

Katrin Vorkamp

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92
papers

3,835
citations

31
h-index

61
g-index

95
ext. papers

4,359
ext. citations

7.5
avg, IF

5.58
L-index

#	Paper	IF	Citations
92	Brominated flame retardants in the Arctic environment--trends and new candidates. <i>Science of the Total Environment</i> , 2010 , 408, 2885-918	10.2	570
91	Human internal and external exposure to PBDEs--a review of levels and sources. <i>International Journal of Hygiene and Environmental Health</i> , 2009 , 212, 109-34	6.9	464
90	Degradation of phthalate esters in an activated sludge wastewater treatment plant. <i>Water Research</i> , 2007 , 41, 969-76	12.5	195
89	Preliminary screening of perfluorooctane sulfonate (PFOS) and other fluorochemicals in fish, birds and marine mammals from Greenland and the Faroe Islands. <i>Environmental Pollution</i> , 2005 , 136, 323-9	9.3	152
88	Polybrominated diphenyl ethers in paired samples of maternal and umbilical cord blood plasma and associations with house dust in a Danish cohort. <i>International Journal of Hygiene and Environmental Health</i> , 2010 , 213, 233-42	6.9	137
87	A review of new and current-use contaminants in the Arctic environment: evidence of long-range transport and indications of bioaccumulation. <i>Chemosphere</i> , 2014 , 111, 379-95	8.4	123
86	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
85	Passive Sampling in Regulatory Chemical Monitoring of Nonpolar Organic Compounds in the Aquatic Environment. <i>Environmental Science & Technology</i> , 2016 , 50, 3-17	10.3	106
84	Temporal development of brominated flame retardants in peregrine Falcon (<i>Falco peregrinus</i>) eggs from South Greenland (1986-2003). <i>Environmental Science & Technology</i> , 2005 , 39, 8199-206	10.3	96
83	Persistent halogenated compounds in black guillemots (<i>Cephus grylle</i>) from Greenland--levels, compound patterns and spatial trends. <i>Marine Pollution Bulletin</i> , 2004 , 48, 111-21	6.7	87
82	Novel brominated flame retardants and dechlorane plus in Greenland air and biota. <i>Environmental Pollution</i> , 2015 , 196, 284-91	9.3	85
81	Polybrominated diphenyl ethers (PBDEs) in the indoor environment and associations with prenatal exposure. <i>Environment International</i> , 2011 , 37, 1-10	12.9	85
80	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
79	Chlorobenzenes, chlorinated pesticides, coplanar chlorobiphenyls and other organochlorine compounds in Greenland biota. <i>Science of the Total Environment</i> , 2004 , 331, 157-75	10.2	69
78	An overlooked environmental issue? A review of the inadvertent formation of PCB-11 and other PCB congeners and their occurrence in consumer products and in the environment. <i>Science of the Total Environment</i> , 2016 , 541, 1463-1476	10.2	64
77	Temporal trends of hexabromocyclododecane, polybrominated diphenyl ethers and polychlorinated biphenyls in ringed seals from East Greenland. <i>Environmental Science & Technology</i> , 2011 , 45, 1243-9	10.3	64
76	Placental transfer of the polybrominated diphenyl ethers BDE-47, BDE-99 and BDE-209 in a human placenta perfusion system: an experimental study. <i>Environmental Health</i> , 2010 , 9, 32	6	64

75	Patterns and concentration levels of polybrominated diphenyl ethers (PBDEs) in placental tissue of women in Denmark. <i>Chemosphere</i> , 2009 , 76, 1464-9	8.4	58
74	Polybrominated diphenyl ethers and organochlorine compounds in biota from the marine environment of East Greenland. <i>Science of the Total Environment</i> , 2004 , 331, 143-55	10.2	57
73	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
72	Levels and trends of persistent organic pollutants in ringed seals (<i>Phoca hispida</i>) from Central West Greenland, with particular focus on polybrominated diphenyl ethers (PBDEs). <i>Environment International</i> , 2008 , 34, 499-508	12.9	54
71	Concentrations of organochlorine pesticides, polybrominated diphenyl ethers and perfluorinated compounds in the atmosphere of North Greenland. <i>Environmental Pollution</i> , 2016 , 217, 4-10	9.3	51
70	Reproductive performance in East Greenland polar bears (<i>Ursus maritimus</i>) may be affected by organohalogen contaminants as shown by physiologically-based pharmacokinetic (PBPK) modelling. <i>Chemosphere</i> , 2009 , 77, 1558-68	8.4	51
69	Atmospheric concentrations of organochlorine pesticides, polybrominated diphenyl ethers and polychloronaphthalenes in Nuuk, South-West Greenland. <i>Atmospheric Environment</i> , 2008 , 42, 7293-7303	5.3	50
68	Temporal trend studies on polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in ringed seals from east Greenland. <i>Journal of Environmental Monitoring</i> , 2006 , 8, 1000-5		44
67	An update on analytical methods, quality assurance and quality control used in the Greenland AMAP programme: 1999-2002. <i>Science of the Total Environment</i> , 2004 , 331, 233-45	10.2	44
66	Polybrominated diphenyl ethers and perfluoroalkyl substances in serum of pregnant women: levels, correlations, and potential health implications. <i>Archives of Environmental Contamination and Toxicology</i> , 2014 , 67, 9-20	3.2	41
65	New priority substances of the European Water Framework Directive: biocides, pesticides and brominated flame retardants in the aquatic environment of Denmark. <i>Science of the Total Environment</i> , 2014 , 470-471, 459-68	10.2	40
64	Species-specific time trends and enantiomer fractions of hexabromocyclododecane (HBCD) in biota from East Greenland. <i>Environmental Science & Technology</i> , 2012 , 46, 10549-55	10.3	37
63	Method development for simultaneous analysis of HBCD, TBBPA, and dimethyl-TBBPA in marine biota from Greenland and the Faroe Islands. <i>International Journal of Environmental Analytical Chemistry</i> , 2007 , 87, 1095-1109	1.8	36
62	Biomarkers, matrices and analytical methods targeting human exposure to chemicals selected for a European human biomonitoring initiative. <i>Environment International</i> , 2021 , 146, 106082	12.9	31
61	Temporal trends of contaminants in Arctic char (<i>Salvelinus alpinus</i>) from a small lake, southwest Greenland during a warming climate. <i>Journal of Environmental Monitoring</i> , 2010 , 12, 2252-8		27
60	Levels and trends of current-use pesticides (CUPs) in the arctic: An updated review, 2010-2018. <i>Emerging Contaminants</i> , 2019 , 5, 70-88	5.8	26
59	Dermal uptake and percutaneous penetration of organophosphate esters in a human skin ex vivo model. <i>Chemosphere</i> , 2018 , 197, 185-192	8.4	26
58	Dermal uptake and percutaneous penetration of ten flame retardants in a human skin ex vivo model. <i>Chemosphere</i> , 2016 , 162, 308-14	8.4	26

57	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
56	Current-use halogenated and organophosphorous flame retardants: A review of their presence in Arctic ecosystems. <i>Emerging Contaminants</i> , 2019 , 5, 179-200	5.8	23
55	Polychlorinated biphenyls, organochlorine pesticides and polycyclic aromatic hydrocarbons in a one-off global survey of bivalves. <i>Journal of Environmental Monitoring</i> , 2010 , 12, 1141-52		21
54	Occurrence of organochlorine pesticides in indoor dust. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 522-6		20
53	Temporal trends of selected POPs and the potential influence of climate variability in a Greenland ringed seal population. <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 1706-16	4.3	18
52	Perfluoroalkyl substances (PFASs) and polychlorinated naphthalenes (PCNs) add to the chemical cocktail in peregrine falcon eggs. <i>Science of the Total Environment</i> , 2019 , 648, 894-901	10.2	17
51	Identifying further chemicals of emerging arctic concern based on in silico screening of chemical inventories. <i>Emerging Contaminants</i> , 2019 , 5, 201-210	5.8	17
50	Organochlorines and polybrominated diphenyl ethers in four geographically separated populations of Atlantic salmon (<i>Salmo salar</i>). <i>Journal of Environmental Monitoring</i> , 2007 , 9, 1213-9		17
49	Body burdens of persistent halogenated compounds during different development stages of anadromous brown trout (<i>Salmo trutta</i>). <i>Environmental Science & Technology</i> , 2007 , 41, 5980-5	10.3	17
48	The European human biomonitoring platform - Design and implementation of a laboratory quality assurance/quality control (QA/QC) programme for selected priority chemicals. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 234, 113740	6.9	17
47	A review of chlorinated paraffin contamination in Arctic ecosystems. <i>Emerging Contaminants</i> , 2019 , 5, 219-231	5.8	16
46	Persistent organochlorine compounds in peregrine falcon (<i>Falco peregrinus</i>) eggs from South Greenland: levels and temporal changes between 1986 and 2003. <i>Environment International</i> , 2009 , 35, 336-41	12.9	16
45	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
44	Endosulfan, Short-Chain Chlorinated Paraffins (SCCPs) and Octachlorostyrene in Wildlife from Greenland: Levels, Trends and Methodological Challenges. <i>Archives of Environmental Contamination and Toxicology</i> , 2017 , 73, 542-551	3.2	15
43	Time trends of persistent organic pollutants (POPs) and Chemicals of Emerging Arctic Concern (CEAC) in Arctic air from 25 years of monitoring. <i>Science of the Total Environment</i> , 2021 , 775, 145109	10.2	15
42	Levels and temporal trends of HCH isomers in ringed seals from West and East Greenland. <i>Journal of Environmental Monitoring</i> , 2008 , 10, 935-40		14
41	Fate of methidathion residues in biological waste during anaerobic digestion. <i>Chemosphere</i> , 2002 , 48, 287-97	8.4	13
40	The flame retardant DE-71 (a mixture of polybrominated diphenyl ethers) inhibits human differentiated thyroid cell function in vitro. <i>PLoS ONE</i> , 2017 , 12, e0179858	3.7	13

39	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	12
38	Utilizing the partitioning properties of silicone for the passive sampling of polychlorinated biphenyls (PCBs) in indoor air. <i>Chemosphere</i> , 2016 , 160, 280-6	8.4	12
37	Retrospective determination of primary feeding areas of Atlantic salmon (<i>Salmo salar</i>) using fingerprinting of chlorinated organic contaminants. <i>ICES Journal of Marine Science</i> , 2008 , 65, 921-929	2.7	12
36	Halogenated organic contaminants in marine fish and mussels from southern Greenland--pilot study on relations to trophic levels and local sources. <i>Journal of Environmental Monitoring</i> , 2005 , 7, 127-31		12
35	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
34	Changes in patterns of persistent halogenated compounds through a pelagic food web in the Baltic Sea. <i>Marine Environmental Research</i> , 2012 , 73, 17-24	3.3	10
33	Regulated and Unregulated Halogenated Flame Retardants in Peregrine Falcon Eggs from Greenland. <i>Environmental Science & Technology</i> , 2018 , 52, 474-483	10.3	10
32	Hexachlorobutadiene (HCBd) contamination in the Arctic environment: A review. <i>Emerging Contaminants</i> , 2019 , 5, 116-122	5.8	9
31	Metals and organotins in multiple bivalve species in a one-off global survey. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 1793-802		9
30	Field metabolic rate and PCB adipose tissue deposition efficiency in East Greenland polar bears derived from contaminant monitoring data. <i>PLoS ONE</i> , 2014 , 9, e104037	3.7	9
29	Effects of the Commercial Flame Retardant Mixture DE-71 on Cytokine Production by Human Immune Cells. <i>PLoS ONE</i> , 2016 , 11, e0154621	3.7	9
28	Interlaboratory comparison investigations (ICI) and external quality assurance schemes (EQUAS) for cadmium in urine and blood: Results from the HBM4EU project. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 234, 113711	6.9	9
27	Global emissions of DDT. <i>Science of the Total Environment</i> , 2020 , 742, 140677	10.2	8
26	Assessing microplastic as a vector for chemical entry into fish larvae using a novel tube-feeding approach. <i>Chemosphere</i> , 2021 , 265, 129144	8.4	8
25	Sample preparation techniques for suspect and non-target screening of emerging contaminants. <i>Chemosphere</i> , 2022 , 287, 132306	8.4	8
24	A two-dimensional HPLC separation for the enantioselective determination of hexabromocyclododecane (HBCD) isomers in biota samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6519-27	4.4	7
23	Levels and trends of toxaphene and chlordane-related pesticides in peregrine falcon eggs from South Greenland. <i>Science of the Total Environment</i> , 2014 , 468-469, 614-21	10.2	7
22	Characterisation of organic matter from anaerobic digestion of organic waste by aerobic microbial activity. <i>Bioresource Technology</i> , 2001 , 78, 257-65	11	6

21	Status and trends of circumpolar peregrine falcon and gyrfalcon populations. <i>Ambio</i> , 2020 , 49, 762-783	6.5	6
20	Chemicals of Emerging Arctic Concern: Preface. <i>Emerging Contaminants</i> , 2019 , 5, 1-3	5.8	5
19	Toxaphene in the aquatic environment of Greenland. <i>Environmental Pollution</i> , 2015 , 200, 140-8	9.3	5
18	Organochlorine Fingerprinting to Determine Foraging Areas of Sea-Ranched Atlantic Salmon: A Case Study from Denmark. <i>North American Journal of Fisheries Management</i> , 2009 , 29, 598-603	1.1	5
17	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
16	Risk assessment of added chemicals in plastics in the Danish marine environment. <i>Marine Pollution Bulletin</i> , 2020 , 157, 111298	6.7	4
15	Different organochlorine contaminant profiles in groups of flounders (<i>Platichthys flesus</i>) from sampling locations around Denmark. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012 , 69, 13-23	2.4	4
14	Conceptual framework for a Danish human biomonitoring program. <i>Environmental Health</i> , 2008 , 7 Suppl 1, S3	6	4
13	Interlaboratory comparison investigations (ICIs) and external quality assurance schemes (EQUASs) for flame retardant analysis in biological matrices: Results from the HBM4EU project. <i>Environmental Research</i> , 2021 , 202, 111705	7.9	4
12	Raptors are still affected by environmental pollutants: Greenlandic Peregrines will not have normal eggshell thickness until 2034. <i>Ornis Hungarica</i> , 2018 , 26, 171-176	0.5	3
11	State of the art in the analysis of brominated flame retardants in biota and sediment: insights from the characterisation of two new certified reference materials. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 59105-59118	5.1	2
10	Influence of climate and biological variables on temporal trends of persistent organic pollutants in Arctic char and ringed seals from Greenland. <i>Environmental Sciences: Processes and Impacts</i> , 2020 , 22, 993-1005	4.3	2
9	How to Improve Exposure Assessment 2015 , 77-102		1
8	Fate of the fungicide dodemorph during anaerobic digestion of biological waste. <i>Chemosphere</i> , 2003 , 53, 505-14	8.4	1
7	Influence of climate change on persistent organic pollutants and chemicals of emerging concern in the Arctic: state of knowledge and recommendations for future research.. <i>Environmental Sciences: Processes and Impacts</i> , 2022 ,	4.3	1
6	Interlaboratory Comparison Investigations (ICIs) for human biomonitoring of chromium as part of the quality assurance programme under HBM4EU.. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021 , 70, 126912	4.1	1
5	Critical review of analytical methods for the determination of flame retardants in human matrices.. <i>Analytica Chimica Acta</i> , 2022 , 1193, 338828	6.6	1
4	European interlaboratory comparison investigations (ICI) and external quality assurance schemes (EQUAS) for the analysis of bisphenol A, S and F in human urine: Results from the HBM4EU project.. <i>Environmental Research</i> , 2022 , 112933	7.9	1

- 3 Residual additives in marine microplastics and their risk assessment - A critical review.. *Marine Pollution Bulletin*, **2022**, 177, 113467 6.7 ○
- 2 Persistent organic pollutant exposures among Greenlandic adults in relation to lifestyle and diet: New data from the ACCEPT cohort.. *Science of the Total Environment*, **2022**, 827, 154270 10.2 ○
- 1 A Circumarctic Review of Contaminants in Ringed Seals. *From Pole To Pole*, **2016**, 229-251