

Christian Sonne

List of Publications by Year in Descending Order

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

383
papers

10,882
citations

54
h-index

88
g-index

401
ext. papers

13,446
ext. citations

9.7
avg, IF

6.61
L-index

#	Paper	IF	Citations
383	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	11	1
382	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	10.2	4
381	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	7.9	
380	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	16.2	2
379	Advanced nanocellulose-based gas barrier materials: Present status and prospects. <i>Chemosphere</i> , 2022 , 286, 131891	8.4	9
378	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	12.8	1
377	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	12.8	10
376	Valorisation of biomass and diaper waste into a sustainable production of the medical mushroom Lingzhi <i>Ganoderma lucidum</i> . <i>Chemosphere</i> , 2022 , 286, 131477	8.4	7
375	Elevation in wildfire frequencies with respect to the climate change. <i>Journal of Environmental Management</i> , 2022 , 301, 113769	7.9	4
374	Progress and challenges in sensing of mycotoxins using molecularly imprinted polymers.. <i>Environmental Pollution</i> , 2022 , 119218	9.3	2
373	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 , 154968	10.2	0
372	Environmental perspectives of textile waste, environmental pollution and recycling. <i>Environmental Technology Reviews</i> , 2022 , 11, 62-71	7.7	0
371	Effects of waste-based pyrolysis as heating source: Meta-analyze of char yield and machine learning analysis. <i>Fuel</i> , 2022 , 318, 123578	7.1	2
370	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals.. <i>Science of the Total Environment</i> , 2022 , 829, 154445	10.2	3
369	A scalable and simple lignin-based polymer for ultra-efficient flocculation and sterilization. <i>Separation and Purification Technology</i> , 2022 , 292, 120960	8.3	0
368	Hunting with Lead Ammunition: A One Health Perspective 2022 , 439-468		0
367	Arctic Ecosystems, Wildlife and Man: Threats from Persistent Organic Pollutants and Mercury 2022 , 139-158		1

366	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring.. <i>Science of the Total Environment</i> , 2022 , 155803	10.2	2
365	Sustainable management of municipal solid waste through waste-to-energy technologies.. <i>Bioresource Technology</i> , 2022 , 355, 127247	11	3
364	Validation of quantitative fatty acid signature analysis for estimating the diet composition of free-ranging killer whales.. <i>Scientific Reports</i> , 2022 , 12, 7938	4.9	0
363	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	10.2	1
362	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	10.2	0
361	Science-informed salmon conservation strategies. <i>Science</i> , 2021 , 374, 700	33.3	0
360	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> , 2021 , 427, 127903	12.8	4
359	Air Pollution and Its Association with the Greenland Ice Sheet Melt. <i>Sustainability</i> , 2021 , 13, 65	3.6	1
358	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	10.3	5
357	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> , 2021 , 132679	8.4	0
356	Perspectives on phytoremediation of zinc pollution in air, water and soil. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 24, 100550	3.9	3
355	Seize China's momentum to protect pangolins. <i>Science</i> , 2021 , 371, 1214	33.3	4
354	Enzymatic conversion of pretreated lignocellulosic biomass: A review on influence of structural changes of lignin. <i>Bioresource Technology</i> , 2021 , 324, 124631	11	47
353	Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. <i>Environmental Science & Technology</i> , 2021 , 55, 4923-4931	10.3	3
352	Emerging contaminants and biological effects in Arctic wildlife. <i>Trends in Ecology and Evolution</i> , 2021 , 36, 421-429	10.9	8
351	Analysis of narwhal tusks reveals lifelong feeding ecology and mercury exposure. <i>Current Biology</i> , 2021 , 31, 2012-2019.e2	6.3	7
350	Locust epidemic in Africa raises environmental concerns. <i>Chemosphere</i> , 2021 , 270, 129454	8.4	1
349	Mercury and neurochemical biomarkers in multiple brain regions of five Arctic marine mammals. <i>NeuroToxicology</i> , 2021 , 84, 136-145	4.4	1

348	A review of dietary phytochemicals and their relation to oxidative stress and human diseases. <i>Chemosphere</i> , 2021 , 271, 129499	8.4	15
347	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	5.1	3
346	Mercury exposure and risk assessment for Eurasian otters (<i>Lutra lutra</i>) in Denmark. <i>Chemosphere</i> , 2021 , 272, 129608	8.4	2
345	European eel population at risk of collapse. <i>Science</i> , 2021 , 372, 1271	33.3	1
344	An Overview on the Conversion of Forest Biomass into Bioenergy. <i>Frontiers in Energy Research</i> , 2021 , 9,	3.8	6
343	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		
342	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	10.2	1
341	A schematic sampling protocol for contaminant monitoring in raptors. <i>Ambio</i> , 2021 , 50, 95-100	6.5	10
340	Emerging nanobiotechnology in agriculture for the management of pesticide residues. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123369	12.8	42
339	A review on phytoremediation of contaminants in air, water and soil. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123658	12.8	78
338	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	16.2	96
337	A review on the deteriorating situation of smog and its preventive measures in Pakistan. <i>Journal of Cleaner Production</i> , 2021 , 279, 123676	10.3	14
336	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	12.8	33
335	A chronicle of SARS-CoV-2: Seasonality, environmental fate, transport, inactivation, and antiviral drug resistance. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124043	12.8	46
334	Progress in waste valorization using advanced pyrolysis techniques for hydrogen and gaseous fuel production. <i>Bioresource Technology</i> , 2021 , 320, 124299	11	38
333	Hydrogen production and heavy metal immobilization using hyperaccumulators in supercritical water gasification. <i>Journal of Hazardous Materials</i> , 2021 , 402, 123541	12.8	21
332	Recent advances in asphaltene transformation in heavy oil hydroprocessing: Progress, challenges, and future perspectives. <i>Fuel Processing Technology</i> , 2021 , 213, 106681	7.2	8
331	Phytoremediation of radionuclides in soil, sediments and water. <i>Journal of Hazardous Materials</i> , 2021 , 407, 124771	12.8	21

330	Recycling of aquaculture wastewater and sediment for sustainable corn and water spinach production. <i>Chemosphere</i> , 2021 , 268, 129329	8.4	3
329	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	12.9	8
328	Covid-19 pandemic in the lens of food safety and security. <i>Environmental Research</i> , 2021 , 193, 110405	7.9	24
327	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	3.2	1
326	The Baltic Sea: An ecosystem with multiple stressors. <i>Environment International</i> , 2021 , 147, 106324	12.9	3
325	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	12.8	7
324	Mexico's final death blow to the vaquita. <i>Science</i> , 2021 , 373, 863-864	33.3	3
323	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	2	2
322	Antidrug resistance in the Indian ambient waters of Ahmedabad during the COVID-19 pandemic. <i>Journal of Hazardous Materials</i> , 2021 , 416, 126125	12.8	13
321	Using nucleophilic naphthol derivatives to suppress biomass lignin repolymerization in fermentable sugar production. <i>Chemical Engineering Journal</i> , 2021 , 420, 130258	14.7	11
320	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	14.7	33
319	Progress in microbial biomass conversion into green energy. <i>Chemosphere</i> , 2021 , 281, 130835	8.4	9
318	Omics technologies used in pesticide residue detection and mitigation in crop. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126624	12.8	7
317	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	10.6	5
316	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	10.2	1
315	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	16.2	5
314	Ultrastructural change in lignocellulosic biomass during hydrothermal pretreatment. <i>Bioresource Technology</i> , 2021 , 341, 125807	11	11
313	Production of modified biochar to treat landfill leachate using integrated microwave pyrolytic CO ₂ activation. <i>Chemical Engineering Journal</i> , 2021 , 425, 131886	14.7	5

312	Sources, distribution and effects of rare earth elements in the marine environment: Current knowledge and research gaps. <i>Environmental Pollution</i> , 2021 , 291, 118230	9.3	3
311	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	16.2	3
310	Nanomaterial-based aptasensors as an efficient substitute for cardiovascular disease diagnosis: Future of smart biosensors. <i>Biosensors and Bioelectronics</i> , 2021 , 193, 113617	11.8	5
309	TEMPO-oxidized cellulose nanofibers/polyacrylamide hybrid hydrogel with intrinsic self-recovery and shape memory properties. <i>Cellulose</i> , 2021 , 28, 1469-1488	5.5	25
308	South Korea's big move to hydrogen society. <i>Cogent Environmental Science</i> , 2020 , 6, 1856459	1.6	1
307	One Health or Planetary Health for pandemic prevention?. <i>Lancet, The</i> , 2020 , 396, 1882	4.0	11
306	Organohalogen compounds of emerging concern in Baltic Sea biota: Levels, biomagnification potential and comparisons with legacy contaminants. <i>Environment International</i> , 2020 , 144, 106037	12.9	24
305	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	12.9	7
304	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	12.8	49
303	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 & Technology</i> , 2020 , 54, 7388-7397	10.3	12
302	Sumatran rhinoceros on the brink of extinction. <i>Science</i> , 2020 , 368, 958	33.3	0
301	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	11	8
300	A review on valorization of oyster mushroom and waste generated in the mushroom cultivation industry. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123156	12.8	30
299	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	12.9	3
298	Development of formaldehyde-free bio-board produced from mushroom mycelium and substrate waste. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123296	12.8	13
297	Processed Bamboo as a Novel Formaldehyde-Free High-Performance Furniture Biocomposite. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 30824-30832	9.5	14
296	Fluorine Mass Balance and Suspect Screening in Marine Mammals from the Northern Hemisphere. <i>Environmental Science & Technology</i> , 2020 , 54, 4046-4058	10.3	34
295	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	12.9	14

294	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	4.3	9
293	Soil and geologic formations as antidotes for CO2 sequestration?. <i>Soil Use and Management</i> , 2020 , 36, 355-357	3.1	7
292	Bioaccumulation potential of bisphenols and benzophenone UV filters: A multiresidue approach in raptor tissues. <i>Science of the Total Environment</i> , 2020 , 741, 140330	10.2	8
291	Deforestation of rainforests requires active use of UN's Sustainable Development Goals. <i>Science of the Total Environment</i> , 2020 , 742, 140681	10.2	10
290	Arctic-adapted dogs emerged at the Pleistocene-Holocene transition. <i>Science</i> , 2020 , 368, 1495-1499	33.3	28
289	COVID-19's unsustainable waste management. <i>Science</i> , 2020 , 368, 1438	33.3	77
288	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	12.9	2
287	Potential Emergence of Antiviral-Resistant Pandemic Viruses via Environmental Drug Exposure of Animal Reservoirs. <i>Environmental Science & Technology</i> , 2020 , 54, 8503-8505	10.3	35
286	High capacity oil absorbent wood prepared through eco-friendly deep eutectic solvent delignification. <i>Chemical Engineering Journal</i> , 2020 , 401, 126150	14.7	40
285	Lead concentrations in blood from incubating common eiders (<i>Somateria mollissima</i>) in the Baltic Sea. <i>Environment International</i> , 2020 , 137, 105582	12.9	5
284	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	9.3	4
283	A review of pathogens in selected Baltic Sea indicator species. <i>Environment International</i> , 2020 , 137, 105565	12.9	12
282	Development and evaluation of zinc oxide-blended kenaf fiber biocomposite for automotive applications. <i>Materials Today Communications</i> , 2020 , 24, 101008	2.5	16
281	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	7.9	12
280	Valorization of biomass waste to engineered activated biochar by microwave pyrolysis: Progress, challenges, and future directions. <i>Chemical Engineering Journal</i> , 2020 , 389, 124401	14.7	254
279	Wildfire puts koalas at risk of extinction. <i>Science</i> , 2020 , 367, 750	33.3	5
278	Support Austria's glyphosate ban. <i>Science</i> , 2020 , 367, 257-258	33.3	8
277	Be cautious applying carbon-fluorine bonds in drug delivery. <i>Chemosphere</i> , 2020 , 248, 125971	8.4	

276	Simultaneous removal of toxic ammonia and lettuce cultivation in aquaponic system using microwave pyrolysis biochar. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122610	12.8	50
275	A review on mobile phones as bacterial reservoirs in healthcare environments and potential device decontamination approaches. <i>Environmental Research</i> , 2020 , 186, 109569	7.9	7
274	Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. <i>Environment International</i> , 2020 , 139, 105725	12.9	30
273	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	16.2	70
272	Polar Bear (<i>Ursus maritimus</i>) 2020 , 196-212		
271	Liver histopathology of Baltic grey seals (<i>Halichoerus grypus</i>) over three decades. <i>Environment International</i> , 2020 , 145, 106110	12.9	
270	Sled Dogs as Sentinel Species for Monitoring Arctic Ecosystem Health 2020 , 21-45		2
269	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	11	32
268	First predatory journals, now conferences: The need to establish lists of fake conferences. <i>Science of the Total Environment</i> , 2020 , 715, 136990	10.2	7
267	Denmark recycling plan will cut waste by two-thirds. <i>Nature</i> , 2020 , 584, 192	50.4	7
266	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	7.9	9
265	Factors affecting global flow of scientific knowledge in environmental sciences. <i>Science of the Total Environment</i> , 2020 , 701, 135012	10.2	6
264	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	10.2	
263	High-pressure CO ₂ hydrothermal pretreatment of peanut shells for enzymatic hydrolysis conversion into glucose. <i>Chemical Engineering Journal</i> , 2020 , 385, 123949	14.7	33
262	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	2.1	5
261	Stranded cetaceans warn of high perfluoroalkyl substance pollution in the western Mediterranean Sea. <i>Environmental Pollution</i> , 2020 , 267, 115367	9.3	6
260	Core-shell structured molecularly imprinted materials for sensing applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 133, 116043	14.6	25
259	A review of historical and recent locust outbreaks: Links to global warming, food security and mitigation strategies. <i>Environmental Research</i> , 2020 , 191, 110046	7.9	29

258	A review on production of lignin-based βcculants: Sustainable feedstock and low carbon footprint applications. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 134, 110384	16.2	19
257	Health assessment of harbour porpoises (PHOCOENA PHOCOENA) from Baltic area of Denmark, Germany, Poland and Latvia. <i>Environment International</i> , 2020 , 143, 105904	12.9	10
256	Body mass, mercury exposure, biochemistry and untargeted metabolomics of incubating common eiders (Somateria mollissima) in three Baltic colonies. <i>Environment International</i> , 2020 , 142, 105866	12.9	3
255	Haematology and clinical blood chemistry in harbour porpoises (Phocoena phocoena) from the inner Danish waters. <i>Environment International</i> , 2020 , 143, 105937	12.9	2
254	Circulating trace elements: Comparison between early and late incubation in common eiders (Somateria mollissima) in the central Baltic Sea. <i>Environmental Research</i> , 2020 , 191, 110120	7.9	
253	Climate-associated drivers of plasma cytokines and contaminant concentrations in Beaufort Sea polar bears (Ursus maritimus). <i>Science of the Total Environment</i> , 2020 , 745, 140978	10.2	4
252	Environmental management of two of the world's most endangered marine and terrestrial predators: Vaquita and cheetah. <i>Environmental Research</i> , 2020 , 190, 109966	7.9	
251	Variation in skull bone mineral density of ringed seals (Phoca hispida) from the Gulf of Bothnia and West Greenland between 1829 and 2019. <i>Environment International</i> , 2020 , 143, 105968	12.9	2
250	Ban unsustainable mink production. <i>Science</i> , 2020 , 370, 539	33.3	13
249	In Silico Analysis of the Antigenic Properties of Iron-Regulated Proteins against Neisseria meningitidis. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6113	2.6	0
248	COVID-19: Resource recovery from plastic waste against plastic pollution. <i>Cogent Environmental Science</i> , 2020 , 6, 1801220	1.6	7
247	Changes in blood biochemistry of incubating Baltic Common Eiders (Somateria mollissima). <i>Journal of Ornithology</i> , 2020 , 161, 25-33	1.5	4
246	Engineered biochar via microwave CO and steam pyrolysis to treat carcinogenic Congo red dye. <i>Journal of Hazardous Materials</i> , 2020 , 395, 122636	12.8	83
245	Plasma protein fractions in free-living white-tailed eagle (Haliaeetus albicilla) nestlings from Norway. <i>BMC Veterinary Research</i> , 2019 , 15, 290	2.7	5
244	Florida lagoon at risk of ecosystem collapse. <i>Science</i> , 2019 , 365, 991-992	33.3	8
243	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. <i>Science of the Total Environment</i> , 2019 , 696, 133792	10.2	103
242	Environmental contaminants modulate the transcriptional activity of polar bear (Ursus maritimus) and human peroxisome proliferator-activated receptor alpha (PPARA). <i>Scientific Reports</i> , 2019 , 9, 6918	4.9	8
241	Temporal trends of mercury differ across three northern white-tailed eagle (Haliaeetus albicilla) subpopulations. <i>Science of the Total Environment</i> , 2019 , 687, 77-86	10.2	10

240	Bioaccumulation and biomagnification of perfluoroalkyl acids and precursors in East Greenland polar bears and their ringed seal prey. <i>Environmental Pollution</i> , 2019 , 252, 1335-1343	9.3	38
239	Cold case reopened: finding clues to recurrent mass mortalities in Greenland sled dogs (<i>Canis lupus familiaris borealis</i>). <i>Polar Biology</i> , 2019 , 42, 1411-1413	2	
238	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	10.2	8
237	Human exposure to PFOS and mercury through meat from baltic harbour seals (<i>Phoca vitulina</i>). <i>Environmental Research</i> , 2019 , 175, 376-383	7.9	4
236	Nunavut's ill-advised hunting proposal. <i>Science</i> , 2019 , 364, 539	33.3	
235	Japans commercial whaling is a threat to public health. <i>Science of the Total Environment</i> , 2019 , 680, 10-12	10.2	
234	Mucous cell responses to contaminants and parasites in shorthorn sculpins (<i>Myoxocephalus scorpius</i>) from a former lead-zinc mine in West Greenland. <i>Science of the Total Environment</i> , 2019 , 678, 207-216	10.2	11
233	Denmark defies EU neonicotinoid ban. <i>Science</i> , 2019 , 363, 938	33.3	1
232	Accumulation of Short-, Medium-, and Long-Chain Chlorinated Paraffins in Marine and Terrestrial Animals from Scandinavia. <i>Environmental Science & Technology</i> , 2019 , 53, 3526-3537	10.3	55
231	Killer whales call for further protection. <i>Environment International</i> , 2019 , 126, 443-444	12.9	1
230	Age and seasonal variation in testis and baculum morphology in East Greenland polar bears (<i>Ursus maritimus</i>) in relation to high concentrations of persistent organic pollutants. <i>Environmental Research</i> , 2019 , 173, 246-254	7.9	4
229	Discussion: Early life and lessons learned from mass extinctions. <i>Environmental Research</i> , 2019 , 172, 444-445	7.9	5
228	Lead and Other Trace Elements in Danish Birds of Prey. <i>Archives of Environmental Contamination and Toxicology</i> , 2019 , 77, 359-367	3.2	9
227	Are vitamins A and E associated with persistent organic pollutants and fatty acids in the blubber of highly contaminated killer whales (<i>Orcinus orca</i>) from Greenland?. <i>Environmental Research</i> , 2019 , 177, 108602	7.9	5
226	The influence of natural variation and organohalogenated contaminants on physiological parameters in white-tailed eagle (<i>Haliaeetus albicilla</i>) nestlings from Norway. <i>Environmental Research</i> , 2019 , 177, 108586	7.9	4
225	Bioaccumulation of rare earth elements in juvenile arctic char (<i>Salvelinus alpinus</i>) under field experimental conditions. <i>Science of the Total Environment</i> , 2019 , 688, 529-535	10.2	4
224	Trade war threatens sustainability. <i>Science</i> , 2019 , 364, 1242-1243	33.3	4
223	Response to L. Witting: PCBs still a major risk for global killer whale populations. <i>Marine Mammal Science</i> , 2019 , 35, 1201-1206	1.9	4

222	White-Tailed Eagle () Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. <i>Environmental Science & Technology</i> , 2019 , 53, 12744-12753	10.3	27
221	Using citizen science to speed up plastic collection and mapping of urban noise: Lessons learned from Denmark. <i>Marine Pollution Bulletin</i> , 2019 , 149, 110591	6.7	4
220	New funds needed to cover open-access costs. <i>Nature</i> , 2019 , 575, 51	50.4	2
219	Aviation, melting sea-ice and polar bears. <i>Environment International</i> , 2019 , 133, 105279	12.9	2
218	Pig slurry needs modifications to be a sustainable fertilizer in crop production. <i>Environmental Research</i> , 2019 , 178, 108718	7.9	3
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216	A gloomy future for light-bellied brent geese in Tusenøya, Svalbard, under a changing predator regime. <i>Polar Research</i> , 2019 , 38,	2	2
215	Discussion: Illegal kills of protected wolves call for public reasoning. <i>Science of the Total Environment</i> , 2019 , 665, 617-619	10.2	3
214	Characterisation and 3D structure of melanomacrophage centers in shorthorn sculpins (<i>Myoxocephalus scorpius</i>). <i>Tissue and Cell</i> , 2019 , 57, 34-41	2.7	14
213	State of knowledge on current exposure, fate and potential health effects of contaminants in polar bears from the circumpolar Arctic. <i>Science of the Total Environment</i> , 2019 , 664, 1063-1083	10.2	80
212	3Rs as part of preclinical neuropsychiatric translational crisis, and ARRIVE guidelines as part of solution. <i>Acta Neuropsychiatrica</i> , 2019 , 31, 348-349	3.9	2
211	Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20191929	4.4	19
210	Time to ban lead hunting ammunition. <i>Science</i> , 2019 , 366, 961-962	33.3	4
209	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. <i>Science of the Total Environment</i> , 2019 , 649, 99-110	10.2	113
208	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	2.7	3
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205	Discussion: Peer-review under siege. <i>Science of the Total Environment</i> , 2019 , 651, 1180-1181	10.2	4

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203	Persistent organic pollutants and penile bone mineral density in East Greenland and Canadian polar bears (<i>Ursus maritimus</i>) during 1996-2015. <i>Environment International</i> , 2018 , 114, 212-218	12.9	11
202	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	2	6
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197	Persistent organic pollutants, skull size and bone density of polar bears (<i>Ursus maritimus</i>) from East Greenland 1892-2015 and Svalbard 1964-2004. <i>Environmental Research</i> , 2018 , 162, 74-80	7.9	14
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181	Population genomics of grey wolves and wolf-like canids in North America. <i>PLoS Genetics</i> , 2018 , 14, e1007745	26	
180	Predicting global killer whale population collapse from PCB pollution. <i>Science</i> , 2018 , 361, 1373-1376	33.3	150
179	Polar bear health in environmental science and translational medicine. <i>Environment International</i> , 2018 , 121, 296	12.9	
178	Pollution threatens toothed whales. <i>Science</i> , 2018 , 361, 1208	33.3	17
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155	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	12.9	11
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153	Immunotoxic effects of environmental pollutants in marine mammals. <i>Environment International</i> , 2016 , 86, 126-39	12.9	208
152	Modeling Population-Level Consequences of Polychlorinated Biphenyl Exposure in East Greenland Polar Bears. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 70, 143-54	3.2	11
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150	Allee effect in polar bears: a potential consequence of polychlorinated biphenyl contamination. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	9
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137	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	2	2
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127	An overview of existing raptor contaminant monitoring activities in Europe. <i>Environment International</i> , 2014 , 67, 12-21	12.9	102
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123	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	1.4	19
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116	Three decades (1983-2010) of contaminant trends in East Greenland polar bears (<i>Ursus maritimus</i>). Part 1: legacy organochlorine contaminants. <i>Environment International</i> , 2013 , 59, 485-93	12.9	66
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109	Trends of perfluorochemicals in Greenland ringed seals and polar bears: indications of shifts to decreasing trends. <i>Chemosphere</i> , 2013 , 93, 1607-14	8.4	76
108	Xenoestrogenic and dioxin-like activity in blood of East Greenland polar bears (<i>Ursus maritimus</i>). <i>Chemosphere</i> , 2013 , 92, 583-91	8.4	15
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90	Measuring environmental stress in East Greenland polar bears, 1892-1927 and 1988-2009: what does hair cortisol tell us?. <i>Environment International</i> , 2012 , 45, 15-21	12.9	58
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88	Two decades of biomonitoring polar bear health in Greenland: a review. <i>Acta Veterinaria Scandinavica</i> , 2012 , 54,	2	60
87	Tissue healing in two harbor porpoises (<i>Phocoena phocoena</i>) following long-term satellite transmitter attachment. <i>Marine Mammal Science</i> , 2012 , 28, E316-E324	1.9	12
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49	Is dietary mercury of neurotoxicological concern to wild polar bears (<i>Ursus maritimus</i>)?. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 133-40	3.8	138
48	Dietary, age and trans-generational effects on the fate of organohalogen contaminants in captive sledge dogs in Greenland. <i>Environment International</i> , 2009 , 35, 56-62	12.9	23
47	Bioaccumulation and biotransformation of brominated and chlorinated contaminants and their metabolites in ringed seals (<i>Pusa hispida</i>) and polar bears (<i>Ursus maritimus</i>) from East Greenland. <i>Environment International</i> , 2009 , 35, 1118-24	12.9	91
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41	Geographic distribution of selected elements in the livers of polar bears from Greenland, Canada and the United States. <i>Environmental Pollution</i> , 2008 , 153, 618-26	9.3	39
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33	Target tissue selectivity and burdens of diverse classes of brominated and chlorinated contaminants in polar bears (<i>Ursus maritimus</i>) from East Greenland. <i>Environmental Science & Technology</i> , 2008 , 42, 752-9	10.3	91
32	Potential correlation between perfluorinated acids and liver morphology in East Greenland polar bears (<i>Ursus maritimus</i>). <i>Toxicological and Environmental Chemistry</i> , 2008 , 90, 275-283	1.4	20
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21	Brominated flame retardants in polar bears (<i>Ursus maritimus</i>) from Alaska, the Canadian Arctic, East Greenland, and Svalbard. <i>Environmental Science & Technology</i> , 2006 , 40, 449-55	10.3	164
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