

# Peter S Haglund

## List of Publications by Citations

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130  
papers

7,050  
citations

42  
h-index

81  
g-index

131  
ext. papers

7,789  
ext. citations

7  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
130	EU-wide monitoring survey on emerging polar organic contaminants in wastewater treatment plant effluents. <i>Water Research</i> , <b>2013</b> , 47, 6475-87	12.5	746
129	Organophosphorus flame retardants and plasticizers in marine and fresh water biota and in human milk. <i>Journal of Environmental Monitoring</i> , <b>2010</b> , 12, 943-51		403
128	Screening of organophosphorus compounds and their distribution in various indoor environments. <i>Chemosphere</i> , <b>2003</b> , 53, 1137-46	8.4	400
127	Non-target screening with high-resolution mass spectrometry: critical review using a collaborative trial on water analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 6237-55	4.4	358
126	Sources, fate, and toxic hazards of oxygenated polycyclic aromatic hydrocarbons (PAHs) at PAH-contaminated sites. <i>Ambio</i> , <b>2007</b> , 36, 475-85	6.5	304
125	Organophosphorus flame retardants and plasticizers in Swedish sewage treatment plants. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 7423-9	10.3	284
124	Identification and Quantification of Polybrominated Diphenyl Ethers and Methoxy-Polybrominated Diphenyl Ethers in Baltic Biota. <i>Environmental Science &amp; Technology</i> , <b>1997</b> , 31, 3281-3287	10.3	258
123	Organophosphorus flame retardants and plasticizers in air from various indoor environments. <i>Journal of Environmental Monitoring</i> , <b>2005</b> , 7, 814-9		185
122	Traffic as a source of organophosphorus flame retardants and plasticizers in snow. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 3555-62	10.3	157
121	A Robust Thermal Modulator for Comprehensive Two-Dimensional Gas Chromatography. <i>Journal of High Resolution Chromatography</i> , <b>1999</b> , 22, 3-10		135
120	Degradation of polycyclic aromatic hydrocarbons (PAHs) in contaminated soils by Fenton's reagent: a multivariate evaluation of the importance of soil characteristics and PAH properties. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 149, 86-96	12.8	133
119	Degradation and formation of polycyclic aromatic compounds during bioslurry treatment of an aged gasworks soil. <i>Environmental Toxicology and Chemistry</i> , <b>2003</b> , 22, 1413-1420	3.8	125
118	Polychlorinated biphenyls and polychlorinated naphthalenes in Swedish sediment and biota: levels, patterns, and time trends. <i>Environmental Science &amp; Technology</i> , <b>1993</b> , 27, 1364-1374	10.3	106
117	Maternal transfer of brominated flame retardants in zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , <b>2008</b> , 73, 203-8	8.4	101
116	Projected future climate change and Baltic Sea ecosystem management. <i>Ambio</i> , <b>2015</b> , 44 Suppl 3, 345-56.5	6.5	96
115	New strategies for extraction and clean-up of persistent organic pollutants from food and feed samples using selective pressurized liquid extraction. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2006</b> , 25, 318-325	14.6	91
114	Brominated dibenzo-p-dioxins: a new class of marine toxins?. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 3069-74	10.3	90

113	Pressurised liquid extraction of polycyclic aromatic hydrocarbons from contaminated soils. <i>Journal of Chromatography A</i> , <b>2000</b> , 883, 151-62	4.5	86
112	Isolation of toxic polychlorinated biphenyls by electron donor-acceptor high-performance liquid chromatography on a 2-(1-pyrenyl)ethyldimethylsilylated silica column. <i>Journal of Chromatography A</i> , <b>1990</b> , 507, 389-98	4.5	82
111	Non-target screening and prioritization of potentially persistent, bioaccumulating and toxic domestic wastewater contaminants and their removal in on-site and large-scale sewage treatment plants. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 265-275	10.2	78
110	Trace analysis of polychlorinated dibenzo-p-dioxins, dibenzofurans and WHO polychlorinated biphenyls in food using comprehensive two-dimensional gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , <b>2005</b> , 1086, 61-70	4.5	76
109	Contribution of precursor compounds to the release of per- and polyfluoroalkyl substances (PFASs) from waste water treatment plants (WWTPs). <i>Journal of Environmental Sciences</i> , <b>2017</b> , 61, 80-90	6.4	75
108	Analysis of halogenated polycyclic aromatic hydrocarbons in urban air, snow and automobile exhaust. <i>Chemosphere</i> , <b>1987</b> , 16, 2441-2450	8.4	75
107	Determination of the gas chromatographic elution sequences of the (+)- and (-)-enantiomers of stable atropisomeric PCBs on Chirasil-dex. <i>Journal of High Resolution Chromatography</i> , <b>1996</b> , 19, 373-376		73
106	Pharmaceutical residues are widespread in Baltic Sea coastal and offshore waters - Screening for pharmaceuticals and modelling of environmental concentrations of carbamazepine. <i>Science of the Total Environment</i> , <b>2018</b> , 633, 1496-1509	10.2	71
105	A review of environmental toxicant analysis by using multidimensional gas chromatography and comprehensive GC. <i>Clinica Chimica Acta</i> , <b>2003</b> , 328, 1-19	6.2	64
104	Screening and prioritization of micropollutants in wastewaters from on-site sewage treatment facilities. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 328, 37-45	12.8	63
103	Simultaneous extraction and fractionation of polycyclic aromatic hydrocarbons and their oxygenated derivatives in soil using selective pressurized liquid extraction. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 2993-3000	7.8	63
102	Comparison of techniques for estimating PAH bioavailability: uptake in <i>Eisenia fetida</i> , passive samplers and leaching using various solvents and additives. <i>Environmental Pollution</i> , <b>2007</b> , 145, 154-60	9.3	62
101	Determination of polychlorinated naphthalenes in polychlorinated biphenyl products via capillary gas chromatography-mass spectrometry after separation by gel permeation chromatography. <i>Journal of Chromatography A</i> , <b>1993</b> , 634, 79-86	4.5	61
100	Uptake and biotransformation of structurally diverse brominated flame retardants in zebrafish ( <i>Danio rerio</i> ) after dietary exposure. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 1035-42	3.8	59
99	Isolation of mono- and non-ortho polychlorinated biphenyls from biological samples by electron-donor acceptor high performance liquid chromatography using a 2-(1-pyrenyl)ethyldimethylsilylated silica column. <i>Chemosphere</i> , <b>1990</b> , 20, 887-894	8.4	59
98	Time-trends of metals and organic contaminants in sewage sludge. <i>Water Research</i> , <b>2012</b> , 46, 4841-51	12.5	53
97	Persistence, mobility and bioavailability of emerging organic contaminants discharged from sewage treatment plants. <i>Science of the Total Environment</i> , <b>2018</b> , 612, 1532-1542	10.2	51
96	Pressurised liquid extraction-comprehensive two-dimensional gas chromatography for fast-screening of polycyclic aromatic hydrocarbons in soil. <i>Journal of Chromatography A</i> , <b>2003</b> , 1019, 221-32	4.5	50

95	Enantioselective gas chromatography/mass spectrometry of methylsulfonyl PCBs with application to arctic marine mammals. <i>Analytical Chemistry</i> , <b>1998</b> , 70, 3845-52	7.8	50
94	Comprehensive two-dimensional gas chromatography of the 209 polychlorinated biphenyls. <i>Journal of Chromatography A</i> , <b>2003</b> , 1019, 111-26	4.5	48
93	Brominated phenols, anisoles, and dioxins present in blue mussels from the Swedish coastline. <i>Environmental Science and Pollution Research</i> , <b>2010</b> , 17, 1460-8	5.1	46
92	Comparison of Thermal Sweeper and Cryogenic Modulator Technology for Comprehensive Gas Chromatography. <i>Journal of High Resolution Chromatography</i> , <b>2000</b> , 23, 253-258		46
91	The strength in numbers: comprehensive characterization of house dust using complementary mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 1957-1977	4.4	45
90	Temporal trends in dioxins (polychlorinated dibenzo-p-dioxin and dibenzofurans) and dioxin-like polychlorinated biphenyls in Baltic herring ( <i>Clupea harengus</i> ). <i>Marine Pollution Bulletin</i> , <b>2013</b> , 73, 220-30	6.7	45
89	Enantioselective separation of polychlorinated biphenyl atropisomers using chiral high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1996</b> , 724, 219-228	4.5	43
88	Selective pressurized liquid extraction of polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls from food and feed samples. <i>Journal of Chromatography A</i> , <b>2007</b> , 1138, 55-64	4.5	41
87	The internal barriers of rotation for the 209 polychlorinated biphenyls. <i>Environmental Science and Pollution Research</i> , <b>1997</b> , 4, 75-81	5.1	40
86	GC x GC-ECD: a promising method for the determination of dioxins and dioxin-like PCBs in food and feed. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 390, 1815-27	4.4	40
85	Formation of environmentally relevant brominated dioxins from 2,4,6-tribromophenol via bromoperoxidase-catalyzed dimerization. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 7239-44	10.3	39
84	Influence of chromatographic conditions on separation in comprehensive gas chromatography. <i>Journal of Chromatography A</i> , <b>2002</b> , 962, 135-52	4.5	39
83	Enantioselective analysis of organochlorine pesticides in herring and seal from the Swedish marine environment. <i>Marine Pollution Bulletin</i> , <b>1998</b> , 36, 345-353	6.7	39
82	Photochemical formation of polybrominated dibenzo-p-dioxins from environmentally abundant hydroxylated polybrominated diphenyl ethers. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 7567-74	10.3	38
81	Polybrominated and mixed brominated/chlorinated dibenzo-p-dioxins in sponge ( <i>Ephydatia fluviatilis</i> ) from the Baltic Sea. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 8245-50	10.3	36
80	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> , <b>2003</b> , 1019, 127-42	4.5	35
79	Semipermeable Membrane Devices as Passive Samplers To Determine Organochlorine Pollutants in Compost. <i>Environmental Science &amp; Technology</i> , <b>1997</b> , 31, 2960-2965	10.3	34
78	Shape selectivity: A key factor in comprehensive two-dimensional gas chromatographic analysis of toxic PCBs. <i>Journal of Separation Science</i> , <b>2001</b> , 13, 306-311		33

77	Comprehensive mass flow analysis of Swedish sludge contaminants. <i>Chemosphere</i> , <b>2013</b> , 90, 28-35	8.4	32
76	Temporal variations of polybrominated dibenzo-p-dioxin and methoxylated diphenyl ether concentrations in fish revealing large differences in exposure and metabolic stability. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 2466-73	10.3	32
75	Comprehensive two-dimensional gas chromatography (GC/GC) of atropisomeric PCBs, combining a narrow bore Cyclodextrin column and a liquid crystal column. <i>Journal of Separation Science</i> , <b>2001</b> , 13, 300-305		32
74	Isolation and characterisation of polychlorinated biphenyl (PCB) atropisomers. <i>Chemosphere</i> , <b>1996</b> , 32, 2133-2140	8.4	32
73	Dissolved organic carbon quality and sorption of organic pollutants in the Baltic Sea in light of future climate change. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 1445-52	10.3	31
72	Determination of the rotational energy barriers of atropisomeric polychlorinated biphenyls. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1999</b> , 364, 219-223		31
71	A generic emission model to predict release of organic substances from materials in consumer goods. <i>Science of the Total Environment</i> , <b>2012</b> , 437, 306-14	10.2	29
70	Rapid screening of dioxin-contaminated soil by accelerated solvent extraction/purification followed by immunochemical detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 385, 357-66	4.4	29
69	Monitoring dioxins in food and feedstuffs using accelerated solvent extraction with a novel integrated carbon fractionation cell in combination with a CAFLUX bioassay. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 381, 1472-5	4.4	29
68	Fractionation and size-distribution of metal and metalloid contaminants in a polluted groundwater rich in dissolved organic matter. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 318, 194-202	12.8	28
67	Watershed soil Cd loss after long-term agricultural practice and biochar amendment under four rainfall levels. <i>Water Research</i> , <b>2017</b> , 122, 692-700	12.5	27
66	On the identity and formation routes of environmentally abundant tri- and tetrabromodibenzo-p-dioxins. <i>Chemosphere</i> , <b>2010</b> , 78, 724-30	8.4	26
65	Concentrations and fluxes of hexachlorocyclohexanes and chiral composition of alpha-HCH in environmental samples from the southern Baltic Sea. <i>Environmental Science &amp; Technology</i> , <b>2001</b> , 35, 4739-46	10.3	26
64	Analysis of bromo-, chloro- and mixed and dibenzofurans in salmon, osprey and human milk. <i>Chemosphere</i> , <b>1992</b> , 24, 1431-1439	8.4	26
63	Analysis of polybrominated dioxins and furans in vehicle exhaust. <i>Chemosphere</i> , <b>1988</b> , 17, 2129-2140	8.4	26
62	Methodology for non-target screening of sewage sludge using comprehensive two-dimensional gas chromatography coupled to high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 4867-4883	4.4	24
61	Multivariate physicochemical characterisation and quantitative structure-property relationship modelling of polybrominated diphenyl ethers. <i>Chemosphere</i> , <b>2002</b> , 47, 375-84	8.4	24
60	The fate of chiral organochlorine compounds and selected metabolites in intraperitoneally exposed arctic char ( <i>Salvelinus alpinus</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2006</b> , 25, 1465-73	3.8	23

59	Effects of sulfur on PCDD/F formation under stable and transient combustion conditions during MSW incineration. <i>Chemosphere</i> , <b>2009</b> , 76, 767-73	8.4	22
58	Nontarget Screening and Time-Trend Analysis of Sewage Sludge Contaminants via Two-Dimensional Gas Chromatography-High Resolution Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 7813-7822	10.3	21
57	Comparing temporal trends of organochlorines in guillemot eggs and Baltic herring: advantages and disadvantage for selecting sentinel species for environmental monitoring. <i>Marine Environmental Research</i> , <b>2014</b> , 100, 38-47	3.3	21
56	Dioxin removal from contaminated soils by ethanol washing. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 179, 393-9	12.8	21
55	Ultraviolet absorption spectra of all 209 polychlorinated biphenyls evaluated by principal component analysis. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1997</b> , 357, 1088-1092		21
54	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> , <b>2002</b> , 962, 127-34	4.5	21
53	The use of comprehensive two-dimensional gas chromatography and structure-activity modeling for screening and preliminary risk assessment of organic contaminants in soil, sediment, and surface water. <i>Journal of Soils and Sediments</i> , <b>2012</b> , 12, 1079-1088	3.4	20
52	Surface tension stabilized laser welding (donut laser welding) – a new laser welding technique. <i>Journal of Laser Applications</i> , <b>2013</b> , 25, 031501	2.1	19
51	Optimization of selective pressurized liquid extraction for extraction and in-cell clean-up of PCDD/Fs in soils and sediments. <i>Chemosphere</i> , <b>2013</b> , 90, 2414-9	8.4	18
50	Analysis of dioxins in contaminated soils with the calux and caflux bioassays, an immunoassay, and gas chromatography/high-resolution mass spectrometry. <i>Environmental Toxicology and Chemistry</i> , <b>2007</b> , 26, 1122-9	3.8	18
49	Comprehensive profiling of 136 tetra- to octa-polychlorinated dibenzo-p-dioxins and dibenzofurans using ionic liquid columns and column combinations. <i>Journal of Chromatography A</i> , <b>2013</b> , 1311, 157-69	4.5	16
48	Effects of Organic Pollutants on Bacterial Communities Under Future Climate Change Scenarios. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2926	5.7	16
47	Evaluation of solvent for pressurized liquid extraction of PCDD, PCDF, PCN, PCBz, PCPh and PAH in torrefied woody biomass. <i>Fuel</i> , <b>2015</b> , 154, 52-58	7.1	15
46	A retention index system for comprehensive two-dimensional gas chromatography using polyethylene glycols. <i>Journal of Chromatography A</i> , <b>2018</b> , 1536, 67-74	4.5	15
45	Retention-time prediction in comprehensive two-dimensional gas chromatography to aid identification of unknown contaminants. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 7931-7941	4.4	15
44	Toxicity and neurotoxicity profiling of contaminated sediments from Gulf of Bothnia (Sweden): a multi-endpoint assay with Zebrafish embryos. <i>Environmental Sciences Europe</i> , <b>2019</b> , 31,	5	14
43	Concentrations and enantiomer fractions of organochlorine compounds in baltic species hit by reproductive impairment. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 2542-2551	3.8	14
42	Rapid anaerobic degradation of toxaphene in sewage sludge. <i>Chemosphere</i> , <b>2000</b> , 40, 1213-20	8.4	14

41	Sea-air exchange of bromoanisoles and methoxylated bromodiphenyl ethers in the Northern Baltic. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 112, 58-64	6.7	14
40	Comprehensive assessment of organic contaminant removal from on-site sewage treatment facility effluent by char-fortified filter beds. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 361, 111-122	12.8	14
39	Atmospheric pathways of chlorinated pesticides and natural bromoanisoles in the northern Baltic Sea and its catchment. <i>Ambio</i> , <b>2015</b> , 44 Suppl 3, 472-83	6.5	13
38	Characterization and classification of complex PAH samples using GC-qMS and GC-TOFMS. <i>Chemosphere</i> , <b>2006</b> , 65, 2208-15	8.4	13
37	Multivariate data analysis to characterize gas chromatography columns for dioxin analysis. <i>Journal of Chromatography A</i> , <b>2014</b> , 1347, 137-45	4.5	12
36	Methods for treating soils contaminated with polychlorinated dibenzo-p-dioxins, dibenzofurans, and other polychlorinated aromatic compounds. <i>Ambio</i> , <b>2007</b> , 36, 467-74	6.5	12
35	Analysis of volatile organic compounds in indoor environments using thermal desorption with comprehensive two-dimensional gas chromatography and high-resolution time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 1489-1498	3.4	11
34	Air-water exchange of brominated anisoles in the northern Baltic Sea. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 6124-32	10.3	11
33	Automated method for determination of dissolved organic carbon-water distribution constants of structurally diverse pollutants using pre-equilibrium solid-phase microextraction. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 266-74	3.8	11
32	Powerful GC-TOF-MS Techniques for Screening, Identification and Quantification of Halogenated Natural Products. <i>Mass Spectrometry</i> , <b>2013</b> , 2, S0018	1.7	11
31	Assessment of the availability of polycyclic aromatic hydrocarbons from gasworks soil using different extraction solvents and techniques. <i>Environmental Toxicology and Chemistry</i> , <b>2004</b> , 23, 1861-6	3.8	11
30	Evaluation of the structure/cross-reactivity relationship of polycyclic aromatic compounds using an enzyme-linked immunosorbent assay kit. <i>Analytica Chimica Acta</i> , <b>2003</b> , 487, 43-50	6.6	11
29	Bacterial communities as indicators of environmental pollution by POPs in marine sediments. <i>Environmental Pollution</i> , <b>2021</b> , 268, 115690	9.3	11
28	Toxicity of Bromkal 70-5DE, a technical mixture of polybrominated diphenyl ethers, following 28 d of oral exposure in rats and impact of analysed impurities. <i>Chemosphere</i> , <b>2010</b> , 80, 137-43	8.4	10
27	On the semi-quantification of polycyclic aromatic hydrocarbons in contaminated soil by an enzyme-linked immunosorbent assay kit. <i>Analytica Chimica Acta</i> , <b>2006</b> , 555, 107-113	6.6	10
26	Rapid and cost-effective analysis of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in soil, fly ash and sediment certified reference materials using pressurized liquid extraction with an integrated carbon trap. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 390, 411-7	4.4	9
25	Discrimination and thermal degradation of toxaphene compounds in capillary gas chromatography when using split/splitless and on-column injection. <i>Chemosphere</i> , <b>2000</b> , 41, 473-9	8.4	9
24	Non-target and suspect characterisation of organic contaminants in Arctic air [Part 2: Application of a new tool for identification and prioritisation of chemicals of emerging Arctic concern in air. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 9031-9049	6.8	9

23	Will Climate Change Influence Production and Environmental Pathways of Halogenated Natural Products?. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 6468-6485	10.3	8
22	Differences in chemical composition of indoor air in rooms associated/not associated with building related symptoms. <i>Science of the Total Environment</i> , <b>2020</b> , 720, 137444	10.2	8
21	Modular pressurized liquid extraction for simultaneous extraction, clean-up and fractionation of PCDD/Fs in soil, sediment and sludge samples. <i>Analytical Methods</i> , <b>2013</b> , 5, 1231	3.2	8
20	Bromoanisoles and methoxylated bromodiphenyl ethers in macroalgae from Nordic coastal regions. <i>Environmental Sciences: Processes and Impacts</i> , <b>2019</b> , 21, 881-892	4.3	7
19	Mass fluxes per capita of organic contaminants from on-site sewage treatment facilities. <i>Chemosphere</i> , <b>2018</b> , 201, 864-873	8.4	7
18	Evaluation of five filter media in column experiment on the removal of selected organic micropollutants and phosphorus from household wastewater. <i>Journal of Environmental Management</i> , <b>2019</b> , 246, 920-928	7.9	7
17	Retention and maternal transfer of environmentally relevant polybrominated dibenzo-p-dioxins and dibenzofurans, polychlorinated dibenzo-p-dioxins and dibenzofurans, and polychlorinated biphenyls in zebrafish ( <i>Danio rerio</i> ) after dietary exposure. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 804-12	3.8	7
16	Characterization of AhR agonist compounds in roadside snow. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 403, 2047-56	4.4	7
15	Enzyme-linked immunosorbent assay for screening dioxin soil contamination by uncontrolled combustion during informal recycling in slums. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 2224-32 <sup>8</sup>	3.8	7
14	Non-targeted screening workflows for gas chromatography-high-resolution mass spectrometry analysis and identification of biomagnifying contaminants in biota samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 479-501	4.4	7
13	On the leaching of mercury by brackish seawater from permeable barriers materials and soil. <i>Journal of Environmental Chemical Engineering</i> , <b>2015</b> , 3, 1200-1206	6.8	5
12	Elimination of interferences caused by simultaneous use of deuterated and carbon-13 standards in GC-MS analysis of polycyclic aromatic hydrocarbons (PAHs) in extracts from passive sampling devices. <i>Analytical Methods</i> , <b>2013</b> , 5, 2925	3.2	5
11	Streamlined combustion gas measurements for improved national dioxin inventories. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 9255-61	10.3	5
10	The internal barriers of rotation for the 209 polychlorinated biphenyls : "If you take hold of much, you do not hold it". <i>Environmental Science and Pollution Research</i> , <b>1999</b> , 6, 126	5.1	5
9	Identification of potentially toxic compounds in complex extracts of environmental samples using gas chromatography-mass spectrometry and multivariate data analysis. <i>Environmental Toxicology and Chemistry</i> , <b>2007</b> , 26, 208-17	3.8	3
8	Degradation and formation of polycyclic aromatic compounds during bioslurry treatment of an aged gasworks soil <b>2003</b> , 22, 1413		3
7	mRNA Expression and Biomarker Responses in Perch at a Biomonitoring Site in the Baltic Sea □ Possible Influence of Natural Brominated Chemicals. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	3
6	Improving soil investigations at brownfield sites using a flexible work strategy and screening methods inspired by the US Environmental Protection Agency's triad approach. <i>Ambio</i> , <b>2007</b> , 36, 502-11 <sup>6.5</sup>	6.5	2



- 5 Subchronic toxicity of Baltic herring oil and its fractions in the rat I: Fractionation and levels of organohalogen pollutants. *Basic and Clinical Pharmacology and Toxicology*, **2002**, 91, 220-31 2
- 4 Non-target and suspect characterisation of organic contaminants in Arctic air, Part II: Application of a new tool for identification and prioritisation of chemicals of emerging Arctic concern in air **2020**, 1
- 3 A time-trend guided non-target screening study of organic contaminants in Baltic Sea harbor porpoise (1988-2019), guillemot (1986-2019), and white-tailed sea eagle (1965-2017) using gas chromatography-high-resolution mass spectrometry.. *Science of the Total Environment*, **2022**, 829, 154620 10.2 1
- 2 Biomagnification and Temporal Trends of New and Emerging Dechloranes and Related Transformation Products in Baltic Sea Biota.. *Environmental Science and Technology Letters*, **2022**, 9, 406-412 11 0
- 1 Search for chlorobornanes in river sediments and in influents and effluents. *Chemosphere*, **2000**, 40, 1197-204