

# Mats Tysklind

## List of Publications by Year in descending order

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Version: 2024-02-01

203  
papers

17,543  
citations

36691

53  
h-index

16186

128  
g-index

205  
all docs

205  
docs citations

205  
times ranked

15763  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards better process management in wastewater treatment plants: Process analytics based on SHAP values for tree-based machine learning methods. <i>Journal of Environmental Management</i> , 2022, 301, 113941.	3.8	77
2	Wind Turbine Blades Using Recycled Carbon Fibers: An Environmental Assessment. <i>Environmental Science &amp; Technology</i> , 2022, 56, 1267-1277.	4.6	16
3	A sustainable performance assessment framework for circular management of municipal wastewater treatment plants. <i>Journal of Cleaner Production</i> , 2022, 339, 130657.	4.6	36
4	Toward Delicate Anomaly Detection of Energy Consumption for Buildings: Enhance the Performance From Two Levels. <i>IEEE Access</i> , 2022, 10, 31649-31659.	2.6	1
5	Environmental impact and cost assessment of a novel lignin production method. <i>Journal of Cleaner Production</i> , 2021, 279, 123515.	4.6	34
6	Neuroactive drugs and other pharmaceuticals found in blood plasma of wild European fish. <i>Environment International</i> , 2021, 146, 106188.	4.8	22
7	Identification of resistant pharmaceuticals in ozonation using QSAR modeling and their fate in electro-peroxone process. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	13
8	Assessment of the environmental impact of polymeric membrane production. <i>Journal of Membrane Science</i> , 2021, 622, 118987.	4.1	92
9	Higher Fine Particle Fraction in Sediment Increased Phosphorus Flux to Estuary in Restored Yellow River Basin. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6783-6790.	4.6	25
10	Fate of active pharmaceutical ingredients in a northern high-rate algal pond fed with municipal wastewater. <i>Chemosphere</i> , 2021, 271, 129763.	4.2	28
11	Metabolic process and spatial partition dynamics of Atrazine in an estuary-to-bay system, Jiaozhou bay. <i>Journal of Hazardous Materials</i> , 2021, 414, 125530.	6.5	18
12	Regeneration of saturated activated carbon by electro-peroxone and ozonation: Fate of micropollutants and their transformation products. <i>Science of the Total Environment</i> , 2021, 776, 145723.	3.9	16
13	Typical herbicide residues, trophic transfer, bioconcentration, and health risk of marine organisms. <i>Environment International</i> , 2021, 152, 106500.	4.8	21
14	Seasonal variations in atrazine degradation in a typical semienclosed bay of the northwest Pacific ocean. <i>Environmental Pollution</i> , 2021, 283, 117072.	3.7	13
15	A machine learning framework to improve effluent quality control in wastewater treatment plants. <i>Science of the Total Environment</i> , 2021, 784, 147138.	3.9	87
16	Assessment of forest-based biofuels for Arctic marine shipping. <i>Resources, Conservation and Recycling</i> , 2021, 174, 105763.	5.3	4
17	Occurrence, migration, and allocation of arsenic in multiple media of a typical semi-enclosed bay. <i>Journal of Hazardous Materials</i> , 2020, 384, 121313.	6.5	39
18	An evaluation of different climate matrices used in biomass energy research. , 2020, , 179-204.		0

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19	Will Climate Change Influence Production and Environmental Pathways of Halogenated Natural Products?. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6468-6485.	4.6	22
20	Typical pesticides diffuse loading and degradation pattern differences under the impacts of climate and land-use variations. <i>Environment International</i> , 2020, 139, 105717.	4.8	12
21	Environmental Impact and Environmental Cost Assessment of Methanol Production from wood biomass. <i>Environmental Pollution</i> , 2020, 265, 114990.	3.7	33
22	Heavy metal accumulation, geochemical fractions, and loadings in two agricultural watersheds with distinct climate conditions. <i>Journal of Hazardous Materials</i> , 2020, 389, 122125.	6.5	29
23	Oxidation of emerging biocides and antibiotics in wastewater by ozonation and the electro-peroxone process. <i>Chemosphere</i> , 2019, 235, 575-585.	4.2	72
24	Social Cost Benefit Analysis of Operating Compressed Biomethane (CBM) Transit Buses in Cities of Developing Nations: A Case Study. <i>Sustainability</i> , 2019, 11, 4190.	1.6	12
25	Advanced High-Strength Steel and Carbon Fiber Reinforced Polymer Composite Body in White for Passenger Cars: Environmental Performance and Sustainable Return on Investment under Different Propulsion Modes. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4951-4963.	3.2	24
26	Occurrence, transportation, and distribution difference of typical herbicides from estuary to bay. <i>Environment International</i> , 2019, 130, 104858.	4.8	44
27	Bromoanisoles and methoxylated bromodiphenyl ethers in macroalgae from Nordic coastal regions. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 881-892.	1.7	12
28	A review of halogenated natural products in Arctic, Subarctic and Nordic ecosystems. <i>Emerging Contaminants</i> , 2019, 5, 89-115.	2.2	40
29	Toxicity and neurotoxicity profiling of contaminated sediments from Gulf of Bothnia (Sweden): a multi-endpoint assay with Zebrafish embryos. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	21
30	Ecoefficiency of Thermal Insulation Sandwich Panels Based On Fly Ash Modified with Colloidal Mesoporous Silica. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 20000-20012.	3.2	9
31	Effect of full-scale ozonation and pilot-scale granular activated carbon on the removal of biocides, antimycotics and antibiotics in a sewage treatment plant. <i>Science of the Total Environment</i> , 2019, 649, 1117-1123.	3.9	61
32	Northern green algae have the capacity to remove active pharmaceutical ingredients. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 644-656.	2.9	103
33	Watershed diffuse pollution dynamics and response to land development assessment with riverine sediments. <i>Science of the Total Environment</i> , 2019, 659, 283-292.	3.9	18
34	Sources of polychlorinated dibenzo-p-dioxins and dibenzofurans to Baltic Sea herring. <i>Chemosphere</i> , 2019, 218, 493-500.	4.2	10
35	Indications of soil properties on dissolved organic carbon variability following a successive land use conversion. <i>Ecological Engineering</i> , 2018, 117, 115-119.	1.6	4
36	Using river sediments to analyze the driving force difference for non-point source pollution dynamics between two scales of watersheds. <i>Water Research</i> , 2018, 139, 311-320.	5.3	56

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37	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> , 2018, 633, 1496-1509.	3.9	98
38	Tracing the sources of PCDD/Fs in Baltic Sea air by using metals as source markers. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 544-552.	1.7	4
39	Advancing game changing academic research concepts to commercialization: A Life Cycle Assessment (LCA) based sustainability framework for making informed decisions in Technology Valley of Death (TVD). <i>Resources, Conservation and Recycling</i> , 2018, 133, 404-416.	5.3	21
40	Breakthrough during air sampling with polyurethane foam: What do PUF 2/PUF 1 ratios mean?. <i>Chemosphere</i> , 2018, 192, 267-271.	4.2	11
41	Use of Liquefied Biomethane (LBM) as a Vehicle Fuel for Road Freight Transportation: A Case Study Evaluating Environmental Performance of Using LBM for Operation of Tractor Trailers. <i>Procedia CIRP</i> , 2018, 69, 517-522.	1.0	15
42	Effects of Organic Pollutants on Bacterial Communities Under Future Climate Change Scenarios. <i>Frontiers in Microbiology</i> , 2018, 9, 2926.	1.5	28
43	Detailed mass flows and removal efficiencies for biocides and antibiotics in Swedish sewage treatment plants. <i>Science of the Total Environment</i> , 2018, 640-641, 327-336.	3.9	46
44	Screening of biocides, metals and antibiotics in Swedish sewage sludge and wastewater. <i>Water Research</i> , 2017, 115, 318-328.	5.3	176
45	Multivariate assessment of barriers materials for treatment of complex groundwater rich in dissolved organic matter and organic and inorganic contaminants. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3075-3082.	3.3	11
46	Temporal-spatial patterns of three types of pesticide loadings in a middle-high latitude agricultural watershed. <i>Water Research</i> , 2017, 122, 377-386.	5.3	51
47	Does antifouling paint select for antibiotic resistance?. <i>Science of the Total Environment</i> , 2017, 590-591, 461-468.	3.9	70
48	Sustainability of renewable fuel infrastructure: a screening LCA case study of anticorrosive graphene oxide epoxy liners in steel tanks for the storage of biodiesel and its blends. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 141-153.	1.7	9
49	Atmospheric Transport and Deposition of Bromoanisoles Along a Temperate to Arctic Gradient. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10974-10982.	4.6	18
50	Watershed soil Cd loss after long-term agricultural practice and biochar amendment under four rainfall levels. <i>Water Research</i> , 2017, 122, 692-700.	5.3	43
51	Occurrence of water phosphorus at the water-sediment interface of a freshwater shallow lake: Indications of lake chemistry. <i>Ecological Indicators</i> , 2017, 81, 443-452.	2.6	10
52	Chlorinated pesticides and natural brominated anisoles in air at three northern Baltic stations. <i>Environmental Pollution</i> , 2017, 225, 381-389.	3.7	13
53	Field estimates of polyurethane foam – air partition coefficients for hexachlorobenzene, alpha-hexachlorocyclohexane and bromoanisoles. <i>Chemosphere</i> , 2016, 159, 126-131.	4.2	18
54	Sea-air exchange of bromoanisoles and methoxylated bromodiphenyl ethers in the Northern Baltic. <i>Marine Pollution Bulletin</i> , 2016, 112, 58-64.	2.3	17

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55	Elucidating selection processes for antibiotic resistance in sewage treatment plants using metagenomics. <i>Science of the Total Environment</i> , 2016, 572, 697-712.	3.9	213
56	Minimal selective concentrations of tetracycline in complex aquatic bacterial biofilms. <i>Science of the Total Environment</i> , 2016, 553, 587-595.	3.9	166
57	Typical agricultural diffuse herbicide sorption with agricultural waste-derived biochars amended soil of high organic matter content. <i>Water Research</i> , 2016, 92, 156-163.	5.3	54
58	Sediment PAH source apportionment in the Liaohe River using the ME2 approach: A comparison to the PMF model. <i>Science of the Total Environment</i> , 2016, 553, 164-171.	3.9	37
59	Quantification for total demethylation potential of environmental samples utilizing the EGFP reporter gene. <i>Journal of Hazardous Materials</i> , 2016, 306, 278-285.	6.5	4
60	Cancer Risk Assessment of Polycyclic Aromatic Hydrocarbon Contaminated Soils Determined Using Bioassay-Derived Levels of Benzo[ <i>a</i> ]pyrene Equivalents. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1797-1805.	4.6	58
61	In Vitro Mammalian Mutagenicity of Complex Polycyclic Aromatic Hydrocarbon Mixtures in Contaminated Soils. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1787-1796.	4.6	26
62	Responses of soil carbon and nitrogen to successive land use conversion in seasonally frozen zones. <i>Plant and Soil</i> , 2015, 387, 117-130.	1.8	9
63	Effects of predicted climatic changes on distribution of organic contaminants in brackish water mesocosms. <i>Science of the Total Environment</i> , 2015, 517, 10-21.	3.9	23
64	A bibliometric analysis of global research progress on pharmaceutical wastewater treatment during 1994-2013. <i>Environmental Earth Sciences</i> , 2015, 73, 4995-5005.	1.3	31
65	Atmospheric pathways of chlorinated pesticides and natural bromoanisoles in the northern Baltic Sea and its catchment. <i>Ambio</i> , 2015, 44, 472-483.	2.8	30
66	Projected future climate change and Baltic Sea ecosystem management. <i>Ambio</i> , 2015, 44, 345-356.	2.8	163
67	Improving Environmental Risk Assessment of Human Pharmaceuticals. <i>Environmental Science &amp; Technology</i> , 2015, 49, 5336-5345.	4.6	141
68	Polybrominated dibenzo- <i>p</i> -dioxins and dibenzofurans (PBDD/Fs) in e-waste plastic in Nigeria. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14515-14529.	2.7	39
69	Optimisation of corn straw biochar treatment with catalytic pyrolysis in intensive agricultural area. <i>Ecological Engineering</i> , 2015, 84, 278-286.	1.6	19
70	Removal of pharmaceuticals in WWTP effluents by ozone and hydrogen peroxide. <i>Water S A</i> , 2014, 40, 165.	0.2	25
71	Evaluation of barrier materials for removing pollutants from groundwater rich in natural organic matter. <i>Water Science and Technology</i> , 2014, 70, 32-39.	1.2	14
72	Leachability and desorption of PCBs from soil and their dependency on pH and dissolved organic matter. <i>Science of the Total Environment</i> , 2014, 499, 220-227.	3.9	24

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73	Assessment of PCDD/F Source Contributions in Baltic Sea Sediment Core Records. <i>Environmental Science &amp; Technology</i> , 2014, 48, 9531-9539.	4.6	24
74	Temporal Trends of PCDD/Fs in Baltic Sea Sediment Cores Covering the 20th Century. <i>Environmental Science &amp; Technology</i> , 2014, 48, 947-953.	4.6	32
75	Air-Water Exchange of Brominated Anisoles in the Northern Baltic Sea. <i>Environmental Science &amp; Technology</i> , 2014, 48, 6124-6132.	4.6	13
76	Using soil function evaluation in multi-criteria decision analysis for sustainability appraisal of remediation alternatives. <i>Science of the Total Environment</i> , 2014, 485-486, 785-791.	3.9	45
77	Identification of sources of heavy metals in agricultural soils using multivariate analysis and GIS. <i>Journal of Soils and Sediments</i> , 2013, 13, 720-729.	1.5	129
78	Required ozone doses for removing pharmaceuticals from wastewater effluents. <i>Science of the Total Environment</i> , 2013, 456-457, 42-49.	3.9	117
79	The influence of soil composition on the leachability of selected hydrophobic organic compounds (HOCs) from soils using a batch leaching test. <i>Journal of Hazardous Materials</i> , 2013, 254-255, 26-35.	6.5	26
80	Polychlorinated Dibenz-p-Dioxins, Dibenzofurans, and Biphenyls: Inclusion in the Toxicity Equivalency Factor Concept for Dioxin-Like Compounds. <i>Toxicological Sciences</i> , 2013, 133, 197-208.	1.4	197
81	Use of Cl and C Isotopic Fractionation to Identify Degradation and Sources of Polychlorinated Phenols: Mechanistic Study and Field Application. <i>Environmental Science &amp; Technology</i> , 2013, 47, 790-797.	4.6	48
82	On the use of electronic descriptors for QSAR modelling of PCDDs, PCDFs and dioxin-like PCBs. <i>SAR and QSAR in Environmental Research</i> , 2013, 24, 461-479.	1.0	11
83	Occurrence and Distribution of Synthetic Organic Substances in Boreal Coniferous Forest Soils Fertilized with Hygienized Municipal Sewage Sludge. <i>Antibiotics</i> , 2013, 2, 352-366.	1.5	1
84	Multi-residue method for trace level determination of pharmaceuticals in environmental samples using liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Talanta</i> , 2012, 100, 183-195.	2.9	128
85	Determination of sorption of seventy-five pharmaceuticals in sewage sludge. <i>Water Research</i> , 2011, 45, 4470-4482.	5.3	233
86	Effect of injection of di- and tricyclic aromatic compounds on post-combustion formation of polychlorinated dibenzo-p-dioxins and dibenzofurans. <i>Science of the Total Environment</i> , 2011, 409, 3386-3393.	3.9	2
87	Characterization of dioxin-like contamination in soil and sediments from the "hot spot" area of petrochemical plant in Pancevo (Serbia). <i>Environmental Science and Pollution Research</i> , 2011, 18, 677-686.	2.7	14
88	Exposure assessment at a PCDD/F contaminated site in Sweden - field measurements of exposure media and blood serum analysis. <i>Environmental Science and Pollution Research</i> , 2010, 17, 26-39.	2.7	16
89	Modelling the fate of hydrophobic organic contaminants in a boreal forest catchment: A cross disciplinary approach to assessing diffuse pollution to surface waters. <i>Environmental Pollution</i> , 2010, 158, 2964-2969.	3.7	25
90	Predicted critical environmental concentrations for 500 pharmaceuticals. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 516-523.	1.3	187

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91	Dioxin removal from contaminated soils by ethanol washing. <i>Journal of Hazardous Materials</i> , 2010, 179, 393-399.	6.5	24
92	Therapeutic Levels of Levonorgestrel Detected in Blood Plasma of Fish: Results from Screening Rainbow Trout Exposed to Treated Sewage Effluents. <i>Environmental Science &amp; Technology</i> , 2010, 44, 2661-2666.	4.6	200
93	PCDD/F Source Apportionment in the Baltic Sea Using Positive Matrix Factorization. <i>Environmental Science &amp; Technology</i> , 2010, 44, 1690-1697.	4.6	53
94	Screening of antimycotics in Swedish sewage treatment plants – Waters and sludge. <i>Water Research</i> , 2010, 44, 649-657.	5.3	98
95	Arsenic chemical species-dependent genotoxic potential in water extracts from two CCA-contaminated soils measured by DNA-repair deficient CHO-cells. <i>Science of the Total Environment</i> , 2009, 407, 4253-4260.	3.9	0
96	Levels and homologue profiles of PCDD/Fs in sediments along the Swedish coast of the Baltic Sea. <i>Environmental Science and Pollution Research</i> , 2009, 16, 396-409.	2.7	45
97	Contamination of surface, ground, and drinking water from pharmaceutical production. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2522-2527.	2.2	783
98	Multivariate Relationships between Molecular Descriptors and Isomer Distribution Patterns of PCDD/Fs Formed during MSW Combustion. <i>Environmental Science &amp; Technology</i> , 2009, 43, 7032-7038.	4.6	11
99	Post-combustion formation of PCDD, PCDF, PCBz, and PCPh in a laboratory-scale reactor: Influence of dibenzo-p-dioxin injection. <i>Chemosphere</i> , 2009, 76, 818-825.	4.2	15
100	A multivariate chemical map of industrial chemicals – Assessment of various protocols for identification of chemicals of potential concern. <i>Chemosphere</i> , 2009, 76, 878-884.	4.2	16
101	Intra-individual variations and temporal trends in dioxin levels in human blood 1987–2002. <i>Chemosphere</i> , 2009, 76, 1557-1562.	4.2	5
102	Congener fingerprints of tetra- through octa-chlorinated dibenzo-p-dioxins and dibenzofurans in Baltic surface sediments and their relations to potential sources. <i>Chemosphere</i> , 2009, 77, 612-620.	4.2	41
103	Dioxins, chlorophenols and other chlorinated organic pollutants in colloidal and water fractions of groundwater from a contaminated sawmill site. <i>Environmental Science and Pollution Research</i> , 2008, 15, 463-471.	2.7	36
104	Dioxin- and POP-contaminated sites – contemporary and future relevance and challenges. <i>Environmental Science and Pollution Research</i> , 2008, 15, 363-393.	2.7	322
105	Case studies on dioxin and POP contaminated sites: Contemporary and future relevance and challenges. <i>Environmental Science and Pollution Research</i> , 2008, 15, 95-95.	2.7	3
106	Dioxin - contemporary and future challenges of historical legacies. <i>Environmental Science and Pollution Research</i> , 2008, 15, 96-100.	2.7	49
107	Mutagenic hazards of complex polycyclic aromatic hydrocarbon mixtures in contaminated soil. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 978-990.	2.2	52
108	Use of a column leaching test to study the mobility of chlorinated HOCs from a contaminated soil and the distribution of compounds between soluble and colloid phases. <i>Chemosphere</i> , 2008, 71, 1035-1042.	4.2	29

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109	Black carbon-dominated PCDD/Fs sorption to soils at a former wood impregnation site. <i>Chemosphere</i> , 2008, 72, 1455-1461.	4.2	22
110	Sources, Fate, and Toxic Hazards of Oxygenated Polycyclic Aromatic Hydrocarbons (PAHs) at PAH-contaminated Sites. <i>Ambio</i> , 2007, 36, 475-485.	2.8	378
111	Mobility of Chloroaromatic Compounds in Soil: Case Studies of Swedish Chlorophenol-contaminated Sawmill Sites. <i>Ambio</i> , 2007, 36, 452-457.	2.8	2
112	Model Selection and Evaluation for Risk Assessment of Dioxin-contaminated Sites. <i>Ambio</i> , 2007, 36, 458-466.	2.8	8
113	Environmental Hazard Screening of a Metal-polluted Site Using Pressurized Liquid Extraction and Two <i>In Vitro</i> Bioassays. <i>Ambio</i> , 2007, 36, 494-501.	2.8	7
114	Environmental risk assessment of antibiotics in the Swedish environment with emphasis on sewage treatment plants. <i>Water Research</i> , 2007, 41, 613-619.	5.3	111
115	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> , 2007, 145, 154-160.	3.7	69
116	Partitioning of chloroaromatic compounds between the aqueous phase and dissolved and particulate soil organic matter at chlorophenol contaminated sites. <i>Environmental Pollution</i> , 2007, 148, 182-190.	3.7	10
117	Levels of chlorinated compounds (CPs, PCPPs, PCDEs, PCDFs and PCDDs) in soils at contaminated sawmill sites in Sweden. <i>Chemosphere</i> , 2007, 66, 234-242.	4.2	54
118	Dioxin concentrations in sediments of the Baltic Sea – A survey of existing data. <i>Chemosphere</i> , 2007, 67, 1762-1775.	4.2	76
119	A method to relate chemical accident properties and expert judgements in order to derive useful information for the development of Environment-Accident Index. <i>Journal of Hazardous Materials</i> , 2007, 147, 524-533.	6.5	12
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> , 2007, 149, 86-96.	6.5	159
121	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> , 2007, 26, 208.	2.2	4
122	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.	2.2	113
123	Antiviral Oseltamivir Is not Removed or Degraded in Normal Sewage Water Treatment: Implications for Development of Resistance by Influenza A Virus. <i>PLoS ONE</i> , 2007, 2, e986.	1.1	83
124	The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds. <i>Toxicological Sciences</i> , 2006, 93, 223-241.	1.4	3,071
125	Behavior of Fluoroquinolones and Trimethoprim during Mechanical, Chemical, and Active Sludge Treatment of Sewage Water and Digestion of Sludge. <i>Environmental Science &amp; Technology</i> , 2006, 40, 1042-1048.	4.6	298
126	Partitioning of CPs, PCDEs, and PCDD/Fs between Particulate and Experimentally Enhanced Dissolved Natural Organic Matter in a Contaminated Soil. <i>Environmental Science &amp; Technology</i> , 2006, 40, 6668-6673.	4.6	28

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127	Origin of PCDDs in Ball Clay Assessed with Compound-Specific Chlorine Isotope Analysis and Radiocarbon Dating. <i>Environmental Science &amp; Technology</i> , 2006, 40, 3730-3735.	4.6	47
128	Multivariate data analysis of organochlorines and brominated flame retardants in Baltic Sea guillemot ( <i>Uria aalge</i> ) egg and muscle. <i>Chemosphere</i> , 2006, 65, 1591-1599.	4.2	44
129	Characterization and classification of complex PAH samples using GC-qMS and GC-TOFMS. <i>Chemosphere</i> , 2006, 65, 2208-2215.	4.2	16
130	Ah Receptor Agonists in UV-exposed Toluene Solutions of Decabromodiphenyl Ether (decaBDE) and in Soils Contaminated with Polybrominated Diphenyl Ethers (PBDEs) (9 pp). <i>Environmental Science and Pollution Research</i> , 2006, 13, 161-169.	2.7	20
131	Comparison of Fenton's Reagent and Ozone Oxidation of Polycyclic Aromatic Hydrocarbons in Aged Contaminated Soils (7 pp). <i>Journal of Soils and Sediments</i> , 2006, 6, 208-214.	1.5	44
132	Megavariate analysis of environmental QSAR data. Part I – A basic framework founded on principal component analysis (PCA), partial least squares (PLS), and statistical molecular design (SMD). <i>Molecular Diversity</i> , 2006, 10, 169-186.	2.1	133
133	Megavariate Analysis of Environmental QSAR Data. Part II – Investigating Very Complex Problem Formulations Using Hierarchical, Non-Linear and Batch-Wise Extensions of PCA and PLS. <i>Molecular Diversity</i> , 2006, 10, 187-205.	2.1	25
134	Viral load is a negative predictor of antioxidant levels in hepatitis C patients. <i>Scandinavian Journal of Infectious Diseases</i> , 2005, 37, 686-689.	1.5	23
135	Effect of Sewage-Sludge Application on Concentrations of Higher-Brominated Diphenyl Ethers in Soils and Earthworms. <i>Environmental Science &amp; Technology</i> , 2005, 39, 9064-9070.	4.6	145
136	A Statistical Resampling Method To Calculate Biomagnification Factors Exemplified with Organochlorine Data from Herring ( <i>Clupea harengus</i> ) Muscle and Guillemot ( <i>Uria aalge</i> ) Egg from the Baltic Sea. <i>Environmental Science &amp; Technology</i> , 2005, 39, 8395-8402.	4.6	14
137	Multivariate Data Analyses of Chlorinated and Brominated Contaminants and Biological Characteristics in Adult Guillemot ( <i>Uria aalge</i> ) from the Baltic Sea. <i>Environmental Science &amp; Technology</i> , 2005, 39, 8630-8637.	4.6	26
138	Screening of Human Antibiotic Substances and Determination of Weekly Mass Flows in Five Sewage Treatment Plants in Sweden. <i>Environmental Science &amp; Technology</i> , 2005, 39, 3421-3429.	4.6	508
139	Fluoroquinolone Antibiotics in a Hospital Sewage Line; Occurrence, Distribution and Impact on Bacterial Resistance. <i>Scandinavian Journal of Infectious Diseases</i> , 2004, 36, 752-755.	1.5	30
140	ASSESSMENT OF THE AVAILABILITY OF POLYCYCLIC AROMATIC HYDROCARBONS FROM GASWORKS SOIL USING DIFFERENT EXTRACTION SOLVENTS AND TECHNIQUES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1861.	2.2	12
141	Olfactory mucosal toxicity screening and multivariate QSAR modeling for chlorinated benzene derivatives. <i>Archives of Toxicology</i> , 2004, 78, 706-715.	1.9	7
142	Investigations into the Vertical Distribution of PCDDs and Mineralogy in Three Ball Clay Cores from the United States Exhibiting the Natural Formation Pattern. <i>Environmental Science &amp; Technology</i> , 2004, 38, 4956-4963.	4.6	21
143	Low-resolution mass spectrometric relative response factors (RRFs) and relative retention times (RRTs) on two common gas chromatographic stationary phases for 87 polychlorinated dibenzofurans. <i>Chemosphere</i> , 2004, 55, 983-995.	4.2	8
144	Determination of antibiotic substances in hospital sewage water using solid phase extraction and liquid chromatography/mass spectrometry and group analogue internal standards. <i>Chemosphere</i> , 2004, 57, 1479-1488.	4.2	371

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145	Photolytic Debromination of Decabromodiphenyl Ether (BDE 209). <i>Environmental Science &amp; Technology</i> , 2004, 38, 127-132.	4.6	555
146	Time Trends of Selected Persistent Organic Pollutants in Lake Sediments from Greenland. <i>Environmental Science &amp; Technology</i> , 2003, 37, 4319-4324.	4.6	44
147	Multivariate characterization of polycyclic aromatic hydrocarbons using semi-empirical molecule orbital calculations and physical data. <i>Chemosphere</i> , 2003, 50, 627-637.	4.2	15
148	Flux estimates and sedimentation of polychlorinated naphthalenes in the northern part of the Baltic sea. <i>Environmental Pollution</i> , 2003, 126, 93-105.	3.7	31
149	Contaminant exposure and effects in Baltic ringed and grey seals as assessed by biomarkers. <i>Marine Environmental Research</i> , 2003, 55, 73-99.	1.1	90
150	Polychlorinated Naphthalene Levels, Distribution, and Biomagnification in a Benthic Food Chain in the Baltic Sea. <i>Environmental Science &amp; Technology</i> , 2002, 36, 5005-5013.	4.6	44
151	Multivariate physicochemical characterisation and quantitative structure–property relationship modelling of polybrominated diphenyl ethers. <i>Chemosphere</i> , 2002, 47, 375-384.	4.2	26
152	Assessing the environmental fate of chemicals of emerging concern: a case study of the polybrominated diphenyl ethers. <i>Environmental Pollution</i> , 2002, 117, 195-213.	3.7	188
153	Multivariate biological profiling and principal toxicity regions of compounds: the PCB case study. <i>Journal of Chemometrics</i> , 2002, 16, 497-509.	0.7	13
154	Accumulation and elimination of 16 polycyclic aromatic compounds in the earthworm ( <i>Eisenia</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.2	81
155	Application of sewage sludge to arable land—soil concentrations of polybrominated diphenyl ethers and polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls, and their accumulation in earthworms. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2515-2525.	2.2	64
156	Selection of a representative set of chemical accidents from a complex data matrix for the development of environment—accident index. <i>Journal of Hazardous Materials</i> , 2002, 91, 63-80.	6.5	7
157	Development of a high-performance liquid chromatography carbon column based method for the fractionation of dioxin-like polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 2002, 962, 79-93.	1.8	20
158	Biological and chemical determination of dioxin-like compounds in sediments by means of a sediment triad approach in the catchment area of the river Neckar. <i>Ecotoxicology</i> , 2002, 11, 323-336.	1.1	82
159	Application of sewage sludge to arable land—soil concentrations of polybrominated diphenyl ethers and polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls, and their accumulation in earthworms. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2515-25.	2.2	55
160	Multivariate Modelling of Polychlorinated Biphenyl-induced CYP1A Activity in the MH1C1 Rat Hepatoma Cell Line. <i>ATLA Alternatives To Laboratory Animals</i> , 2001, 29, 291-295.	0.7	3
161	Bioaccumulation of Selected PCBs in Zebrafish, Three-Spined Stickleback, and Arctic Char After Three Different Routes of Exposure. <i>Archives of Environmental Contamination and Toxicology</i> , 2001, 40, 519-530.	2.1	54
162	Dietary uptake and elimination of selected polychlorinated biphenyl congeners and hexachlorobenzene in earthworms. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1778-1784.	2.2	31

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163	Effect of Polychlorinated Biphenyls on the Uptake of Dopamine into Rat Brain Synaptic Vesicles: A Structure-Activity Study. <i>Toxicology and Applied Pharmacology</i> , 2001, 175, 176-183.	1.3	54
164	Dietary uptake and elimination of selected polychlorinated biphenyl congeners and hexachlorobenzene in earthworms. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1778-84.	2.2	4
165	Analytical techniques for the determination of POPs. <i>European Journal of Lipid Science and Technology</i> , 2000, 102, 50-52.	1.0	1
166	Multivariate modeling of polychlorinated biphenyl-induced CYP1A activity in hepatocytes from three different species: Ranking scales and species differences. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1454-1463.	2.2	24
167	Early life-stage mortality in zebrafish ( <i>Danio rerio</i> ) following maternal exposure to polychlorinated biphenyls and estrogen. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1582-1588.	2.2	39
168	Pressurised liquid extraction of polycyclic aromatic hydrocarbons from contaminated soils. <i>Journal of Chromatography A</i> , 2000, 883, 151-162.	1.8	100
169	Activation of Respiratory Burst in Human Granulocytes by Polychlorinated Biphenyls: A Structure-Activity Study. <i>Toxicology and Applied Pharmacology</i> , 2000, 167, 118-124.	1.3	32
170	Impact of Polychlorinated Naphthalenes (PCNs) in Juvenile Baltic Salmon, <i>Salmo salar</i> : Evaluation of Estrogenic Effects, Development, and CYP1A Induction. <i>Archives of Environmental Contamination and Toxicology</i> , 2000, 38, 225-233.	2.1	22
171	Structure dependent induction of CYP1A by polychlorinated biphenyls in hepatocytes of male castrated pigs. <i>Chemosphere</i> , 2000, 41, 1697-1708.	4.2	14
172	The Enantioselective Bioaccumulation of Chiral Chlordane and $\pm$ -HCH Contaminants in the Polar Bear Food Chain. <i>Environmental Science &amp; Technology</i> , 2000, 34, 2668-2674.	4.6	130
173	The Constrained Principal Property (CPP) Space in QSAR - Directional and Non-Directional Modelling Approaches. , 2000, , 65-70.		2
174	EARLY LIFE-STAGE MORTALITY IN ZEBRAFISH (DANIO RERIO) FOLLOWING MATERNAL EXPOSURE TO POLYCHLORINATED BIPHENYLS AND ESTROGEN. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1582.	2.2	5
175	MULTIVARIATE MODELING OF POLYCHLORINATED BIPHENYL-INDUCED CYP1A ACTIVITY IN HEPATOCYTES FROM THREE DIFFERENT SPECIES: RANKING SCALES AND SPECIES DIFFERENCES. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1454.	2.2	18
176	Structure-Dependent Induction of CYP1A by Polychlorinated Biphenyls in Hepatocytes of Cynomolgus Monkeys ( <i>Macaca fascicularis</i> ). <i>Toxicology and Applied Pharmacology</i> , 1999, 155, 13-23.	1.3	24
177	Assessment of PCBs and Hydroxylated PCBs as Potential Xenoestrogens: In Vitro Studies Based on MCF-7 Cell Proliferation and Induction of Vitellogenin in Primary Culture of Rainbow Trout Hepatocytes. <i>Archives of Environmental Contamination and Toxicology</i> , 1999, 37, 145-150.	2.1	62
178	The internal barriers of rotation for the 209 polychlorinated biphenyls. <i>Environmental Science and Pollution Research</i> , 1999, 6, 126-126.	2.7	5
179	Influence of Variation in Combustion Conditions on the Primary Formation of Chlorinated Organic Micropollutants during Municipal Solid Waste Combustion. <i>Environmental Science &amp; Technology</i> , 1999, 33, 4263-4269.	4.6	52
180	The Impact on Reproduction of an Orally Administered Mixture of Selected PCBs in Zebrafish ( <i>Danio rerio</i> ) Following Maternal Exposure to a Mixture of Selected PCBs. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1778-84.	2.1	84

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181	Distribution of selected polychlorinated biphenyls (PCBs) in brain and liver of arctic char ( <i>Salvelinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 462	1.1	27
182	Developmental disturbances caused by polychlorinated biphenyls in zebrafish ( <i>Brachydanio rerio</i> ). <i>Marine Environmental Research</i> , 1998, 46, 461-464.	1.1	27
183	On the design and selection of polychlorinated biphenyls for use in biological test systems. <i>Marine Environmental Research</i> , 1998, 46, 113-116.	1.1	0
184	Toxic equivalency factors (TEFs) for PCBs, PCDDs, PCDFs for humans and wildlife.. <i>Environmental Health Perspectives</i> , 1998, 106, 775-792.	2.8	2,883
185	The internal barriers of rotation for the 209 polychlorinated biphenyls. <i>Environmental Science and Pollution Research</i> , 1997, 4, 75-81.	2.7	44
186	Inhibition of ethoxyresorufin-O-deethylase (EROD) activity in mixtures of 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls: EROD activity as biomarker in TCDD and PCB risk assessment. <i>Environmental Science and Pollution Research</i> , 1997, 4, 188-188.	2.7	0
187	Ultraviolet absorption spectra of all 209 polychlorinated biphenyls evaluated by principal component analysis. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 357, 1088-1092.	1.5	22
188	Multivariate modeling of pcb bioaccumulation in three-spined stickleback ( <i>Gasterosteus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	2.2	28
189	Ultraviolet absorption characteristics and calculated semi-empirical parameters as chemical descriptors in multivariate modelling of polychlorinated biphenyls. <i>Journal of Chemometrics</i> , 1996, 10, 171-185.	0.7	40
190	MULTIVARIATE MODELING OF PCB BIOACCUMULATION IN THREE-SPINED STICKLEBACK ( <i>GASTEROSTEUS</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	2.2	24
191	A multivariate approach to risk assessment of environmentally occurring chemicals. <i>Mathematical and Computer Modelling</i> , 1995, 21, 49-54.	2.0	3
192	Multivariate QSBR modeling of biodehalogenation half-lives of halogenated aliphatic hydrocarbons. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 209-217.	2.2	14
193	Individual PCBs as predictors for concentrations of non and mono-ortho PCBs in human milk. <i>Environmental Science and Pollution Research</i> , 1995, 2, 73-82.	2.7	15
194	Inhibition of ethoxyresorufin-O-deethylase (EROD) activity in mixtures of 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls. <i>Environmental Science and Pollution Research</i> , 1995, 2, 211-216.	2.7	22
195	Multivariate structure-activity relationships for pharmacokinetic uptake/elimination curves of polychlorinated dibenzofurans in adipose tissue for four animal species. <i>Toxicological and Environmental Chemistry</i> , 1995, 52, 45-56.	0.6	0
196	Selection of Polychlorinated Biphenyls for use in Quantitative Structure-Activity Modelling. SAR and QSAR in <i>Environmental Research</i> , 1995, 4, 11-19.	1.0	30
197	Modelling the Cytotoxicity of Halogenated Aliphatic Hydrocarbons. Quantitative Structure-Activity Relationships for the IC50 to Human HeLa Cells. <i>QSAR and Combinatorial Science</i> , 1993, 12, 124-131.	1.4	11
198	Multivariate quantitative structure-activity relationships for polychlorinated dibenzo-p-dioxins and dibenzofurans. <i>Environmental Toxicology and Chemistry</i> , 1993, 12, 659-672.	2.2	18

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199	Ultraviolet absorption characteristics of all tetra-to octachlorinated dibenzofurans. Chemosphere, 1993, 27, 535-546.	4.2	15
200	Atmospheric transport and transformation of polychlorinated dibenzo-p-dioxins and dibenzofurans. Environmental Science & Technology, 1993, 27, 2190-2197.	4.6	108
201	Multivariate characterization and modeling of polychlorinated dibenzo-p-dioxins and dibenzofurans. Environmental Science & Technology, 1992, 26, 1023-1030.	4.6	47
202	Photolytic transformation of polychlorinated dioxins and dibenzofurans in fly ash. Chemosphere, 1991, 23, 1365-1375.	4.2	26
203	Overview on environmental fate of chlorinated dioxins and dibenzofurans. Sources, levels and isomeric pattern in various matrices. Chemosphere, 1987, 16, 1603-1618.	4.2	193