 6.0 | 129 |
| 26 | Mitigation of indoor air pollution: A review of recent advances in adsorption materials and catalytic oxidation. Journal of Hazardous Materials, 2021, 405, 124138. | 6.5 | 128 |
| 27 | A review of ecological impacts of global climate change on persistent organic pollutant and mercury pathways and exposures in arctic marine ecosystems. Environmental Epigenetics, 2015, 61, 617-628. | 0.9 | 116 |
| 28 | Chlorinated hydrocarbon contaminants and metabolites in polar bears (Ursus maritimus) from Alaska, Canada, East Greenland, and Svalbard: 1996â˜2002. Science of the Total Environment, 2005, 351-352, 369-390. | 3.9 | 113 |
| 29 | Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear (Ursus) Tj ETQq1 1 0.784314 rgBT /Overlo | 3.9 | 111 |
| 30 | Bioaccumulation and biotransformation of brominated and chlorinated contaminants and their metabolites in ringed seals (Pusa hispida) and polar bears (Ursus maritimus) from East Greenland. Environment International, 2009, 35, 1118-1124. | 4.8 | 110 |
| 31 | Mercury-associated DNA hypomethylation in polar bear brains via the LUminometric Methylation Assay: a sensitive method to study epigenetics in wildlife. Molecular Ecology, 2010, 19, 307-314. | 2.0 | 110 |
| 32 | Perfluoroalkyl contaminants in liver tissue from East Greenland polar bears ( Ursus maritimus ). Environmental Toxicology and Chemistry, 2005, 24, 981-986. | 2.2 | 109 |
| 33 | Enzymatic conversion of pretreated lignocellulosic biomass: A review on influence of structural changes of lignin. Bioresource Technology, 2021, 324, 124631. | 4.8 | 109 |
| 34 | Xenoendocrine Pollutants May Reduce Size of Sexual Organs in East Greenland Polar Bears (Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 4.6 | 108 |
| 35 | Temporal trends of Hg in Arctic biota, an update. Science of the Total Environment, 2011, 409, 3520-3526. | 3.9 | 108 |
| 36 | Seasonal and temporal trends in polychlorinated biphenyls and organochlorine pesticides in East Greenland polar bears (Ursus maritimus), 1990â€"2001. Science of the Total Environment, 2004, 331, 107-124. | 3.9 | 107 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Novel brominated flame retardants and dechlorane plus in Greenland air and biota. Environmental Pollution, 2015, 196, 284-291. | 3.7 | 107 |
| 38 | State of knowledge on current exposure, fate and potential health effects of contaminants in polar bears from the circumpolar Arctic. Science of the Total Environment, 2019, 664, 1063-1083. | 3.9 | 106 |
| 39 | Progress in waste valorization using advanced pyrolysis techniques for hydrogen and gaseous fuel production. Bioresource Technology, 2021, 320, 124299. | 4.8 | 104 |
| 40 | Is Bone Mineral Composition Disrupted by Organochlorines in East Greenland Polar Bears (Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 | 2.8 | 103 |
| 41 | Flame retardants and legacy contaminants in polar bears from Alaska, Canada, East Greenland and Svalbard, 2005â€“2008. Environment International, 2011, 37, 365-374. | 4.8 | 102 |
| 42 | Target Tissue Selectivity and Burdens of Diverse Classes of Brominated and Chlorinated Contaminants in Polar Bears (Ursus maritimus) from East Greenland. Environmental Science & Technology, 2008, 42, 752-759. | 4.6 | 95 |
| 43 | High capacity oil absorbent wood prepared through eco-friendly deep eutectic solvent delignification. Chemical Engineering Journal, 2020, 401, 126150. | 6.6 | 93 |
| 44 | Tissue-Specific Concentrations and Patterns of Perfluoroalkyl Carboxylates and Sulfonates in East Greenland Polar Bears. Environmental Science & Technology, 2012, 46, 11575-11583. | 4.6 | 91 |
| 45 | Trends in Mercury in Hair of Greenlandic Polar Bears (Ursus maritimus) during 1892â^'2001. Environmental Science & Technology, 2006, 40, 1120-1125. | 4.6 | 90 |
| 46 | Emerging nanobiotechnology in agriculture for the management of pesticide residues. Journal of Hazardous Materials, 2021, 401, 123369. | 6.5 | 90 |
| 47 | Valorization of municipal wastes using co-pyrolysis for green energy production, energy security, and environmental sustainability: A review. Chemical Engineering Journal, 2021, 421, 129749. | 6.6 | 90 |
| 48 | Cortisol levels in hair of East Greenland polar bears. Science of the Total Environment, 2011, 409, 831-834. | 3.9 | 86 |
| 49 | Temporal Trends and Future Predictions of Mercury Concentrations in Northwest Greenland Polar Bear (Ursus maritimus) Hair. Environmental Science & Technology, 2011, 45, 1458-1465. | 4.6 | 85 |
| 50 | A review of historical and recent locust outbreaks: Links to global warming, food security and mitigation strategies. Environmental Research, 2020, 191, 110046. | 3.7 | 83 |
| 51 | Mercury contamination in spotted seatrout, Cynoscion nebulosus: An assessment of liver, kidney, blood, and nervous system health. Science of the Total Environment, 2010, 408, 5808-5816. | 3.9 | 82 |
| 52 | Trends of perfluorochemicals in Greenland ringed seals and polar bears: Indications of shifts to decreasing trends. Chemosphere, 2013, 93, 1607-1614. | 4.2 | 82 |
| 53 | Simultaneous removal of toxic ammonia and lettuce cultivation in aquaponic system using microwave pyrolysis biochar. Journal of Hazardous Materials, 2020, 396, 122610. | 6.5 | 81 |
| 54 | Immunologic, reproductive, and carcinogenic risk assessment from POP exposure in East Greenland polar bears (Ursus maritimus) during 1983â€“2013. Environment International, 2018, 118, 169-178. | 4.8 | 79 |

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|---|---|---|---|
| 55 | Selenium in soil-microbe-plant systems: Sources, distribution, toxicity, tolerance, and detoxification. Critical Reviews in Environmental Science and Technology, 2022, 52, 2383-2420. | 6.6 | 79 |
| 56 | Brain region-specific perfluoroalkylated sulfonate (PFSA) and carboxylic acid (PFCA) accumulation and neurochemical biomarker Responses in east Greenland polar Bears (Ursus maritimus). Environmental Research, 2015, 138, 22-31. | 3.7 | 78 |
| 57 | Anthropogenic flank attack on polar bears: interacting consequences of climate warming and pollutant exposure. Frontiers in Ecology and Evolution, 2015, 3, . | 1.1 | 77 |
| 58 | Physiologically-based pharmacokinetic modelling of immune, reproductive and carcinogenic effects from contaminant exposure in polar bears (Ursus maritimus) across the Arctic. Environmental Research, 2015, 140, 45-55. | 3.7 | 77 |
| 59 | Accumulation of Short-, Medium-, and Long-Chain Chlorinated Paraffins in Marine and Terrestrial Animals from Scandinavia. Environmental Science & Technology, 2019, 53, 3526-3537. | 4.6 | 77 |
| 60 | Bioaccumulation and biomagnification of perfluoroalkyl acids and precursors in East Greenland polar bears and their ringed seal prey. Environmental Pollution, 2019, 252, 1335-1343. | 3.7 | 76 |
| 61 | A chronicle of SARS-CoV-2: Seasonality, environmental fate, transport, inactivation, and antiviral drug resistance. Journal of Hazardous Materials, 2021, 405, 124043. | 6.5 | 76 |
| 62 | A review on valorization of oyster mushroom and waste generated in the mushroom cultivation industry. Journal of Hazardous Materials, 2020, 400, 123156. | 6.5 | 75 |
| 63 | Three decades (1983â€“2010) of contaminant trends in East Greenland polar bears (Ursus maritimus). Part 1: Legacy organochlorine contaminants. Environment International, 2013, 59, 485-493. | 4.8 | 74 |
| 64 | Processed Bamboo as a Novel Formaldehyde-Free High-Performance Furniture Biocomposite. ACS Applied Materials & Interfaces, 2020, 12, 30824-30832. | 4.0 | 74 |
| 65 | A first evaluation of the usefulness of feathers of nestling predatory birds for non-destructive biomonitoring of persistent organic pollutants. Environment International, 2011, 37, 622-630. | 4.8 | 73 |
| 66 | Fluorine Mass Balance and Suspect Screening in Marine Mammals from the Northern Hemisphere. Environmental Science & Technology, 2020, 54, 4046-4058. | 4.6 | 73 |
| 67 | Potential Emergence of Antiviral-Resistant Pandemic Viruses via Environmental Drug Exposure of Animal Reservoirs. Environmental Science & Technology, 2020, 54, 8503-8505. | 4.6 | 72 |
| 68 | Elevation in wildfire frequencies with respect to the climate change. Journal of Environmental Management, 2022, 301, 113769. | 3.8 | 70 |
| 69 | PFAS profiles in three North Sea top predators: metabolic differences among species?. Environmental Science and Pollution Research, 2013, 20, 8013-8020. | 2.7 | 69 |
| 70 | A review of dietary phytochemicals and their relation to oxidative stress and human diseases. Chemosphere, 2021, 271, 129499. | 4.2 | 69 |
| 71 | Two decades of biomonitoring polar bear health in Greenland: a review. Acta Veterinaria Scandinavica, 2012, 54, . | 0.5 | 68 |
| 72 | Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. Environment International, 2020, 139, 105725. | 4.8 | 67 |

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|---|---|---|---|
| 73 | Twenty years of monitoring of persistent organic pollutants in Greenland biota. A review. Environmental Pollution, 2016, 217, 114-123. | 3.7 | 66 |
| 74 | Measuring environmental stress in East Greenland polar bears, 1892â€“1927 and 1988â€“2009: What does hair cortisol tell us?. Environment International, 2012, 45, 15-21. | 4.8 | 65 |
| 75 | TEMPO-oxidized cellulose nanofibers/polyacrylamide hybrid hydrogel with intrinsic self-recovery and shape memory properties. Cellulose, 2021, 28, 1469-1488. | 2.4 | 65 |
| 76 | Do Organohalogen Contaminants Contribute to Histopathology in Liver from East Greenland Polar Bears (Ursus maritimus)?. Environmental Health Perspectives, 2005, 113, 1569-1574. | 2.8 | 62 |
| 77 | Reproductive performance in East Greenland polar bears (Ursus maritimus) may be affected by organohalogen contaminants as shown by physiologically-based pharmacokinetic (PBPK) modelling. Chemosphere, 2009, 77, 1558-1568. | 4.2 | 62 |
| 78 | ARE ORGANOHALOGEN CONTAMINANTS A COFACTOR IN THE DEVELOPMENT OF RENAL LESIONS IN EAST GREENLAND POLAR BEARS (URSUS MARITIMUS)?. Environmental Toxicology and Chemistry, 2006, 25, 1551. | 2.2 | 60 |
| 79 | Three decades (1983â€“2010) of contaminant trends in East Greenland polar bears (Ursus maritimus). Part 2: Brominated flame retardants. Environment International, 2013, 59, 494-500. | 4.8 | 60 |
| 80 | High-pressure CO2 hydrothermal pretreatment of peanut shells for enzymatic hydrolysis conversion into glucose. Chemical Engineering Journal, 2020, 385, 123949. | 6.6 | 60 |
| 81 | Core-shell structured molecularly imprinted materials for sensing applications. TrAC - Trends in Analytical Chemistry, 2020, 133, 116043. | 5.8 | 60 |
| 82 | Arctic-adapted dogs emerged at the Pleistoceneâ€“Holocene transition. Science, 2020, 368, 1495-1499. | 6.0 | 60 |
| 83 | Sustainable management of municipal solid waste through waste-to-energy technologies. Bioresource Technology, 2022, 355, 127247. | 4.8 | 60 |
| 84 | Are liver and renal lesions in East Greenland polar bears (Ursus maritimus) associated with high mercury levels?. Environmental Health, 2007, 6, 11. | 1.7 | 59 |
| 85 | Brain region distribution and patterns of bioaccumulative perfluoroalkyl carboxylates and sulfonates in East Greenland polar bears (Ursus maritimus). Environmental Toxicology and Chemistry, 2013, 32, 713-722. | 2.2 | 58 |
| 86 | Serosurvey for Trichinella in polar bears (Ursus maritimus) from Svalbard and the Barents Sea. Veterinary Parasitology, 2010, 172, 256-263. | 0.7 | 57 |
| 87 | Organohalogen compounds of emerging concern in Baltic Sea biota: Levels, biomagnification potential and comparisons with legacy contaminants. Environment International, 2020, 144, 106037. | 4.8 | 57 |
| 88 | 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 (Haliaeetus albicilla). Environment International, 2011, 37, 1349-1356. | 4.8 | 56 |
| 89 | Effects of Polar Bear and Killer Whale Derived Contaminant Cocktails on Marine Mammal Immunity. Environmental Science & Technology, 2017, 51, 11431-11439. | 4.6 | 56 |
| 90 | Covid-19 pandemic in the lens of food safety and security. Environmental Research, 2021, 193, 110405. | 3.7 | 56 |

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|---|---|---|---|
| 91 | Comparative hepatic microsomal biotransformation of selected PBDEs, including decabromodiphenyl ether, and decabromodiphenyl ethane flame retardants in Arctic marineâ€feeding mammals. Environmental Toxicology and Chemistry, 2011, 30, 1506-1514. | 2.2 | 55 |
| 92 | Progress in the torrefaction technology for upgrading oil palm wastes to energy-dense biochar: A review. Renewable and Sustainable Energy Reviews, 2021, 151, 111645. | 8.2 | 55 |
| 93 | Population genomics of grey wolves and wolf-like canids in North America. PLoS Genetics, 2018, 14, e1007745. | 1.5 | 54 |
| 94 | Ultrastructural change in lignocellulosic biomass during hydrothermal pretreatment. Bioresource Technology, 2021, 341, 125807. | 4.8 | 54 |
| 95 | Age and seasonal variability of polybrominated diphenyl ethers in free-ranging East Greenland polar bears (Ursus maritimus). Environmental Pollution, 2007, 146, 166-173. | 3.7 | 53 |
| 96 | Hydrogen production and heavy metal immobilization using hyperaccumulators in supercritical water gasification. Journal of Hazardous Materials, 2021, 402, 123541. | 6.5 | 53 |
| 97 | Phytoremediation of radionuclides in soil, sediments and water. Journal of Hazardous Materials, 2021, 407, 124771. | 6.5 | 53 |
| 98 | Impairment of Cellular Immunity in West Greenland Sledge Dogs (Canis familiaris) Dietary Exposed to Polluted Minke Whale (Balaenoptera acutorostrata) Blubber. Environmental Science & Technology, 2006, 40, 2056-2062. | 4.6 | 52 |
| 99 | Time Trends of Mercury in Feathers of West Greenland Birds of Prey During 1851â^'2003. Environmental Science & Technology, 2006, 40, 5911-5916. | 4.6 | 52 |
| 100 | Relationships between organohalogen contaminants and blood plasma clinicalâ€“chemical parameters in chicks of three raptor species from Northern Norway. Ecotoxicology and Environmental Safety, 2010, 73, 7-17. | 2.9 | 52 |
| 101 | Exposure to mixtures of organohalogen contaminants and associative interactions with thyroid hormones in East Greenland polar bears (Ursus maritimus). Environment International, 2011, 37, 694-708. | 4.8 | 51 |
| 102 | Associations between complex OHC mixtures and thyroid and cortisol hormone levels in East Greenland polar bears. Environmental Research, 2012, 116, 26-35. | 3.7 | 51 |
| 103 | On the integration of ecological and physiological variables in polar bear toxicology research: a systematic review. Environmental Reviews, 2018, 26, 1-12. | 2.1 | 50 |
| 104 | Regional Contamination versus Regional Dietary Differences: Understanding Geographic Variation in Brominated and Chlorinated Contaminant Levels in Polar Bears. Environmental Science & Technology, 2011, 45, 896-902. | 4.6 | 49 |
| 105 | Blood plasma clinicalâ€“chemical parameters as biomarker endpoints for organohalogen contaminant exposure in Norwegian raptor nestlings. Ecotoxicology and Environmental Safety, 2012, 80, 76-83. | 2.9 | 48 |
| 106 | Size and density of East Greenland polar bear (Ursus maritimus) skulls: Valuable bio-indicators of environmental changes?. Ecological Indicators, 2013, 34, 290-295. | 2.6 | 48 |
| 107 | Blubber-depth distribution and bioaccumulation of PCBs and organochlorine pesticides in Arctic-invading killer whales. Science of the Total Environment, 2017, 601-602, 237-246. | 3.9 | 48 |
| 108 | Applying microwave vacuum pyrolysis to design moisture retention and pH neutralizing palm kernel shell biochar for mushroom production. Bioresource Technology, 2020, 312, 123572. | 4.8 | 48 |

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|---|---|---|---|
| 109 | Quantitative relationships in delphinid neocortex. Frontiers in Neuroanatomy, 2014, 8, 132. | 0.9 | 46 |
| 110 | Comparative hepatic in vitro depletion and metabolite formation of major perfluorooctane sulfonate precursors in arctic polar bear, beluga whale, and ringed seal. Chemosphere, 2014, 112, 225-231. | 4.2 | 46 |
| 111 | A review on production of lignin-based ï¬,occulants: Sustainable feedstock and low carbon footprint applications. Renewable and Sustainable Energy Reviews, 2020, 134, 110384. | 8.2 | 46 |
| 112 | White-Tailed Eagle (Haliaeetus albicilla) Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. Environmental Science & Technology, 2019, 53, 12744-12753. | 4.6 | 45 |
| 113 | Development of formaldehyde-free bio-board produced from mushroom mycelium and substrate waste. Journal of Hazardous Materials, 2020, 400, 123296. | 6.5 | 45 |
| 114 | Organochlorine-induced histopathology in kidney and liver tissue from Arctic fox (Vulpes lagopus). Chemosphere, 2008, 71, 1214-1224. | 4.2 | 43 |
| 115 | Persistent organic pollutants and methoxylated polybrominated diphenyl ethers in different tissues of white-tailed eagles (HaliaeetusÂalbicilla) from West Greenland. Environmental Pollution, 2013, 175, 137-146. | 3.7 | 43 |
| 116 | Organophosphate esters in East Greenland polar bears and ringed seals: Adipose tissue concentrations and inÂvitro depletion and metabolite formation. Chemosphere, 2018, 196, 240-250. | 4.2 | 43 |
| 117 | Temporal trends of mercury in marine biota of west and northwest Greenland. Marine Pollution Bulletin, 2007, 54, 72-80. | 2.3 | 42 |
| 118 | Geographic distribution of selected elements in the livers of polar bears from Greenland, Canada and the United States. Environmental Pollution, 2008, 153, 618-626. | 3.7 | 42 |
| 119 | Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. Polar Biology, 2013, 36, 1525-1529. | 0.5 | 41 |
| 120 | Thyroid hormones and deiodinase activity in plasma and tissues in relation to high levels of organohalogen contaminants in East Greenland polar bears (Ursus maritimus). Environmental Research, 2015, 136, 413-423. | 3.7 | 40 |
| 121 | Sources, distribution and effects of rare earth elements in the marine environment: Current knowledge and research gaps. Environmental Pollution, 2021, 291, 118230. | 3.7 | 40 |
| 122 | Strategic hazard mitigation of waste furniture boards via pyrolysis: Pyrolysis behavior, mechanisms, and value-added products. Journal of Hazardous Materials, 2022, 421, 126774. | 6.5 | 40 |
| 123 | Advanced nanocellulose-based gas barrier materials: Present status and prospects. Chemosphere, 2022, 286, 131891. | 4.2 | 39 |
| 124 | Cadmium toxicity to ringed seals (Phoca hispida): an epidemiological study of possible cadmium-induced nephropathy and osteodystrophy in ringed seals (Phoca hispida) from Qaanaaq in Northwest Greenland. Science of the Total Environment, 2002, 295, 167-181. | 3.9 | 38 |
| 125 | Effects of organohalogen pollutants on haematological and urine clinicalâ€“chemical parameters in Greenland sledge dogs (Canis familiaris). Ecotoxicology and Environmental Safety, 2008, 69, 381-390. | 2.9 | 38 |
| 126 | Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191929. | 1.2 | 38 |

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|---|---|---|---|
| 127 | Establishing a definition of polar bear (Ursus maritimus) health: A guide to research and management activities. Science of the Total Environment, 2015, 514, 371-378. | 3.9 | 37 |
| 128 | Mercury and cortisol in Western Hudson Bay polar bear hair. Ecotoxicology, 2015, 24, 1315-1321. | 1.1 | 37 |
| 129 | A review on the deteriorating situation of smog and its preventive measures in Pakistan. Journal of Cleaner Production, 2021, 279, 123676. | 4.6 | 37 |
| 130 | Progress in pyrolysis conversion of waste into value-added liquid pyro-oil, with focus on heating source and machine learning analysis. Energy Conversion and Management, 2021, 245, 114638. | 4.4 | 37 |
| 131 | Multiple Cytokine and Acute-Phase Protein Gene Transcription in West Greenland Sledge Dogs (Canis) Tj ETQq1 1 0.784314 rgBT /Over Contamination and Toxicology, 2007, 53, 110-118. | 2.1 | 35 |
| 132 | Validation of adipose lipid content as a body condition index for polar bears. Ecology and Evolution, 2014, 4, 516-527. | 0.8 | 35 |
| 133 | Recent advances in asphaltene transformation in heavy oil hydroprocessing: Progress, challenges, and future perspectives. Fuel Processing Technology, 2021, 213, 106681. | 3.7 | 35 |
| 134 | Using nucleophilic naphthol derivatives to suppress biomass lignin repolymerization in fermentable sugar production. Chemical Engineering Journal, 2021, 420, 130258. | 6.6 | 35 |
| 135 | Adsorption of environmental contaminants on micro- and nano-scale plastic polymers and the influence of weathering processes on their adsorptive attributes. Journal of Hazardous Materials, 2022, 427, 127903. | 6.5 | 35 |
| 136 | Greenland sledge dogs (Canis familiaris) develop liver lesions when exposed to a chronic and dietary low dose of an environmental organohalogen cocktail. Environmental Research, 2008, 106, 72-80. | 3.7 | 34 |
| 137 | Prevalence of Antibodies Against Toxoplasma gondii in Polar Bears (Ursus maritimus) From Svalbard and East Greenland. Journal of Parasitology, 2009, 95, 89-94. | 0.3 | 34 |
| 138 | Mercury and histopathology of the vulnerable goliath grouper, Epinephelus itajara, in U.S. waters: A multi-tissue approach. Environmental Research, 2013, 126, 254-263. | 3.7 | 34 |
| 139 | Penile density and globally used chemicals in Canadian and Greenland polar bears. Environmental Research, 2015, 137, 287-291. | 3.7 | 34 |
| 140 | Per- and polyfluoroalkyl substances (PFASs) â€“ New endocrine disruptors in polar bears (Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 | 4.8 | 34 |
| 141 | Histology of selected immunological organs in polar bear (Ursus maritimus) from East Greenland in relation to concentrations of organohalogen contaminants. Science of the Total Environment, 2005, 341, 119-132. | 3.9 | 33 |
| 142 | Plasma concentrations of organohalogenated pollutants in predatory bird nestlings: Associations to growth rate and dietary tracers. Environmental Toxicology and Chemistry, 2013, 32, 2520-2527. | 2.2 | 33 |
| 143 | Hormesis induced by silver iodide, hydrocarbons, microplastics, pesticides, and pharmaceuticals: Implications for agroforestry ecosystems health. Science of the Total Environment, 2022, 820, 153116. | 3.9 | 33 |
| 144 | Renal lesions in Greenland sledge dogs (Canis familiaris) exposed to a natural dietary cocktail of persistent organic pollutants. Toxicological and Environmental Chemistry, 2007, 89, 563-576. | 0.6 | 32 |

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|---|---|---|---|
| 145 | Evaluation of the use of common sculpin (Myoxocephalus scorpius) organ histology as bioindicator for element exposure in the fjord of the mining area Maarmorilik, West Greenland. Environmental Research, 2014, 133, 304-311. | 3.7 | 32 |
| 146 | Comparative fate of organohalogen contaminants in two top carnivores in Greenland: Captive sledge dogs and wild polar bears. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 147, 306-315. | 1.3 | 31 |
| 147 | Stress management versus cognitive restructuring in trauma-affected refugeesâ€"A pragmatic randomised study. Psychiatry Research, 2018, 266, 116-123. | 1.7 | 31 |
| 148 | A study of metal concentrations and metallothionein binding capacity in liver, kidney and brain tissues of three Arctic seal species. Science of the Total Environment, 2009, 407, 6166-6172. | 3.9 | 30 |
| 149 | A screening of persistent organohalogenated contaminants in hair of East Greenland polar bears. Science of the Total Environment, 2010, 408, 5613-5618. | 3.9 | 30 |
| 150 | Alterations in thyroid hormone status in Greenland sledge dogs exposed to whale blubber contaminated with organohalogen compounds. Ecotoxicology and Environmental Safety, 2011, 74, 157-163. | 2.9 | 30 |
| 151 | Progress on bringing together raptor collections in Europe for contaminant research and monitoring in relation to chemicals regulation. Environmental Science and Pollution Research, 2019, 26, 20132-20136. | 2.7 | 30 |
| 152 | Microwave co-torrefaction of waste oil and biomass pellets for simultaneous recovery of waste and co-firing fuel. Renewable and Sustainable Energy Reviews, 2021, 152, 111699. | 8.2 | 29 |
| 153 | A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals. Science of the Total Environment, 2022, 829, 154445. | 3.9 | 29 |
| 154 | Liver and renal histopathology of North Atlantic long-finned pilot whales (<i>Globicephala) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td Environmental Chemistry, 2010, 92, 969-985. | 0.6 | 28 |
| 155 | Temporal and life history related trends of perfluorochemicals in harbor porpoises from the Danish North Sea. Marine Pollution Bulletin, 2011, 62, 1476-1483. | 2.3 | 28 |
| 156 | Spatial and temporal trends of selected trace elements in liver tissue from polar bears (Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 | 2.1 | 28 |
| 157 | Ecological and spatial factors drive intra- and interspecific variation in exposure of subarctic predatory bird nestlings to persistent organic pollutants. Environment International, 2013, 57-58, 25-33. | 4.8 | 28 |
| 158 | A schematic sampling protocol for contaminant monitoring in raptors. Ambio, 2021, 50, 95-100. | 2.8 | 28 |
| 159 | Antidrug resistance in the Indian ambient waters of Ahmedabad during the COVID-19 pandemic. Journal of Hazardous Materials, 2021, 416, 126125. | 6.5 | 28 |
| 160 | Generating alternative fuel and bioplastics from medical plastic waste and waste frying oil using microwave co-pyrolysis combined with microbial fermentation. Renewable and Sustainable Energy Reviews, 2022, 153, 111790. | 8.2 | 28 |
| 161 | Pilot-scale co-processing of lignocellulosic biomass, algae, shellfish waste via thermochemical approach: Recent progress and future directions. Bioresource Technology, 2022, 347, 126687. | 4.8 | 28 |
| 162 | Development and evaluation of zinc oxide-blended kenaf fiber biocomposite for automotive applications. Materials Today Communications, 2020, 24, 101008. | 0.9 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | An Overview on the Conversion of Forest Biomass into Bioenergy. Frontiers in Energy Research, 2021, 9, . | 1.2 | 27 |
| 164 | Production of modified biochar to treat landfill leachate using integrated microwave pyrolytic CO2 activation. Chemical Engineering Journal, 2021, 425, 131886. | 6.6 | 27 |
| 165 | Chronic dietary exposure to environmental organochlorine contaminants induces thyroid gland lesions in Arctic foxes (Vulpes lagopus). Environmental Research, 2009, 109, 702-711. | 3.7 | 26 |
| 166 | Influence of carbon and lipid sources on variation of mercury and other trace elements in polar bears (Ursus maritimus). Environmental Toxicology and Chemistry, 2012, 31, 2739-2747. | 2.2 | 26 |
| 167 | Pollution threatens toothed whales. Science, 2018, 361, 1208-1208. | 6.0 | 26 |
| 168 | Temporal trends of legacy organochlorines in different white-tailed eagle (Haliaeetus albicilla) subpopulations: A retrospective investigation using archived feathers. Environment International, 2020, 138, 105618. | 4.8 | 26 |
| 169 | Spatial and temporal variation in size of polar bear (Ursus maritimus) sexual organs and its use in pollution and climate change studies. Science of the Total Environment, 2007, 387, 237-246. | 3.9 | 25 |
| 170 | A risk assessment of the effects of mercury on Baltic Sea, Greater North Sea and North Atlantic wildlife, fish and bivalves. Environment International, 2021, 146, 106178. | 4.8 | 25 |
| 171 | Nanomaterial-based aptasensors as an efficient substitute for cardiovascular disease diagnosis: Future of smart biosensors. Biosensors and Bioelectronics, 2021, 193, 113617. | 5.3 | 25 |
| 172 | Trends in fluctuating asymmetry in East Greenland polar bears (Ursus maritimus) from 1892 to 2002 in relation to organohalogen pollution. Science of the Total Environment, 2005, 341, 81-96. | 3.9 | 24 |
| 173 | Skull pathology in East Greenland and Svalbard polar bears (Ursus maritimus) during 1892 to 2002 in relation to organochlorine pollution. Science of the Total Environment, 2007, 372, 554-561. | 3.9 | 24 |
| 174 | Dietary, age and trans-generational effects on the fate of organohalogen contaminants in captive sledge dogs in Greenland. Environment International, 2009, 35, 56-62. | 4.8 | 24 |
| 175 | Health assessment of harbour porpoises (PHOCOENA PHOCOENA) from Baltic area of Denmark, Germany, Poland and Latvia. Environment International, 2020, 143, 105904. | 4.8 | 24 |
| 176 | A review of pathogens in selected Baltic Sea indicator species. Environment International, 2020, 137, 105565. | 4.8 | 24 |
| 177 | Bioaccumulation of mining derived metals in blood, liver, muscle and otoliths of two Arctic predatory fish species (Gadus ogac and Myoxocephalus scorpius). Environmental Research, 2020, 183, 109194. | 3.7 | 24 |
| 178 | A review on mobile phones as bacterial reservoirs in healthcare environments and potential device decontamination approaches. Environmental Research, 2020, 186, 109569. | 3.7 | 24 |
| 179 | Vertical flow constructed wetlands using expanded clay and biochar for wastewater remediation: A comparative study and prediction of effluents using machine learning. Journal of Hazardous Materials, 2021, 413, 125426. | 6.5 | 24 |
| 180 | Is Virtual Fencing an Effective Way of Enclosing Cattle? Personality, Herd Behaviour and Welfare. Animals, 2022, 12, 842. | 1.0 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Steroid hormones in blood plasma from Greenland sledge dogs (Canis familiaris) dietary exposed to organohalogen polluted minke whale (Balaenoptera acuterostrata) blubber. Toxicological and Environmental Chemistry, 2014, 96, 273-286. | 0.6 | 23 |
| 182 | A veterinary perspective on One Health in the Arctic. Acta Veterinaria Scandinavica, 2017, 59, 84. | 0.5 | 23 |
| 183 | Support Austria's glyphosate ban. Science, 2020, 367, 257-258. | 6.0 | 23 |
| 184 | Emerging contaminants and biological effects in Arctic wildlife. Trends in Ecology and Evolution, 2021, 36, 421-429. | 4.2 | 23 |
| 185 | Progress and challenges in sensing of mycotoxins using molecularly imprinted polymers. Environmental Pollution, 2022, 305, 119218. | 3.7 | 23 |
| 186 | Potential correlation between perfluorinated acids and liver morphology in East Greenland polar bears (Ursus maritimus). Toxicological and Environmental Chemistry, 2008, 90, 275-283. | 0.6 | 22 |
| 187 | Enlarged clitoris in wild polar bears (Ursus maritimus) can be misdiagnosed as pseudohermaphroditism. Science of the Total Environment, 2005, 337, 45-58. | 3.9 | 21 |
| 188 | Is there a link between hypospadias and organochlorine exposure in East Greenland sledge dogs (Canis) Tj ETQq0 0 0 rgBT /Overlock 10 | 2.9 | 21 |
| 189 | A review of the factors causing paralysis in wild birds: Implications for the paralytic syndrome observed in the Baltic Sea. Science of the Total Environment, 2012, 416, 32-39. | 3.9 | 21 |
| 190 | Otolith Chemistry of Common Sculpins (Myoxocephalus scorpius) in a Mining Polluted Greenlandic Fiord (Black Angel Lead-Zinc Mine, West Greenland). Water, Air, and Soil Pollution, 2015, 226, 1. | 1.1 | 21 |
| 191 | Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals (Pusa hispida). Environmental Research, 2016, 151, 244-250. | 3.7 | 21 |
| 192 | Endosulfan, Short-Chain Chlorinated Paraffins (SCCPs) and Octachlorostyrene in Wildlife from Greenland: Levels, Trends and Methodological Challenges. Archives of Environmental Contamination and Toxicology, 2017, 73, 542-551. | 2.1 | 21 |
| 193 | Common Eider (Somateria Mollissima) Body Condition and Parasitic Load during a Mortality Event in the Baltic Proper. Avian Biology Research, 2018, 11, 167-172. | 0.4 | 21 |
| 194 | Florida lagoon at risk of ecosystem collapse. Science, 2019, 365, 991-992. | 6.0 | 21 |
| 195 | Characterisation and 3D structure of melanomacrophage centers in shorthorn sculpins (Myoxocephalus scorpius). Tissue and Cell, 2019, 57, 34-41. | 1.0 | 21 |
| 196 | Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. Environmental Science & Technology, 2021, 55, 4923-4931. | 4.6 | 21 |
| 197 | Feeding habits of a new Arctic predator: insight from full-depth blubber fatty acid signatures of Greenland, Faroe Islands, Denmark, and managed-care killer whales Orcinus orca. Marine Ecology - Progress Series, 2018, 603, 1-12. | 0.9 | 21 |
| 198 | COMPARATIVE HEPATIC ACTIVITY OF XENOBIOTIC-METABOLIZING ENZYMES AND CONCENTRATIONS OF ORGANOHALOGENS AND THEIR HYDROXYLATED ANALOGUES IN CAPTIVE GREENLAND SLEDGE DOGS (CANIS) Tj ETQq0 0 0 rgBT /Over | 2.0 | 20 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Temporal trend of mercury in polar bears (Ursus maritimus) from Svalbard using teeth as a biomonitoring tissue. Journal of Environmental Monitoring, 2012, 14, 56-63. | 2.1 | 20 |
| 200 | Organohalogen contaminants and Blood plasma clinicalâ€“chemical parameters in three colonies of North Atlantic Great skua (Stercorarius skua). Ecotoxicology and Environmental Safety, 2013, 92, 245-251. | 2.9 | 20 |
| 201 | Antiparasite treatments reduce humoral immunity and impact oxidative status in raptor nestlings. Ecology and Evolution, 2013, 3, 5157-5166. | 0.8 | 20 |
| 202 | Structure-Dependent in Vitro Metabolism of Alkyl-Substituted Analogues of Triphenyl Phosphate in East Greenland Polar Bears and Ringed Seals. Environmental Science and Technology Letters, 2018, 5, 214-219. | 3.9 | 20 |
| 203 | Histological mucous cell quantification and mucosal mapping reveal different aspects of mucous cell responses in gills and skin of shorthorn sculpins (Myoxocephalus scorpius). Fish and Shellfish Immunology, 2020, 100, 334-344. | 1.6 | 20 |
| 204 | Bioaccumulation potential of bisphenols and benzophenone UV filters: A multiresidue approach in raptor tissues. Science of the Total Environment, 2020, 741, 140330. | 3.9 | 20 |
| 205 | Valorisation of biomass and diaper waste into a sustainable production of the medical mushroom Lingzhi Ganoderma lucidum. Chemosphere, 2022, 286, 131477. | 4.2 | 20 |
| 206 | Progress, prospects, and challenges in standardization of sampling and analysis of micro- and nano-plastics in the environment. Journal of Cleaner Production, 2021, 325, 129321. | 4.6 | 20 |
| 207 | OCCURRENCE OF VERTEBRAL OSTEOPHYTOSIS IN A MUSEUM SAMPLE OF WHITE-BEAKED DOLPHINS (LAGENORHYNCHUS ALBIROSTRIS) FROM DANISH WATERS. Journal of Wildlife Diseases, 2009, 45, 19-28. | 0.3 | 19 |
| 208 | Omics technologies used in pesticide residue detection and mitigation in crop. Journal of Hazardous Materials, 2021, 420, 126624. | 6.5 | 19 |
| 209 | Differences in growth, size and sexual dimorphism in skulls of East Greenland and Svalbard polar bears (Ursus maritimus). Polar Biology, 2008, 31, 945-958. | 0.5 | 18 |
| 210 | Fluctuating Asymmetry in Metric Traits; a Practical Example of Calculating Asymmetry, Measurement Error, and Repeatability. Annales Zoologici Fennici, 2008, 45, 32-38. | 0.2 | 18 |
| 211 | Thyroid gland lesions in organohalogen contaminated East Greenland polar bears (Ursus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 0.6 | 18 |
| 212 | Accumulation and potential health effects of organohalogenated compounds in the arctic fox (Vulpes lagopus)â€”a review. Science of the Total Environment, 2015, 502, 510-516. | 3.9 | 18 |
| 213 | Exposure to Persistent Organic Pollutants Reduces Testosterone Concentrations and Affects Sperm Viability and Morphology during the Mating Peak Period in a Controlled Experiment on Farmed Arctic Foxes (Vulpes lagopus). Environmental Science & Technology, 2017, 51, 4673-4680. | 4.6 | 18 |
| 214 | Comparison of heavy metals, parasites and histopathology in sculpins (Myoxocephalus spp.) from two sites at a lead-zinc mine in North East Greenland. Environmental Research, 2018, 165, 306-316. | 3.7 | 18 |
| 215 | The ongoing cut-down of the Amazon rainforest threatens the climate and requires global tree planting projects: A short review. Environmental Research, 2020, 181, 108887. | 3.7 | 18 |
| 216 | Two Decades of Mercury Concentrations in Barents Sea Polar Bears (Ursus maritimus) in Relation to Dietary Carbon, Sulfur, and Nitrogen. Environmental Science & Technology, 2020, 54, 7388-7397. | 4.6 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Analysis of narwhal tusks reveals lifelong feeding ecology and mercury exposure. Current Biology, 2021, 31, 2012-2019.e2. | 1.8 | 18 |
| 218 | Ursidibacter maritimus gen. nov., sp. nov. and Ursidibacter arcticus sp. nov., two new members of the family Pasteurellaceae isolated from the oral cavity of bears. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3683-3689. | 0.8 | 18 |
| 219 | Production of value-added hydrochar from single-mode microwave hydrothermal carbonization of oil palm waste for de-chlorination of domestic water. Science of the Total Environment, 2022, 833, 154968. | 3.9 | 18 |
| 220 | Glacial ice supports a distinct and undocumented polar bear subpopulation persisting in late 21st-century sea-ice conditions. Science, 2022, 376, 1333-1338. | 6.0 | 18 |
| 221 | 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 (Canis familiaris)?. Environment International, 2008, 34, 811-820. | 4.8 | 17 |
| 222 | Temporal and Spatial Variation in Metric Asymmetry in Skulls of Polar Bears (Ursus maritimus) from East Greenland and Svalbard. Annales Zoologici Fennici, 2008, 45, 15-31. | 0.2 | 17 |
| 223 | Organohalogens in A Whale-Blubber-Supplemented Diet Affects Hepatic Retinol and Renal Tocopherol Concentrations in Greenland Sled Dogs (Canis familiaris). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 773-786. | 1.1 | 17 |
| 224 | Effects of implanted satellite transmitters on behavior and survival of female common eiders. Journal of Wildlife Management, 2011, 75, 1553-1557. | 0.7 | 17 |
| 225 | Spatial trends of perfluorochemicals in harbor seals (Phoca vitulina) from Danish waters. Science of the Total Environment, 2012, 414, 732-737. | 3.9 | 17 |
| 226 | Metal residues, histopathology and presence of parasites in the liver and gills of fourhorn sculpin (Myoxocephalus quadricornis) and shorthorn sculpin (Myoxocephalus scorpius) near a former lead-zinc mine in East Greenland. Environmental Research, 2017, 153, 171-180. | 3.7 | 17 |
| 227 | Persistent organic pollutants, skull size and bone density of polar bears ( Ursus maritimus ) from East Greenland 1892â€“2015 and Svalbard 1964â€“2004. Environmental Research, 2018, 162, 74-80. | 3.7 | 17 |
| 228 | Temporal trends of mercury differ across three northern white-tailed eagle (Haliaeetus albicilla) subpopulations. Science of the Total Environment, 2019, 687, 77-86. | 3.9 | 17 |
| 229 | Effects of waste-based pyrolysis as heating source: Meta-analyze of char yield and machine learning analysis. Fuel, 2022, 318, 123578. | 3.4 | 17 |
| 230 | Temporal monitoring of liver and kidney lesions in contaminated East Greenland polar bears (Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 4.8 | 16 |
| 231 | Xenoestrogenic and dioxin-like activity in blood of East Greenland polar bears (Ursus maritimus). Chemosphere, 2013, 92, 583-591. | 4.2 | 16 |
| 232 | Physiologically based pharmacokinetic modeling of POPs in Greenlanders. Environment International, 2014, 64, 91-97. | 4.8 | 16 |
| 233 | Using energy budgets to combine ecology and toxicology in a mammalian sentinel species. Scientific Reports, 2017, 7, 46267. | 1.6 | 16 |
| 234 | Environmental contaminants modulate the transcriptional activity of polar bear (Ursus maritimus) and human peroxisome proliferator-activated receptor alpha (PPARA). Scientific Reports, 2019, 9, 6918. | 1.6 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | Stranded cetaceans warn of high perfluoroalkyl substance pollution in the western Mediterranean Sea. Environmental Pollution, 2020, 267, 115367. | 3.7 | 16 |
| 236 | Life cycle bioenergetics of the gray seal (Halichoerus grypus) in the Baltic Sea: Population response to environmental stress. Environment International, 2020, 145, 106145. | 4.8 | 16 |
| 237 | Recycling of aquaculture wastewater and sediment for sustainable corn and water spinach production. Chemosphere, 2021, 268, 129329. | 4.2 | 16 |
| 238 | The effects of COVID-19 transmission on environmental sustainability and human health: Paving the way to ensure its sustainable management. Science of the Total Environment, 2022, 838, 156039. | 3.9 | 16 |
| 239 | Tissue healing in two harbor porpoises (Phocoena phocoena) following longâ€term satellite transmitter attachment. Marine Mammal Science, 2012, 28, E316. | 0.9 | 15 |
| 240 | Ban unsustainable mink production. Science, 2020, 370, 539-539. | 6.0 | 15 |
| 241 | One Health or Planetary Health for pandemic prevention?. Lancet, The, 2020, 396, 1882. | 6.3 | 15 |
| 242 | Progress in microbial biomass conversion into green energy. Chemosphere, 2021, 281, 130835. | 4.2 | 15 |
| 243 | Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring. Science of the Total Environment, 2022, 839, 155803. | 3.9 | 15 |
| 244 | In search of virus carriers of the 1988 and 2002 phocine distemper virus outbreaks in European harbour seals. Archives of Virology, 2008, 153, 187-192. | 0.9 | 14 |
| 245 | Liver and renal lesions in mercury-contaminated narwhals (Monodon monoceros) from North West Greenland. Toxicological and Environmental Chemistry, 2013, 95, 1-14. | 0.6 | 14 |
| 246 | Modeling Population-Level Consequences of Polychlorinated Biphenyl Exposure in East Greenland Polar Bears. Archives of Environmental Contamination and Toxicology, 2016, 70, 143-154. | 2.1 | 14 |
| 247 | Lead and Other Trace Elements in Danish Birds of Prey. Archives of Environmental Contamination and Toxicology, 2019, 77, 359-367. | 2.1 | 14 |
| 248 | COVID-19: Resource recovery from plastic waste against plastic pollution. Cogent Environmental Science, 2020, 6, . | 1.6 | 14 |
| 249 | Deforestation of rainforests requires active use of UN's Sustainable Development Goals. Science of the Total Environment, 2020, 742, 140681. | 3.9 | 14 |
| 250 | The nexus between biofuels and pesticides in agroforestry: Pathways toward United Nations sustainable development goals. Environmental Research, 2022, 214, 113751. | 3.7 | 14 |
| 251 | Trans-generational and neonatal humoral immune responses in West Greenland sledge dogs (Canis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 67 Td (Environment, 2010, 408, 5801-5807. | 3.9 | 13 |
| 252 | Altered vitamin D status in liver tissue and blood plasma from Greenland sledge dogs (Canis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (blubber. Ecotoxicology and Environmental Safety, 2014, 104, 403-408. | 2.9 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | A novel method for analysing key corticosteroids in polar bear ( Ursus maritimus ) hair using liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1017-1018, 45-51. | 1.2 | 13 |
| 254 | Mucous cell responses to contaminants and parasites in shorthorn sculpins (Myoxocephalus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 207-216. | 3.9 | 13 |
| 255 | Body mass, mercury exposure, biochemistry and untargeted metabolomics of incubating common eiders (Somateria mollissima) in three Baltic colonies. Environment International, 2020, 142, 105866. | 4.8 | 13 |
| 256 | Using low carbon footprint high-pressure carbon dioxide in bioconversion of aspen branch waste for sustainable bioethanol production. Bioresource Technology, 2020, 313, 123675. | 4.8 | 13 |
| 257 | A simple method to reduce the risk of cadmium exposure from consumption of Iceland scallops (Chlamys islandica) fished in Greenland. Environment International, 2014, 69, 100-103. | 4.8 | 12 |
| 258 | Risk evaluation of the Arctic environmental POP exposure based on critical body residue and critical daily dose using captive Greenland sledge dogs (Canis familiaris) as surrogate species. Environment International, 2016, 88, 221-227. | 4.8 | 12 |
| 259 | Persistent organic pollutants and penile bone mineral density in East Greenland and Canadian polar bears (Ursus maritimus) during 1996â€“2015. Environment International, 2018, 114, 212-218. | 4.8 | 12 |
| 260 | Migratory and diurnal activity of North Atlantic killer whales (Orcinus orca) off northern Norway. Journal of Experimental Marine Biology and Ecology, 2020, 533, 151456. | 0.7 | 12 |
| 261 | Homology Modeling and Probable Active Site Cavity Prediction of Uncharacterized Arsenate Reductase in Bacterial spp.. Applied Biochemistry and Biotechnology, 2021, 193, 1-18. | 1.4 | 12 |
| 262 | The Baltic Sea: An ecosystem with multiple stressors. Environment International, 2021, 147, 106324. | 4.8 | 12 |
| 263 | Craniometric characteristics of polar bear skulls from two periods with contrasting levels of industrial pollution and sea ice extent. Journal of Zoology, 2009, 279, 321-328. | 0.8 | 11 |
| 264 | Migration patterns, breeding and moulting locations of king eiders wintering in north-eastern Norway. Polar Biology, 2010, 33, 1379-1385. | 0.5 | 11 |
| 265 | Testosterone concentrations and male genital organ morphology in Greenland sledge dogs (<i>Canis) Tj ETQq1 1 0.784314 rgBT /Overlock Chemistry, 2010, 92, 955-967. | 0.6 | 11 |
| 266 | Allee effect in polar bears: a potential consequence of polychlorinated biphenyl contamination. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161883. | 1.2 | 11 |
| 267 | Spatiotemporal variation in home range size of female polar bears and correlations with individual contaminant load. Polar Biology, 2016, 39, 1479-1489. | 0.5 | 11 |
| 268 | Concentrations of vitamin A, E, thyroid and testosterone hormones in blood plasma and tissues from emaciated adult male Arctic foxes (Vulpes lagopus) dietary exposed to persistent organic pollutants (POPs). Environmental Research, 2017, 154, 284-290. | 3.7 | 11 |
| 269 | A rapid analytical method to quantify complex organohalogen contaminant mixtures in large samples of high lipid mammalian tissues. Chemosphere, 2017, 176, 243-248. | 4.2 | 11 |
| 270 | Haematology, blood biochemistry, parasites and pathology of common eider (Somateria mollisima) males during a mortality event in the Baltic. Science of the Total Environment, 2019, 683, 559-567. | 3.9 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | Histopathological effects of short-term aqueous exposure to environmentally relevant concentration of lead (Pb) in shorthorn sculpin (Myoxocephalus scorpius) under laboratory conditions. Environmental Science and Pollution Research, 2021, 28, 61423-61440. | 2.7 | 11 |
| 272 | First predatory journals, now conferences: The need to establish lists of fake conferences. Science of the Total Environment, 2020, 715, 136990. | 3.9 | 11 |
| 273 | Mineral density and biomechanical properties of bone tissue from male Arctic foxes (Vulpes lagopus) exposed to organochlorine contaminants and emaciation. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 97-103. | 1.3 | 10 |
| 274 | Skull Foramina Asymmetry in East Greenland and Svalbard Polar Bears (Ursus maritimus) in Relation to Stressful Environments. Annales Zoologici Fennici, 2009, 46, 181-192. | 0.2 | 10 |
| 275 | A Comparative Study on the Faecal Bacterial Community and Potential Zoonotic Bacteria of Muskoxen (Ovibos moschatus) in Northeast Greenland, Northwest Greenland and Norway. Microorganisms, 2018, 6, 76. | 1.6 | 10 |
| 276 | Plasma protein fractions in free-living white-tailed eagle (Haliaeetus albicilla) nestlings from Norway. BMC Veterinary Research, 2019, 15, 290. | 0.7 | 10 |
| 277 | Human exposure to PFOS and mercury through meat from baltic harbour seals (Phoca vitulina). Environmental Research, 2019, 175, 376-383. | 3.7 | 10 |
| 278 | Distribution of vitamins A (retinol) and E (Î±-tocopherol) in polar bear kidney: Implications for biomarker studies. Science of the Total Environment, 2011, 409, 3508-3511. | 3.9 | 9 |
| 279 | Quantification of achiral and chiral methylsulfonyl polychlorinated biphenyl metabolites by column-switching liquid chromatographyâ€“atmospheric pressure photoionizationâ€“tandem mass spectrometry. Journal of Chromatography A, 2012, 1268, 64-73. | 1.8 | 9 |
| 280 | East Greenland and Barents Sea polar bears (Ursus maritimus): adaptive variation between two populations using skull morphometrics as an indicator of environmental and genetic differences. Hereditas, 2012, 149, 99-107. | 0.5 | 9 |
| 281 | A screening of liver, kidney, and thyroid gland morphology in organochlorine-contaminated glaucous gulls (Larus hyperboreus) from Svalbard. Toxicological and Environmental Chemistry, 2013, 95, 172-186. | 0.6 | 9 |
| 282 | Physiologically-based pharmacokinetic modelling of distribution, bioaccumulation and excretion of POPs in Greenland sledge dogs (Canis familiaris). Environmental Research, 2015, 142, 380-386. | 3.7 | 9 |
| 283 | Bioaccumulation of rare earth elements in juvenile arctic char (Salvelinus alpinus) under field experimental conditions. Science of the Total Environment, 2019, 688, 529-535. | 3.9 | 9 |
| 284 | Soil and geologic formations as antidotes for CO 2 sequestration?. Soil Use and Management, 2020, 36, 355-357. | 2.6 | 9 |
| 285 | Mercury and neurochemical biomarkers in multiple brain regions of five Arctic marine mammals. NeuroToxicology, 2021, 84, 136-145. | 1.4 | 9 |
| 286 | Denmark recycling plan will cut waste by two-thirds. Nature, 2020, 584, 192-192. | 13.7 | 9 |
| 287 | Field Metabolic Rate and PCB Adipose Tissue Deposition Efficiency in East Greenland Polar Bears Derived from Contaminant Monitoring Data. PLoS ONE, 2014, 9, e104037. | 1.1 | 9 |
| 288 | In vitro metabolism of polychlorinated biphenyls and cytochrome P450 monooxygenase activities in dietary-exposed Greenland sledge dogs. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 150, 91-100. | 1.3 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 289 | A simple and novel method for retrieval of Pasteurellaceae from swab samples collected in the field. MicrobiologyOpen, 2013, 2, 795-797. | 1.2 | 8 |
| 290 | Seroprevalence for Brucella spp. in Baltic ringed seals (Phoca hispida) and East Greenland harp (Pagophilus groenlandicus) and hooded (Cystophora cristata) seals. Veterinary Immunology and Immunopathology, 2018, 198, 14-18. | 0.5 | 8 |
| 291 | Greenland sled dogs at risk of extinction. Science, 2018, 360, 1080-1080. | 6.0 | 8 |
| 292 | Are vitamins A and E associated with persistent organic pollutants and fatty acids in the blubber of highly contaminated killer whales (Orcinus orca) from Greenland?. Environmental Research, 2019, 177, 108602. | 3.7 | 8 |
| 293 | Factors affecting global flow of scientific knowledge in environmental sciences. Science of the Total Environment, 2020, 701, 135012. | 3.9 | 8 |
| 294 | Upscaling feasibility of a graphite-based truncated conical microbial fuel cell for bioelectrogenesis through organic wastewater treatment. Journal of Colloid and Interface Science, 2020, 570, 99-108. | 5.0 | 8 |
| 295 | Mercury exposure and risk assessment for Eurasian otters (Lutra lutra) in Denmark. Chemosphere, 2021, 272, 129608. | 4.2 | 8 |
| 296 | Incubation Behaviour of Common Eiders Somateria Mollissima in the Central Baltic: Nest Attendance and Loss in Body Mass. Acrocephalus, 2018, 39, 91-100. | 0.5 | 8 |
| 297 | Structural properties and hydrolysability of recycled poplar residues (Populus L.): Effects of two-step acetic acid and sodium sulphite pre-treatment. Chemosphere, 2022, 291, 132679. | 4.2 | 8 |
| 298 | Perspectives on phytoremediation of zinc pollution in air, water and soil. Sustainable Chemistry and Pharmacy, 2021, 24, 100550. | 1.6 | 8 |
| 299 | Environmental perspectives of textile waste, environmental pollution and recycling. Environmental Technology Reviews, 2022, 11, 62-71. | 2.1 | 8 |
| 300 | 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. Toxicological and Environmental Chemistry, 2013, 95, 853-859. | 0.6 | 7 |
| 301 | Vitamins A and E in liver, kidney, and whole blood of East Greenland polar bears sampled 1994â€“2008: reference values and temporal trends. Polar Biology, 2016, 39, 743-754. | 0.5 | 7 |
| 302 | Environmental contaminant mixtures modulate in vitro influenza infection. Science of the Total Environment, 2018, 634, 20-28. | 3.9 | 7 |
| 303 | Age and seasonal variation in testis and baculum morphology in East Greenland polar bears (Ursus) Tj ETQq1 1 0.784314 rgBT /Overlock Research, 2019, 173, 246-254. | 3.7 | 7 |
| 304 | Discussion: Illegal kills of protected wolves call for public reasoning. Science of the Total Environment, 2019, 665, 617-619. | 3.9 | 7 |
| 305 | Climate-associated drivers of plasma cytokines and contaminant concentrations in Beaufort Sea polar bears (Ursus maritimus). Science of the Total Environment, 2020, 745, 140978. | 3.9 | 7 |
| 306 | Lead concentrations in blood from incubating common eiders (Somateria mollissima) in the Baltic Sea. Environment International, 2020, 137, 105582. | 4.8 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 307 | Wildfire puts koalas at risk of extinction. Science, 2020, 367, 750-750. | 6.0 | 7 |
| 308 | A scalable and simple lignin-based polymer for ultra-efficient flocculation and sterilization. Separation and Purification Technology, 2022, 292, 120960. | 3.9 | 7 |
| 309 | Screening of thyroid gland histology in organohalogen-contaminated glaucous gulls (Larus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T<br>1705-1713. | 0.6 | 6 |
| 310 | Why is the last Thick-billed MurreUria lomviacolony in central West Greenland heading for extinction?. Bird Conservation International, 2016, 26, 177-191. | 0.7 | 6 |
| 311 | Steroid hormones in multiple tissues of East Greenland polar bears (Ursus maritimus). Polar Biology, 2017, 40, 37-49. | 0.5 | 6 |
| 312 | Japanese quail (Coturnix japonica) 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. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 525-531. | 1.1 | 6 |
| 313 | Hepatic and renal histology and mercury concentrations of North West and North East Greenland narwhals (Monodon monoceros). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 202-211. | 1.1 | 6 |
| 314 | The influence of natural variation and organohalogenated contaminants on physiological parameters in white-tailed eagle (Haliaeetus albicilla) nestlings from Norway. Environmental Research, 2019, 177, 108586. | 3.7 | 6 |
| 315 | Using citizen science to speed up plastic collection and mapping of urban noise: Lessons learned from Denmark. Marine Pollution Bulletin, 2019, 149, 110591. | 2.3 | 6 |
| 316 | Time to ban lead hunting ammunition. Science, 2019, 366, 961-962. | 6.0 | 6 |
| 317 | Discussion: Peer-review under siege. Science of the Total Environment, 2019, 651, 1180-1181. | 3.9 | 6 |
| 318 | Haematology and clinical blood chemistry in harbour porpoises (Phocoena phocoena) from the inner Danish waters. Environment International, 2020, 143, 105937. | 4.8 | 6 |
| 319 | Feeding habits of Baffin Bay polar bears Ursus maritimus: insight from stable isotopes and total mercury in hair. Marine Ecology - Progress Series, 2021, 677, 233-244. | 0.9 | 6 |
| 320 | Candling and Field Atlas of Early Egg Development in Common Eiders Somateria Mollissima in the Central Baltic. Acrocephalus, 2018, 39, 85-90. | 0.5 | 6 |
| 321 | Prevalence of skull pathologies in European harbor seals (Phoca vitulina) during 1981â€“2014. Mammal Research, 2018, 63, 55-63. | 0.6 | 5 |
| 322 | Effects of biometrics, location and persistent organic pollutants on blood clinical-chemical parameters in polar bears (Ursus maritimus) from Svalbard, Norway. Environmental Research, 2018, 165, 387-399. | 3.7 | 5 |
| 323 | Pig slurry needs modifications to be a sustainable fertilizer in crop production. Environmental Research, 2019, 178, 108718. | 3.7 | 5 |
| 324 | Denmark defies EU neonicotinoid ban. Science, 2019, 363, 938-938. | 6.0 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 325 | Mandibular shape in farmed Arctic foxes (Vulpes lagopus) exposed to persistent organic pollutants. Science of the Total Environment, 2019, 646, 1063-1068. | 3.9 | 5 |
| 326 | Variation in skull bone mineral density of ringed seals (Phoca hispida) from the Gulf of Bothnia and West Greenland between 1829 and 2019. Environment International, 2020, 143, 105968. | 4.8 | 5 |
| 327 | Lead isotopic signatures in blood from incubating common eiders (Somateria mollissima) in the central Baltic Sea. Environment International, 2020, 142, 105874. | 4.8 | 5 |
| 328 | Protect Denmarkâ€™s groundwater from pesticides. Nature, 2018, 562, 192-192. | 13.7 | 5 |
| 329 | Hunting with Lead Ammunition: A One Health Perspective. , 2022, , 439-468. | | 5 |
| 330 | An assessment of mercury and its dietary drivers in fur of Arctic wolves from Greenland and High Arctic Canada. Science of the Total Environment, 2022, 838, 156171. | 3.9 | 5 |
| 331 | Special issue on the AMAP 2021 assessment of mercury in the Arctic. Science of the Total Environment, 2022, 843, 157020. | 3.9 | 5 |
| 332 | AN IMMUNOHISTOCHEMICAL STUDY OF RETINOL-BINDING PROTEIN (RBP) IN LIVERS OF FREE-LIVING POLAR BEARS (URSUS MARITIMUS) FROM EAST GREENLAND. Journal of Zoo and Wildlife Medicine, 2005, 36, 440-446. | 0.3 | 4 |
| 333 | Trade war threatens sustainability. Science, 2019, 364, 1242-1243. | 6.0 | 4 |
| 334 | Response to L. Witting: PCBs still a major risk for global killer whale populations. Marine Mammal Science, 2019, 35, 1201-1206. | 0.9 | 4 |
| 335 | Aviation, melting sea-ice and polar bears. Environment International, 2019, 133, 105279. | 4.8 | 4 |
| 336 | Changes in blood biochemistry of incubating Baltic Common Eiders (Somateria mollisima). Journal of Ornithology, 2020, 161, 25-33. | 0.5 | 4 |
| 337 | Seroprevalence of avian influenza in Baltic common eiders (Somateria mollissima) and pink-footed geese (Anser brachyrhynchus). Environment International, 2020, 142, 105873. | 4.8 | 4 |
| 338 | Seize China's momentum to protect pangolins. Science, 2021, 371, 1214-1214. | 6.0 | 4 |
| 339 | Mexico's final death blow to the vaquita. Science, 2021, 373, 863-864. | 6.0 | 4 |
| 340 | Environmental and life-history factors influence inter-colony multidimensional niche metrics of a breeding Arctic marine bird. Science of the Total Environment, 2021, 796, 148935. | 3.9 | 4 |
| 341 | A comparative study on physicochemical properties, pyrolytic behaviour and kinetic parameters of environmentally harmful aquatic weeds for sustainable shellfish aquaculture. Journal of Hazardous Materials, 2022, 424, 127329. | 6.5 | 4 |
| 342 | Pathology and Plasma Biochemistry of Common Eider (Somateria mollissima) Males Wintering in the Danish Part of the Western Baltic. , 2019, 33, 302. | | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 343 | A gloomy future for light-bellied brent geese in TusenÃ¸yane, Svalbard, under a changing predator regime. Polar Research, 2019, 38, . | 1.6 | 4 |
| 344 | Validation of quantitative fatty acid signature analysis for estimating the diet composition of free-ranging killer whales. Scientific Reports, 2022, 12, 7938. | 1.6 | 4 |
| 345 | Thyroid hormones and deiodinase activities in plasma and tissues from East Greenland polar bears (Ursus maritimus) during winter season. Polar Biology, 2015, 38, 1285-1296. | 0.5 | 3 |
| 346 | Stress management versus cognitive restructuring: A randomized clinical study on traumatized refugees. European Psychiatry, 2016, 33, S399-S340. | 0.1 | 3 |
| 347 | Blood clinical-chemical parameters and feeding history in growing Japanese quail (Coturnix) Tj ETQq1 1 0.784314 rgBT /Overlock 1 ovo. Toxicological and Environmental Chemistry, 2017, 99, 938-952. | 0.6 | 3 |
| 348 | Immune function in arctic mammals: Natural killer (NK) cell-like activity in polar bear, muskox and reindeer. Veterinary Immunology and Immunopathology, 2018, 195, 72-75. | 0.5 | 3 |
| 349 | Histology of Sculpin spp. in East Greenland. II. Histopathology and trace element concentrations. Toxicological and Environmental Chemistry, 2018, 100, 769-784. | 0.6 | 3 |
| 350 | Histology of Sculpin spp. in east Greenland. I. Histological measures. Toxicological and Environmental Chemistry, 2018, 100, 607-628. | 0.6 | 3 |
| 351 | Immunotoxic Effects of Environmental Pollutants in Marine Mammals. , 2018, , 321-343. | | 3 |
| 352 | Thousands of Danish children find ten new bacteria species. Nature, 2019, 567, 31-31. | 13.7 | 3 |
| 353 | New funds needed to cover open-access costs. Nature, 2019, 575, 51-51. | 13.7 | 3 |
| 354 | 3Rs as part of preclinical neuropsychiatric translational crisis, and ARRIVE guidelines as part of solution. Acta Neuropsychiatrica, 2019, 31, 348-349. | 1.0 | 3 |
| 355 | Trichodinid infections in internal organs of shorthorn sculpin (Myoxocephalus scorpius) collected around an industrial harbour in Nuuk, Greenland. Parasitology, 2019, 146, 506-510. | 0.7 | 3 |
| 356 | Variation in non-metrical skull traits of polar bears (Ursus maritimus) and relationships across East Greenland and adjacent subpopulations (1830â€“2013). Polar Biology, 2019, 42, 461-474. | 0.5 | 3 |
| 357 | South Koreaâ€™s big move to hydrogen society. Cogent Environmental Science, 2020, 6, . | 1.6 | 3 |
| 358 | European eel population at risk of collapse. Science, 2021, 372, 1271-1271. | 6.0 | 3 |
| 359 | Set sustainable goals for the Arctic gateway coordinated international governance is required to resist yet another tipping point. Science of the Total Environment, 2021, 776, 146003. | 3.9 | 3 |
| 360 | Splenic and renal melanomacrophage centers in shorthorn sculpins (Myoxocephalus scorpius) in Nuuk harbor, West Greenland. Polar Biology, 2021, 44, 2011-2021. | 0.5 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 361 | Comparison of the Enantiomer Distribution of Chiral Organochlorine Contaminants in Captive West Greenland Sled Dogs and Polar Bears from Baffin Bay. ACS Symposium Series, 2011, , 45-63. | 0.5 | 2 |
| 362 | Reply to Tillitt et al. 2012: Thiamine deficiency: A viable hypothesis for paralytic syndrome in Baltic birds. Science of the Total Environment, 2012, 433, 563-564. | 3.9 | 2 |
| 363 | Morphometric, molecular and histopathologic description of hepatic infection by Orthosplanchnus arcticus (Trematoda: Digenea: Brachycladiidae) in ringed seals (Pusa hispida) from Northwest Greenland. Polar Biology, 2018, 41, 1019-1025. | 0.5 | 2 |
| 364 | Prevalence of antibodies against Brucella spp. in West Greenland polar bears (Ursus maritimus) and East Greenland muskoxen (Ovibos moschatus). Polar Biology, 2018, 41, 1671-1680. | 0.5 | 2 |
| 365 | Killer whales call for further protection. Environment International, 2019, 126, 443-444. | 4.8 | 2 |
| 366 | Sled Dogs as Sentinel Species for Monitoring Arctic Ecosystem Health. , 2020, , 21-45. | | 2 |
| 367 | One wolf shot in Denmark is too many. Nature, 2018, 558, 519-519. | 13.7 | 2 |
| 368 | Deposition-mediated phytoremediation of nitrogen oxide emissions. Environmental Pollution, 2022, 308, 119706. | 3.7 | 2 |
| 369 | Monitoring Temperature and Heart Rate during Surgical Field Implantation of PTT-100 Satellite Transmitters in Greenland Sea Birds. Veterinary Medicine International, 2011, 2011, 1-5. | 0.6 | 1 |
| 370 | The treatment of traumatised refugees with sertraline versus venlafaxine in combination with psychotherapy â€“ a randomised clinical study. European Psychiatry, 2016, 33, S400-S400. | 0.1 | 1 |
| 371 | Nunavut's ill-advised hunting proposal. Science, 2019, 364, 539-539. | 6.0 | 1 |
| 372 | Environmental management of two of the world's most endangered marine and terrestrial predators: Vaquita and cheetah. Environmental Research, 2020, 190, 109966. | 3.7 | 1 |
| 373 | In Silico Analysis of the Antigenic Properties of Iron-Regulated Proteins against Neisseria meningitidis. Applied Sciences (Switzerland), 2020, 10, 6113. | 1.3 | 1 |
| 374 | Sumatran rhinoceros on the brink of extinction. Science, 2020, 368, 958-958. | 6.0 | 1 |
| 375 | Locust epidemic in Africa raises environmental concerns. Chemosphere, 2021, 270, 129454. | 4.2 | 1 |
| 376 | Air Pollution and Its Association with the Greenland Ice Sheet Melt. Sustainability, 2021, 13, 65. | 1.6 | 1 |
| 377 | Science-informed salmon conservation strategies. Science, 2021, 374, 700-700. | 6.0 | 1 |
| 378 | Element concentrations, histology and serum biochemistry of arctic char (Salvelinus alpinus) and shorthorn sculpins (Myoxocephalus scorpius) in northwest Greenland. Environmental Research, 2022, 208, 112742. | 3.7 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 379 | Xenoestrogenic and dioxin-like activity in blood of East Greenland polar bears (Ursus maritimus). Toxicology Letters, 2013, 221, S116-S117. | 0.4 | 0 |
| 380 | IPY BearHealth: Polar Bear (Ursus maritimus) Circumpolar Health Assessment in Relation to Persistent Pollutants and Climate Change. From Pole To Pole, 2016, , 203-227. | 0.1 | 0 |
| 381 | Anti-parasite treatment and blood biochemistry in raptor nestlings. Canadian Journal of Zoology, 2017, 95, 685-693. | 0.4 | 0 |
| 382 | Polar bear health in environmental science and translational medicine. Environment International, 2018, 121, 296. | 4.8 | 0 |
| 383 | Cold case reopened: finding clues to recurrent mass mortalities in Greenland sled dogs (Canis lupus) Tj ETQq1 1 0.784314 rgBT /Over | 0.5 | 0 |
| 384 | Japans commercial whaling is a threat to public health. Science of the Total Environment, 2019, 680, 10-12. | 3.9 | 0 |
| 385 | Discussion: Early life and lessons learned from mass extinctions. Environmental Research, 2019, 172, 444-445. | 3.7 | 0 |
| 386 | Response to comments on â€œFactors affecting global flow of scientific knowledge in environmental sciencesâ€•by Pourret et al.. Science of the Total Environment, 2020, 721, 136528. | 3.9 | 0 |
| 387 | Circulating trace elements: Comparison between early and late incubation in common eiders (Somateria mollissima) in the central Baltic Sea. Environmental Research, 2020, 191, 110120. | 3.7 | 0 |
| 388 | Be cautious applying carbon-fluorine bonds in drug delivery. Chemosphere, 2020, 248, 125971. | 4.2 | 0 |
| 389 | 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. | 0.4 | 0 |
| 390 | The Danish Polar Bear Skull Collection 1830â€“2016. Arctic, 2017, 70, 334. | 0.2 | 0 |
| 391 | Liver histopathology of Baltic grey seals (Halichoerus grypus) over three decades. Environment International, 2020, 145, 106110. | 4.8 | 0 |
| 392 | Polar Bear (Ursus maritimus). , 2020, , 196-212. | | 0 |
| 393 | Number of Primordial Follicles in Juvenile Ringed Seals (Pusa hispida) from the Gulf of Bothnia and West Greenland. Animals, 2022, 12, 669. | 1.0 | 0 |