Liisa Jantunen

List of Publications by Year in descending order

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87 papers	5,147 citations	66234 42 h-index	91712 69 g-index
89 all docs	89 docs citations	89 times ranked	3533 citing authors

#	Article	IF	Citations
1	Fugitive emissions of polycyclic aromatic compounds from an oil sands tailings pond based on fugacity and inverse dispersion flux calculations. Environmental Pollution, 2021, 269, 116115.	3.7	17
2	Organophosphate Esters in the Canadian Arctic Ocean. Environmental Science & Technology, 2021, 55, 304-312.	4.6	55
3	Spatial and temporal variations of halogenated flame retardants and organophosphate esters in landfill air: Potential linkages with gull exposure. Environmental Pollution, 2021, 271, 116396.	3.7	13
4	Lake Superior Has Lost over 90% of Its Pesticide HCH Load since 1986. Environmental Science & Technology, 2021, 55, 9518-9526.	4.6	8
5	Early Life Exposure to Tris(2-butoxyethyl) Phosphate (TBOEP) Is Related to the Development of Childhood Asthma. Environmental Science and Technology Letters, 2021, 8, 531-537.	3.9	13
6	Early life exposure to phthalates and the development of childhood asthma among Canadian children. Environmental Research, 2021, 197, 110981.	3.7	21
7	Anthropogenic particles (including microfibers and microplastics) in marine sediments of the Canadian Arctic. Science of the Total Environment, 2021, 784, 147155.	3.9	51
8	Novel Bayesian Method to Derive Final Adjusted Values of Physicochemical Properties: Application to 74 Compounds. Environmental Science & Technology, 2021, 55, 12302-12316.	4.6	14
9	Evaluation of the OECD P_{OV} and LRTP screening tool for estimating the long-range transport of organophosphate esters. Environmental Sciences: Processes and Impacts, 2020, 22, 207-216.	1.7	13
10	Can Silicone Passive Samplers be Used for Measuring Exposure of e-Waste Workers to Flame Retardants?. Environmental Science & Technology, 2020, 54, 15277-15286.	4.6	18
11	The Widespread Environmental Footprint of Indigo Denim Microfibers from Blue Jeans. Environmental Science and Technology Letters, 2020, 7, 840-847.	3.9	72
12	Global variability in seawater Mg:Ca and Sr:Ca ratios in the modern ocean. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22281-22292.	3.3	62
13	Phthalates: Relationships between Air, Dust, Electronic Devices, and Hands with Implications for Exposure. Environmental Science & Technology, 2020, 54, 8186-8197.	4.6	60
14	Are We Exposed to Halogenated Flame Retardants from both Primary and Secondary Sources?. Environmental Science and Technology Letters, 2020, 7, 585-593.	3.9	16
15	Measuring exposure of e-waste dismantlers in Dhaka Bangladesh to organophosphate esters and halogenated flame retardants using silicone wristbands and T-shirts. Science of the Total Environment, 2020, 720, 137480.	3.9	34
16	Gas Chromatographic Estimation of Vapor Pressures and Octanolâ€“Air Partition Coefficients of Semivolatile Organic Compounds of Emerging Concern. Journal of Chemical & Engineering Data, 2020, 65, 2467-2475.	1.0	20
17	Investigating the presence and persistence of volatile methylsiloxanes in Arctic sediments. Environmental Sciences: Processes and Impacts, 2020, 22, 908-917.	1.7	8
18	Exposure of Canadian electronic waste dismantlers to flame retardants. Environment International, 2019, 129, 95-104.	4.8	53

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19	Halogenated flame retardants and organophosphate esters in the air of electronic waste recycling facilities: Evidence of high concentrations and multiple exposures. Environment International, 2019, 128, 244-253.	4.8	46
20	A review of halogenated natural products in Arctic, Subarctic and Nordic ecosystems. Emerging Contaminants, 2019, 5, 89-115.	2.2	40
21	Flame retardants and plasticizers in a Canadian waste electrical and electronic equipment (WEEE) dismantling facility. Science of the Total Environment, 2019, 675, 594-603.	3.9	42
22	Levels and trends of current-use pesticides (CUPs) in the arctic: An updated review, 2010â€“2018. Emerging Contaminants, 2019, 5, 70-88.	2.2	52
23	Organophosphate esters in house dust: A comparative study between Canada, Turkey and Egypt.. Science of the Total Environment, 2019, 650, 193-201.	3.9	43
24	Are cell phones an indicator of personal exposure to organophosphate flame retardants and plasticizers?. Environment International, 2019, 122, 104-116.	4.8	66
25	Alternative Flame Retardant, 2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine, in an E-waste Recycling Facility and House Dust in North America. Environmental Science & Technology, 2018, 52, 3599-3607.	4.6	30
26	Passive air sampling of flame retardants and plasticizers in Canadian homes using PDMS, XAD-coated PDMS and PUF samplers. Environmental Pollution, 2018, 239, 109-117.	3.7	72
27	Organophosphate ester (OPEs) flame retardants and plasticizers in air and soil from a highly industrialized city in Turkey. Science of the Total Environment, 2018, 625, 555-565.	3.9	78
28	Organophosphate Ester Transport, Fate, and Emissions in Toronto, Canada, Estimated Using an Updated Multimedia Urban Model. Environmental Science & Technology, 2018, 52, 12465-12474.	4.6	72
29	Examining the Gas-Particle Partitioning of Organophosphate Esters: How Reliable Are Air Measurements?. Environmental Science & Technology, 2018, 52, 13834-13844.	4.6	53
30	Tri(2,4-di-<i>t</i>-butylphenyl) Phosphate: A Previously Unrecognized, Abundant, Ubiquitous Pollutant in the Built and Natural Environment. Environmental Science & Technology, 2018, 52, 12997-13003.	4.6	50
31	Urinary Metabolites of Organophosphate Esters (OPEs) in Electronic Waste Recycling Workers from the Province of Quebec, Canada. ISEE Conference Abstracts, 2018, 2018, .	0.0	1
32	Current use pesticide and legacy organochlorine pesticide dynamics at the ocean-sea ice-atmosphere interface in resolute passage, Canadian Arctic, during winter-summer transition. Science of the Total Environment, 2017, 580, 1460-1469.	3.9	38
33	Isomers of tris(chloropropyl) phosphate (TCPP) in technical mixtures and environmental samples. Analytical and Bioanalytical Chemistry, 2017, 409, 6989-6997.	1.9	19
34	Characterization of polyurethane foam (PUF) and sorbent impregnated PUF (SIP) disk passive air samplers for measuring organophosphate flame retardants. Chemosphere, 2017, 167, 212-219.	4.2	38
35	Polydimethylsiloxane-air partition ratios for semi-volatile organic compounds by GC-based measurement and COSMO-RS estimation: Rapid measurements and accurate modelling. Chemosphere, 2016, 156, 204-211.	4.2	28
36	Distribution of Organophosphate Esters between the Gas and Particle Phaseâ€“Model Predictions vs Measured Data. Environmental Science & Technology, 2016, 50, 6644-6651.	4.6	93

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37	Sea-air exchange of bromoanisoles and methoxylated bromodiphenyl ethers in the Northern Baltic. Marine Pollution Bulletin, 2016, 112, 58-64.	2.3	17
38	From Clothing to Laundry Water: Investigating the Fate of Phthalates, Brominated Flame Retardants, and Organophosphate Esters. Environmental Science & Technology, 2016, 50, 9289-9297.	4.6	77
39	Organophosphate Esters in Canadian Arctic Air: Occurrence, Levels and Trends. Environmental Science & Technology, 2016, 50, 7409-7415.	4.6	144
40	20 Years of Airâ€“Water Gas Exchange Observations for Pesticides in the Western Arctic Ocean. Environmental Science & Technology, 2015, 49, 13844-13852.	4.6	46
41	Compound specific isotope analysis of hexachlorocyclohexane isomers: a method for source fingerprinting and field investigation of in situ biodegradation. Rapid Communications in Mass Spectrometry, 2015, 29, 505-514.	0.7	16
42	The delivery of organic contaminants to the Arctic food web: Why sea ice matters. Science of the Total Environment, 2015, 506-507, 444-452.	3.9	31
43	Determination of Vapor Pressures for Organophosphate Esters. Journal of Chemical & Engineering Data, 2014, 59, 1441-1447.	1.0	35
44	Concentrations in air of organobromine, organochlorine and organophosphate flame retardants in Toronto, Canada. Atmospheric Environment, 2014, 99, 140-147.	1.9	102
45	From the City to the Lake: Loadings of PCBs, PBDEs, PAHs and PCMs from Toronto to Lake Ontario. Environmental Science & Technology, 2014, 48, 3732-3741.	4.6	78
46	Heterogeneous OH Initiated Oxidation: A Possible Explanation for the Persistence of Organophosphate Flame Retardants in Air. Environmental Science & Technology, 2014, 48, 1041-1048.	4.6	102
47	Scavenging Amphipods: Sentinels for Penetration of Mercury and Persistent Organic Chemicals into Food Webs of the Deep Arctic Ocean. Environmental Science & Technology, 2013, 47, 5553-5561.	4.6	18
48	Is There Still â€œNewâ€•DDT in North America? An Investigation Using Proportions of DDT Compounds. ACS Symposium Series, 2013, , 153-181.	0.5	7
49	Chiral Chemicals as Tracers of Atmospheric Sources and Fate Processes in a World of Changing Climate. Mass Spectrometry, 2013, 2, S0019-S0019.	0.2	7
50	Chiral persistent organic pollutants as tracers of atmospheric sources and fate: review and prospects for investigating climate change influences. Atmospheric Pollution Research, 2012, 3, 371-382.	1.8	55
51	Residues of Currently and Never Used Organochlorine Pesticides in Agricultural Soils from Zhejiang Province, China. Journal of Agricultural and Food Chemistry, 2012, 60, 2982-2988.	2.4	71
52	Comparison of micrometeorological and two-film estimates of airâ€“water gas exchange for alpha-hexachlorocyclohexane in the Canadian archipelago. Environmental Science and Pollution Research, 2012, 19, 1908-1914.	2.7	3
53	Airâˆ’Water Exchange of Anthropogenic and Natural Organohalogens on International Polar Year (IPY) Expeditions in the Canadian Arctic. Environmental Science & Technology, 2011, 45, 876-881.	4.6	72
54	Comparison of concentrations and stereoisomer ratios of mecoprop, dichlorprop and metolachlor in Ontario streams, 2006â€“2007 vs. 2003â€“2004. Environmental Pollution, 2010, 158, 1842-1849.	3.7	32

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55	Investigation of source apportioning for Î±-HCH using enantioselective analysis. Environment International, 2010, 36, 316-322.	4.8	17
56	Organochlorine Pesticides and PAHs in the Surface Water and Atmosphere of the North Atlantic and Arctic Ocean. Environmental Science & Technology, 2009, 43, 5633-5639.	4.6	192
57	Enantiomeric Signatures of Organochlorine Pesticides in Asian, Trans-Pacific, and Western U.S. Air Masses. Environmental Science & Technology, 2009, 43, 2806-2811.	4.6	28
58	Organochlorine pesticides and PCBs in air of southern Mexico (2002â€“2004). Atmospheric Environment, 2008, 42, 8810-8818.	1.9	43
59	Organochlorine pesticides in soils and air of southern Mexico: Chemical profiles and potential for soil emissions. Atmospheric Environment, 2008, 42, 7737-7745.	1.9	61
60	Airâ€“water gas exchange of chiral and achiral organochlorine pesticides in the Great Lakes. Atmospheric Environment, 2008, 42, 8533-8542.	1.9	24
61	Hexachlorocyclohexanes (HCHs) In the Canadian Archipelago. 2. Airâ^'Water Gas Exchange of Î±- and Î³-HCH. Environmental Science & Technology, 2008, 42, 465-470.	4.6	67
62	Chiral Current-Use Herbicides in Ontario Streams. Environmental Science & Technology, 2008, 42, 8452-8458.	4.6	19
63	Environmental Fate of Legacy Chiral Pesticides in Background Soils. NATO Science for Peace and Security Series C: Environmental Security, 2008, , 99-112.	0.1	2
64	Organochlorine Pesticides in the Soils and Atmosphere of Costa Rica. Environmental Science & Technology, 2007, 41, 1124-1130.	4.6	104
65	Enantioselective Degradation of Organochlorine Pesticides in Background Soils:Â Variability in Field and Laboratory Studies. Environmental Science & Technology, 2007, 41, 4965-4971.	4.6	41
66	Spatial and Temporal Trends of Chiral Organochlorine Signatures in Great Lakes Air Using Passive Air Samplers. Environmental Science & Technology, 2007, 41, 3877-3883.	4.6	37
67	Henryâ€™s law constants for hexachlorobenzene, p,pâ€²-DDE and components of technical chlordane and estimates of gas exchange for Lake Ontario. Chemosphere, 2006, 62, 1689-1696.	4.2	46
68	Temporal and spatial variabilities of atmospheric polychlorinated biphenyls (PCBs), organochlorine (OC) pesticides and polycyclic aromatic hydrocarbons (PAHs) in the Canadian Arctic: Results from a decade of monitoring. Science of the Total Environment, 2005, 342, 119-144.	3.9	259
69	Interlaboratory study of toxaphene analysis in ambient air. Atmospheric Environment, 2004, 38, 3713-3722.	1.9	17
70	Airâ€“water gas exchange of Î±-hexachlorocyclohexane enantiomers in the South Atlantic Ocean and Antarctica. Deep-Sea Research Part II: Topical Studies in Oceanography, 2004, 51, 2661-2672.	0.6	32
71	Air-Soil and Air-Water Exchange of Chiral Pesticides. ACS Symposium Series, 2003, , 196-225.	0.5	5
72	Henry's law constants for Î±-, Î²-, and Î³-hexachlorocyclohexanes (HCHs) as a function of temperature and revised estimates of gas exchange in Arctic regions. Atmospheric Environment, 2003, 37, 983-992.	1.9	78

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73	Airâ€”water gas exchange of toxaphene in Lake Superior. Environmental Toxicology and Chemistry, 2003, 22, 1229-1237.	2.2	25
74	Airâ€”Soil Exchange of Organochlorine Pesticides in Agricultural Soils. 1. Field Measurements Using a Novel in Situ Sampling Device. Environmental Science & Technology, 2003, 37, 1292-1299.	4.6	146
75	AIRâ€“WATER GAS EXCHANGE OF TOXAPHENE IN LAKE SUPERIOR. Environmental Toxicology and Chemistry, 2003, 22, 1229.	2.2	5
76	SPATIAL DISTRIBUTION OF POLYCHLORINATED NAPHTHALENES IN AIR OVER THE GREAT LAKES AND AIRâ€“WATER GAS EXCHANGE IN LAKE ONTARIO. Environmental Toxicology and Chemistry, 2003, 22, 1937.	2.2	0
77	Air-water gas exchange of toxaphene in Lake Superior. Environmental Toxicology and Chemistry, 2003, 22, 1229-37.	2.2	15
78	Chlordane Enantiomers and Temporal Trends of Chlordane Isomers in Arctic Air. Environmental Science & Technology, 2002, 36, 539-544.	4.6	187
79	The transport of Î²-hexachlorocyclohexane to the western Arctic Ocean: a contrast to Îµ-HCH. Science of the Total Environment, 2002, 291, 229-246.	3.9	138
80	Factors affecting the occurrence and enantiomeric degradation of hexachlorocyclohexane isomers in northern and temperate aquatic systems. Environmental Toxicology and Chemistry, 2001, 20, 2690-2698.	2.2	60
81	Toxaphene, Chlordane, and Other Organochlorine Pesticides in Alabama Air. Environmental Science & Technology, 2000, 34, 5097-5105.	4.6	124
82	Contaminants in the Canadian Arctic: 5 years of progress in understanding sources, occurrence and pathways. Science of the Total Environment, 2000, 254, 93-234.	3.9	600
83	Organochlorine Pesticides and Enantiomers of Chiral Pesticides in Arctic Ocean Water. Archives of Environmental Contamination and Toxicology, 1998, 35, 218-228.	2.1	103
84	Soil as a Source of Atmospheric Heptachlor Epoxide. Environmental Science & Technology, 1998, 32, 1546-1548.	4.6	91
85	Air-water gas exchange of hexachlorocyclohexanes (HCHs) and the enantiomers of Îµ-HCH in Arctic regions. Journal of Geophysical Research, 1996, 101, 28837-28846.	3.3	112
86	Reversal of the Air-Water Gas Exchange Direction of Hexachlorocyclohexanes in the Bering and Chukchi Seas: 1993 versus 1988. Environmental Science & Technology, 1995, 29, 1081-1089.	4.6	124
87	A Long Way From Homeâ€”Industrial Chemicals in the Arctic That Really Should Not Be There. Frontiers for Young Minds, 0, 8, .	0.8	0