

Mikael Harju

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5314748/publications.pdf>

Version: 2024-02-01

29
papers

1,144
citations

471509

17
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

1907
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the climate and air quality impacts of short-lived pollutants. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10529-10566.	4.9	365
2	QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIP MODELING ON IN VITRO ENDOCRINE EFFECTS AND METABOLIC STABILITY INVOLVING 26 SELECTED BROMINATED FLAME RETARDANTS. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 816.	4.3	113
3	Halogenated organic contaminants and their correlations with circulating thyroid hormones in developing Arctic seabirds. <i>Science of the Total Environment</i> , 2012, 414, 248-256.	8.0	54
4	Comprehensive two-dimensional gas chromatography of the 209 polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 2003, 1019, 111-126.	3.7	51
5	A broad cocktail of environmental pollutants found in eggs of three seabird species from remote colonies in Norway. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1296-1308.	4.3	49
6	Comparison of Thermal Sweeper and Cryogenic Modulator Technology for Comprehensive Gas Chromatography. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 253-258.	1.4	48
7	Determination of atropisomeric and planar polychlorinated biphenyls, their enantiomeric fractions and tissue distribution in grey seals using comprehensive 2D gas chromatography. <i>Journal of Chromatography A</i> , 2003, 1019, 127-142.	3.7	40
8	Environmental Chemicals Modulate Polar Bear (<i>Ursus maritimus</i>) Peroxisome Proliferator-Activated Receptor Gamma (PPARG) and Adipogenesis in Vitro. <i>Environmental Science & Technology</i> , 2016, 50, 10708-10720.	10.0	40
9	Determination of the rotational energy barriers of atropisomeric polychlorinated biphenyls. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 364, 219-223.	1.5	36
10	Comprehensive two-dimensional gas chromatography (GC ₂ /GC) of atropisomeric PCBs, combining a narrow bore β -cyclodextrin column and a liquid crystal column. <i>Journal of Separation Science</i> , 2001, 13, 300-305.	1.0	36
11	Shape selectivity: A key factor in comprehensive two-dimensional gas chromatographic analysis of toxic PCBs. <i>Journal of Separation Science</i> , 2001, 13, 306-311.	1.0	36
12	Concentrations and endocrine disruptive potential of phthalates in marine mammals from the Norwegian Arctic. <i>Environment International</i> , 2021, 152, 106458.	10.0	32
13	Ingested plastics in northern fulmars (<i>Fulmarus glacialis</i>): A pathway for polybrominated diphenyl ether (PBDE) exposure?. <i>Science of the Total Environment</i> , 2021, 778, 146313.	8.0	28
14	Multivariate physicochemical characterisation and quantitative structure-property relationship modelling of polybrominated diphenyl ethers. <i>Chemosphere</i> , 2002, 47, 375-384.	8.2	26
15	Contaminants in Atlantic walrus in Svalbard part 1: Relationships between exposure, diet and pathogen prevalence. <i>Environmental Pollution</i> , 2019, 244, 9-18.	7.5	24
16	Effects of temperature and flow regulated carbon dioxide cooling in longitudinally modulated cryogenic systems for comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2002, 962, 127-134.	3.7	22
17	Perfluoroalkylated substances (PFASs) and legacy persistent organic pollutants (POPs) in halibut and shrimp from coastal areas in the far north of Norway: Small survey of important dietary foodstuffs for coastal communities. <i>Marine Pollution Bulletin</i> , 2016, 105, 81-87.	5.0	20
18	Environmental contaminants modulate the transcriptional activity of polar bear (<i>Ursus maritimus</i>) and human peroxisome proliferator-activated receptor alpha (PPARA). <i>Scientific Reports</i> , 2019, 9, 6918.	3.3	16

#	ARTICLE	IF	CITATIONS
19	Multivariate characterization of polycyclic aromatic hydrocarbons using semi-empirical molecule orbital calculations and physical data. <i>Chemosphere</i> , 2003, 50, 627-637.	8.2	15
20	Quantitative structure â€“ Photodegradation relationships of polybrominated diphenyl ethers, phenoxyphenols and selected organochlorines. <i>Chemosphere</i> , 2009, 77, 914-921.	8.2	15
21	Biotransformation of PCBs in Arctic seabirds: Characterization of phase I and II pathways at transcriptional, translational and activity levels. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 34-41.	2.6	15
22	Effect of reduced food intake on toxicokinetics of halogenated organic contaminants in herring gull (<i>Larus argentatus</i>) chicks. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 156-164.	4.3	14
23	Contaminants in Atlantic walruses in Svalbard Part 2: Relationships with endocrine and immune systems. <i>Environmental Pollution</i> , 2019, 246, 658-667.	7.5	12
24	Seabird-Transported Contaminants Are Reflected in the Arctic Tundra, But Not in Its Soil-Dwelling Springtails (Collembola). <i>Environmental Science & Technology</i> , 2019, 53, 12835-12845.	10.0	11
25	A screening of liver, kidney, and thyroid gland morphology in organochlorine-contaminated glaucous gulls (<i>Larus hyperboreus</i>) from Svalbard. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 172-186.	1.2	9
26	Olfactory mucosal toxicity screening and multivariate QSAR modeling for chlorinated benzene derivatives. <i>Archives of Toxicology</i> , 2004, 78, 706-715.	4.2	7
27	Hepatic Gene Expression Profiling of Atlantic Cod (<i>Gadus morhua</i>) Liver after Exposure to Organophosphate Flame Retardants Revealed Altered Cholesterol Biosynthesis and Lipid Metabolism. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1639-1648.	4.3	6
28	Development of methodology for alternative testing strategies for the assessment of the toxicological profile of nanoparticles used in medical diagnostics. NanoTEST â€“ EC FP7 project. <i>Journal of Physics: Conference Series</i> , 2009, 170, 012039.	0.4	3
29	Characterizing cytotoxic and estrogenic activity of Arctic char tissue extracts in primary Arctic char hepatocytes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 1017-1030.	2.3	1