

# Mikael Harju

## List of Publications by Year in descending order

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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  | 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         |
| 2  | 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        |
| 3  | Concentrations and endocrine disruptive potential of phthalates in marine mammals from the Norwegian Arctic. <i>Environment International</i> , 2021, 152, 106458.  | 10.0 | 32        |
| 4  | Seabird-Transported Contaminants Are Reflected in the Arctic Tundra, But Not in Its Soil-Dwelling Springtails ( <i>Collembola</i> ). <i>Environmental Science &amp; Technology</i> , 2019, 53, 12835-12845.   | 10.0 | 11        |
| 5  | 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        |
| 6  | Contaminants in Atlantic walrus in Svalbard Part 2: Relationships with endocrine and immune systems. <i>Environmental Pollution</i> , 2019, 246, 658-667.   | 7.5  | 12        |
| 7  | 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        |
| 8  | 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         |
| 9  | 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        |
| 10 | Environmental Chemicals Modulate Polar Bear ( <i>Ursus maritimus</i> ) Peroxisome Proliferator-Activated Receptor Gamma (PPARG) and Adipogenesis in Vitro. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10708-10720.   | 10.0 | 40        |
| 11 | Evaluating the climate and air quality impacts of short-lived pollutants. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10529-10566.   | 4.9  | 365       |
| 12 | 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        |
| 13 | 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        |
| 14 | 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         |
| 15 | 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        |
| 16 | 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        |
| 17 | Quantitative structure â€” Photodegradation relationships of polybrominated diphenyl ethers, phenoxyphenols and selected organochlorines. <i>Chemosphere</i> , 2009, 77, 914-921.   | 8.2  | 15        |
| 18 | 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         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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       |
| 20 | Olfactory mucosal toxicity screening and multivariate QSAR modeling for chlorinated benzene derivatives. <i>Archives of Toxicology</i> , 2004, 78, 706-715.  | 4.2 | 7         |
| 21 | Comprehensive two-dimensional gas chromatography of the 209 polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 2003, 1019, 111-126.   | 3.7 | 51        |
| 22 | 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        |
| 23 | 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        |
| 24 | Multivariate physicochemical characterisation and quantitative structure–property relationship modelling of polybrominated diphenyl ethers. <i>Chemosphere</i> , 2002, 47, 375-384.  | 8.2 | 26        |
| 25 | 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        |
| 26 | Comprehensive two-dimensional gas chromatography (GC½GC) 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        |
| 27 | 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        |
| 28 | 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        |
| 29 | Determination of the rotational energy barriers of atropisomeric polychlorinated biphenyls. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 364, 219-223.  | 1.5 | 36        |