Mats Tysklind

List of Publications by Year
in descending order

203 papers	17,543 citations	31976 53 h-index	14208 128 g-index
205 all docs	205 docs citations	205 times ranked	14312 citing authors

#	Article	IF	Citations
1	The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds. Toxicological Sciences, 2006, 93, 223-241.	3.1	3,071
2	Toxic equivalency factors (TEFs) for PCBs, PCDDs, PCDFs for humans and wildlife.. Environmental Health Perspectives, 1998, 106, 775-792.	6.0	2,883
3	Contamination of surface, ground, and drinking water from pharmaceutical production. Environmental Toxicology and Chemistry, 2009, 28, 2522-2527.	4.3	783
4	Photolytic Debromination of Decabromodiphenyl Ether (BDE 209). Environmental Science & Technology, 2004, 38, 127-132.	10.0	555
5	Screening of Human Antibiotic Substances and Determination of Weekly Mass Flows in Five Sewage Treatment Plants in Sweden. Environmental Science & Technology, 2005, 39, 3421-3429.	10.0	508
6	Sources, Fate, and Toxic Hazards of Oxygenated Polycyclic Aromatic Hydrocarbons (PAHs) at PAH-contaminated Sites. Ambio, 2007, 36, 475-485.	5.5	378
7	Determination of antibiotic substances in hospital sewage water using solid phase extraction and liquid chromatography/mass spectrometry and group analogue internal standards. Chemosphere, 2004, 57, 1479-1488.	8.2	371
8	Dioxin- and POP-contaminated sitesâ€"contemporary and future relevance and challenges. Environmental Science and Pollution Research, 2008, 15, 363-393.	5.3	322
9	Behavior of Fluoroquinolones and Trimethoprim during Mechanical, Chemical, and Active Sludge Treatment of Sewage Water and Digestion of Sludge. Environmental Science & Technology, 2006, 40, 1042-1048.	10.0	298
10	Determination of sorption of seventy-five pharmaceuticals in sewage sludge. Water Research, 2011, 45, 4470-4482.	11.3	233
11	Elucidating selection processes for antibiotic resistance in sewage treatment plants using metagenomics. Science of the Total Environment, 2016, 572, 697-712.	8.0	213
12	Therapeutic Levels of Levonorgestrel Detected in Blood Plasma of Fish: Results from Screening Rainbow Trout Exposed to Treated Sewage Effluents. Environmental Science & Technology, 2010, 44, 2661-2666.	10.0	200
13	Polybrominated Dibenzo-p-Dioxins, Dibenzofurans, and Biphenyls: Inclusion in the Toxicity Equivalency Factor Concept for Dioxin-Like Compounds. Toxicological Sciences, 2013, 133, 197-208.	3.1	197
14	Overview on environmental fate of chlorinated dioxins and dibenzofurans. Sources, levels and isomeric pattern in various matrices. Chemosphere, 1987, 16, 1603-1618.	8.2	193
15	Assessing the environmental fate of chemicals of emerging concern: a case study of the polybrominated diphenyl ethers. Environmental Pollution, 2002, 117, 195-213.	7.5	188
16	Predicted critical environmental concentrations for 500 pharmaceuticals. Regulatory Toxicology and Pharmacology, 2010, 58, 516-523.	2.7	187
17	Screening of biocides, metals and antibiotics in Swedish sewage sludge and wastewater. Water Research, 2017, 115, 318-328.	11.3	176
18	Minimal selective concentrations of tetracycline in complex aquatic bacterial biofilms. Science of the Total Environment, 2016, 553, 587-595.	8.0	166

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19	Projected future climate change and Baltic Sea ecosystem management. Ambio, 2015, 44, 345-356.	5.5	163
20	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. Journal of Hazardous Materials, 2007, 149, 86-96.	12.4	159
21	Effect of Sewage-Sludge Application on Concentrations of Higher-Brominated Diphenyl Ethers in Soils and Earthworms. Environmental Science & Technology, 2005, 39, 9064-9070.	10.0	145
22	Improving Environmental Risk Assessment of Human Pharmaceuticals. Environmental Science & Technology, 2015, 49, 5336-5345.	10.0	141
23	Megavariate analysis of environmental QSAR data. Part I â€“ A basic framework founded on principal component analysis (PCA), partial least squares (PLS), and statistical molecular design (SMD). Molecular Diversity, 2006, 10, 169-186.	3.9	133
24	The Enantioselective Bioaccumulation of Chiral Chlordane and Î±-HCH Contaminants in the Polar Bear Food Chain. Environmental Science & Technology, 2000, 34, 2668-2674.	10.0	130
25	Identification of sources of heavy metals in agricultural soils using multivariate analysis and GIS. Journal of Soils and Sediments, 2013, 13, 720-729.	3.0	129
26	Multi-residue method for trace level determination of pharmaceuticals in environmental samples using liquid chromatography coupled to triple quadrupole mass spectrometry. Talanta, 2012, 100, 183-195.	5.5	128
27	Required ozone doses for removing pharmaceuticals from wastewater effluents. Science of the Total Environment, 2013, 456-457, 42-49.	8.0	117
28	QUANTITATIVE STRUCTUREâ€“ACTIVITY RELATIONSHIP MODELING ON IN VITRO ENDOCRINE EFFECTS AND METABOLIC STABILITY INVOLVING 26 SELECTED BROMINATED FLAME RETARDANTS. Environmental Toxicology and Chemistry, 2007, 26, 816.	4.3	113
29	Environmental risk assessment of antibiotics in the Swedish environment with emphasis on sewage treatment plants. Water Research, 2007, 41, 613-619.	11.3	111
30	Atmospheric transport and transformation of polychlorinated dibenzo-p-dioxins and dibenzofurans. Environmental Science & Technology, 1993, 27, 2190-2197.	10.0	108
31	Northern green algae have the capacity to remove active pharmaceutical ingredients. Ecotoxicology and Environmental Safety, 2019, 170, 644-656.	6.0	103
32	Pressurised liquid extraction of polycyclic aromatic hydrocarbons from contaminated soils. Journal of Chromatography A, 2000, 883, 151-162.	3.7	100
33	Screening of antimycotics in Swedish sewage treatment plants â€“ Waters and sludge. Water Research, 2010, 44, 649-657.	11.3	98
34	Pharmaceutical residues are widespread in Baltic Sea coastal and offshore waters â€“ Screening for pharmaceuticals and modelling of environmental concentrations of carbamazepine. Science of the Total Environment, 2018, 633, 1496-1509.	8.0	98
35	Assessment of the environmental impact of polymeric membrane production. Journal of Membrane Science, 2021, 622, 118987.	8.2	92
36	Contaminant exposure and effects in Baltic ringed and grey seals as assessed by biomarkers. Marine Environmental Research, 2003, 55, 73-99.	2.5	90

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37	A machine learning framework to improve effluent quality control in wastewater treatment plants. Science of the Total Environment, 2021, 784, 147138.	8.0	87
38	The Impact on Reproduction of an Orally Administered Mixture of Selected PCBs in Zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.1	84
39	Antiviral Oseltamivir Is not Removed or Degraded in Normal Sewage Water Treatment: Implications for Development of Resistance by Influenza A Virus. PLoS ONE, 2007, 2, e986.	2.5	83
40	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. Ecotoxicology, 2002, 11, 323-336.	2.4	82
41	Accumulation and elimination of 16 polycyclic aromatic compounds in the earthworm (Eisenia) Tj ETQq1 1 0.784314 rgBT /Overlock	4.3	81
42	Towards better process management in wastewater treatment plants: Process analytics based on SHAP values for tree-based machine learning methods. Journal of Environmental Management, 2022, 301, 113941.	7.8	77
43	Dioxin concentrations in sediments of the Baltic Sea â€“ A survey of existing data. Chemosphere, 2007, 67, 1762-1775.	8.2	76
44	Oxidation of emerging biocides and antibiotics in wastewater by ozonation and the electro-peroxone process. Chemosphere, 2019, 235, 575-585.	8.2	72
45	Does antifouling paint select for antibiotic resistance?. Science of the Total Environment, 2017, 590-591, 461-468.	8.0	70
46	Comparison of techniques for estimating PAH bioavailability: Uptake in Eisenia fetida, passive samplers and leaching using various solvents and additives. Environmental Pollution, 2007, 145, 154-160.	7.5	69
47	Application of sewage sludge to arable landâ€“soil concentrations of polybrominated diphenyl ethers and polychorinated dibenzoâ€pâ€dioxins, dibenzofurans, and biphenyls, and their accumulation in earthworms. Environmental Toxicology and Chemistry, 2002, 21, 2515-2525.	4.3	64
48	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. Archives of Environmental Contamination and Toxicology, 1999, 37, 145-150.	4.1	62
49	Effect of full-scale ozonation and pilot-scale granular activated carbon on the removal of biocides, antimycotics and antibiotics in a sewage treatment plant. Science of the Total Environment, 2019, 649, 1117-1123.	8.0	61
50	Cancer Risk Assessment of Polycyclic Aromatic Hydrocarbon Contaminated Soils Determined Using Bioassay-Derived Levels of Benzo[a]pyrene Equivalents. Environmental Science & Technology, 2015, 49, 1797-1805.	10.0	58
51	Using river sediments to analyze the driving force difference for non-point source pollution dynamics between two scales of watersheds. Water Research, 2018, 139, 311-320.	11.3	56
52	Application of sewage sludge to arable land-soil concentrations of polybrominated diphenyl ethers and polychorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls, and their accumulation in earthworms. Environmental Toxicology and Chemistry, 2002, 21, 2515-25.	4.3	55
53	Bioaccumulation of Selected PCBs in Zebrafish, Three-Spined Stickleback, and Arctic Char After Three Different Routes of Exposure. Archives of Environmental Contamination and Toxicology, 2001, 40, 519-530.	4.1	54
54	Effect of Polychlorinated Biphenyls on the Uptake of Dopamine into Rat Brain Synaptic Vesicles: A Structureâ€“Activity Study. Toxicology and Applied Pharmacology, 2001, 175, 176-183.	2.8	54

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55	Levels of chlorinated compounds (CPs, PCPPs, PCDEs, PCDFs and PCDDs) in soils at contaminated sawmill sites in Sweden. Chemosphere, 2007, 66, 234-242.	8.2	54
56	Typical agricultural diffuse herbicide sorption with agricultural waste-derived biochars amended soil of high organic matter content. Water Research, 2016, 92, 156-163.	11.3	54
57	PCDD/F Source Apportionment in the Baltic Sea Using Positive Matrix Factorization. Environmental Science & Technology, 2010, 44, 1690-1697.	10.0	53
58	Influence of Variation in Combustion Conditions on the Primary Formation of Chlorinated Organic Micropollutants during Municipal Solid Waste Combustion. Environmental Science & Technology, 1999, 33, 4263-4269.	10.0	52
59	Mutagenic hazards of complex polycyclic aromatic hydrocarbon mixtures in contaminated soil. Environmental Toxicology and Chemistry, 2008, 27, 978-990.	4.3	52
60	Temporal-spatial patterns of three types of pesticide loadings in a middle-high latitude agricultural watershed. Water Research, 2017, 122, 377-386.	11.3	51
61	Dioxin - contemporary and future challenges of historical legacies. Environmental Science and Pollution Research, 2008, 15, 96-100.	5.3	49
62	Use of Cl and C Isotopic Fractionation to Identify Degradation and Sources of Polychlorinated Phenols: Mechanistic Study and Field Application. Environmental Science & Technology, 2013, 47, 790-797.	10.0	48
63	Multivariate characterization and modeling of polychlorinated dibenzo-p-dioxins and dibenzofurans. Environmental Science & Technology, 1992, 26, 1023-1030.	10.0	47
64	Origin of PCDDs in Ball Clay Assessed with Compound-Specific Chlorine Isotope Analysis and Radiocarbon Dating. Environmental Science & Technology, 2006, 40, 3730-3735.	10.0	47
65	Detailed mass flows and removal efficiencies for biocides and antibiotics in Swedish sewage treatment plants. Science of the Total Environment, 2018, 640-641, 327-336.	8.0	46
66	Levels and homologue profiles of PCDD/Fs in sediments along the Swedish coast of the Baltic Sea. Environmental Science and Pollution Research, 2009, 16, 396-409.	5.3	45
67	Using soil function evaluation in multi-criteria decision analysis for sustainability appraisal of remediation alternatives. Science of the Total Environment, 2014, 485-486, 785-791.	8.0	45
68	The internal barriers of rotation for the 209 polychlorinated biphenyls. Environmental Science and Pollution Research, 1997, 4, 75-81.	5.3	44
69	Polychlorinated Naphthalene Levels, Distribution, and Biomagnification in a Benthic Food Chain in the Baltic Sea. Environmental Science & Technology, 2002, 36, 5005-5013.	10.0	44
70	Time Trends of Selected Persistent Organic Pollutants in Lake Sediments from Greenland. Environmental Science & Technology, 2003, 37, 4319-4324.	10.0	44
71	Multivariate data analysis of organochlorines and brominated flame retardants in Baltic Sea guillemot (Uria aalge) egg and muscle. Chemosphere, 2006, 65, 1591-1599.	8.2	44
72	Comparison of Fenton's Reagent and Ozone Oxidation of Polycyclic Aromatic Hydrocarbons in Aged Contaminated Soils (7 pp). Journal of Soils and Sediments, 2006, 6, 208-214.	3.0	44

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73	Occurrence, transportation, and distribution difference of typical herbicides from estuary to bay. Environment International, 2019, 130, 104858.	10.0	44
74	Watershed soil Cd loss after long-term agricultural practice and biochar amendment under four rainfall levels. Water Research, 2017, 122, 692-700.	11.3	43
75	Congener fingerprints of tetra- through octa-chlorinated dibenzo-p-dioxins and dibenzofurans in Baltic surface sediments and their relations to potential sources. Chemosphere, 2009, 77, 612-620.	8.2	41
76	Ultraviolet absorption characteristics and calculated semi-empirical parameters as chemical descriptors in multivariate modelling of polychlorinated biphenyls. Journal of Chemometrics, 1996, 10, 171-185.	1.3	40
77	A review of halogenated natural products in Arctic, Subarctic and Nordic ecosystems. Emerging Contaminants, 2019, 5, 89-115.	4.9	40
78	Early lifeâ€stage mortality in zebrafish (Danio rerio) following maternal exposure to polychlorinated biphenyls and estrogen. Environmental Toxicology and Chemistry, 2000, 19, 1582-1588.	4.3	39
79	Polybrominated dibenzo-p-dioxins and dibenzofurans (PBDD/Fs) in e-waste plastic in Nigeria. Environmental Science and Pollution Research, 2015, 22, 14515-14529.	5.3	39
80	Occurrence, migration, and allocation of arsenic in multiple media of a typical semi-enclosed bay. Journal of Hazardous Materials, 2020, 384, 121313.	12.4	39
81	Sediment PAH source apportionment in the Liaohe River using the ME2 approach: A comparison to the PMF model. Science of the Total Environment, 2016, 553, 164-171.	8.0	37
82	Dioxins, chlorophenols and other chlorinated organic pollutants in colloidal and water fractions of groundwater from a contaminated sawmill site. Environmental Science and Pollution Research, 2008, 15, 463-471.	5.3	36
83	A sustainable performance assessment framework for circular management of municipal wastewater treatment plants. Journal of Cleaner Production, 2022, 339, 130657.	9.3	36
84	Environmental impact and cost assessment of a novel lignin production method. Journal of Cleaner Production, 2021, 279, 123515.	9.3	34
85	Environmental Impact and Environmental Cost Assessment of Methanol Production from wood biomass. Environmental Pollution, 2020, 265, 114990.	7.5	33
86	Activation of Respiratory Burst in Human Granulocytes by Polychlorinated Biphenyls: A Structureâ€“Activity Study. Toxicology and Applied Pharmacology, 2000, 167, 118-124.	2.8	32
87	Temporal Trends of PCDD/Fs in Baltic Sea Sediment Cores Covering the 20th Century. Environmental Science & Technology, 2014, 48, 947-953.	10.0	32
88	Dietary uptake and elimination of selected polychlorinated biphenyl congeners and hexachlorobenzene in earthworms. Environmental Toxicology and Chemistry, 2001, 20, 1778-1784.	4.3	31
89	Flux estimates and sedimentation of polychlorinated naphthalenes in the northern part of the baltic sea. Environmental Pollution, 2003, 126, 93-105.	7.5	31
90	A bibliometric analysis of global research progress on pharmaceutical wastewater treatment during 1994â€“2013. Environmental Earth Sciences, 2015, 73, 4995-5005.	2.7	31

#	Article	IF	Citations
91	Selection of Polychlorinated Biphenyls for use in Quantitative Structure-Activity Modelling. SAR and QSAR in Environmental Research, 1995, 4, 11-19.	2.2	30
92	Fluoroquinolone Antibiotics in a Hospital Sewage Line; Occurrence, Distribution and Impact on Bacterial Resistance. Scandinavian Journal of Infectious Diseases, 2004, 36, 752-755.	1.5	30
93	Atmospheric pathways of chlorinated pesticides and natural bromoanisoles in the northern Baltic Sea and its catchment. Ambio, 2015, 44, 472-483.	5.5	30
94	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. Chemosphere, 2008, 71, 1035-1042.	8.2	29
95	Heavy metal accumulation, geochemical fractions, and loadings in two agricultural watersheds with distinct climate conditions. Journal of Hazardous Materials, 2020, 389, 122125.	12.4	29
96	Multivariate modeling of pcb bioaccumulation in threeâ€spined stickleback (<i>Gasterosteus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	4.3	28
97	Partitioning of CPs, PCDEs, and PCDD/Fs between Particulate and Experimentally Enhanced Dissolved Natural Organic Matter in a Contaminated Soil. Environmental Science & Technology, 2006, 40, 6668-6673.	10.0	28
98	Effects of Organic Pollutants on Bacterial Communities Under Future Climate Change Scenarios. Frontiers in Microbiology, 2018, 9, 2926.	3.5	28
99	Fate of active pharmaceutical ingredients in a northern high-rate algal pond fed with municipal wastewater. Chemosphere, 2021, 271, 129763.	8.2	28
100	Developmental disturbances caused by polychlorinated biphenyls in zebrafish (Brachydanio rerio). Marine Environmental Research, 1998, 46, 461-464.	2.5	27
101	Photolytic transformation of polychlorinated dioxins and dibenzofurans in fly ash. Chemosphere, 1991, 23, 1365-1375.	8.2	26
102	Multivariate physicochemical characterisation and quantitative structureâ€“property relationship modelling of polybrominated diphenyl ethers. Chemosphere, 2002, 47, 375-384.	8.2	26
103	Multivariate Data Analyses of Chlorinated and Brominated Contaminants and Biological Characteristics in Adult Guillemot (Uria aalge) from the Baltic Sea. Environmental Science & Technology, 2005, 39, 8630-8637.	10.0	26
104	The influence of soil composition on the leachability of selected hydrophobic organic compounds (HOCs) from soils using a batch leaching test. Journal of Hazardous Materials, 2013, 254-255, 26-35.	12.4	26
105	In Vitro Mammalian Mutagenicity of Complex Polycyclic Aromatic Hydrocarbon Mixtures in Contaminated Soils. Environmental Science & Technology, 2015, 49, 1787-1796.	10.0	26
106	Megavariate Analysis of Environmental QSAR Data. Part II â€“ Investigating Very Complex Problem Formulations Using Hierarchical, Non-Linear and Batch-Wise Extensions of PCA and PLS. Molecular Diversity, 2006, 10, 187-205.	3.9	25
107	Modelling the fate of hydrophobic organic contaminants in a boreal forest catchment: A cross disciplinary approach to assessing diffuse pollution to surface waters. Environmental Pollution, 2010, 158, 2964-2969.	7.5	25
108	Removal of pharmaceuticals in WWTP effluents by ozone and hydrogen peroxide. Water S A, 2014, 40, 165.	0.4	25

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109	Higher Fine Particle Fraction in Sediment Increased Phosphorus Flux to Estuary in Restored Yellow River Basin. Environmental Science & Technology, 2021, 55, 6783-6790.	10.0	25
110	Structure-Dependent Induction of CYP1A by Polychlorinated Biphenyls in Hepatocytes of Cynomolgus Monkeys (Macaca fascicularis). Toxicology and Applied Pharmacology, 1999, 155, 13-23.	2.8	24
111	Multivariate modeling of polychlorinated biphenylâ€“induced CYP1A activity in hepatocytes from three different species: Ranking scales and species differences. Environmental Toxicology and Chemistry, 2000, 19, 1454-1463.	4.3	24
112	Dioxin removal from contaminated soils by ethanol washing. Journal of Hazardous Materials, 2010, 179, 393-399.	12.4	24
113	Leachability and desorption of PCBs from soil and their dependency on pH and dissolved organic matter. Science of the Total Environment, 2014, 499, 220-227.	8.0	24
114	Assessment of PCDD/F Source Contributions in Baltic Sea Sediment Core Records. Environmental Science & Technology, 2014, 48, 9531-9539.	10.0	24
115	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. ACS Sustainable Chemistry and Engineering, 2019, 7, 4951-4963.	6.7	24
116	MULTIVARIATE MODELING OF PCB BIOACCUMULATION IN THREE-SPINED STICKLEBACK (GASTEROSTEUS) Tj ETQq0 0 0 rgBT /Overlock	4.3	24
117	Viral load is a negative predictor of antioxidant levels in hepatitis C patients. Scandinavian Journal of Infectious Diseases, 2005, 37, 686-689.	1.5	23
118	Effects of predicted climatic changes on distribution of organic contaminants in brackish water mesocosms. Science of the Total Environment, 2015, 517, 10-21.	8.0	23
119	Inhibition of ethoxyresorufin-O-deethylase (EROD) activity in mixtures of 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls. Environmental Science and Pollution Research, 1995, 2, 211-216.	5.3	22
120	Ultraviolet absorption spectra of all 209 polychlorinated biphenyls evaluated by principal component analysis. Fresenius' Journal of Analytical Chemistry, 1997, 357, 1088-1092.	1.5	22
121	Impact of Polychlorinated Naphthalenes (PCNs) in Juvenile Baltic Salmon, Salmo salar: Evaluation of Estrogenic Effects, Development, and CYP1A Induction. Archives of Environmental Contamination and Toxicology, 2000, 38, 225-233.	4.1	22
122	Black carbon-dominated PCDD/Fs sorption to soils at a former wood impregnation site. Chemosphere, 2008, 72, 1455-1461.	8.2	22
123	Will Climate Change Influence Production and Environmental Pathways of Halogenated Natural Products?. Environmental Science & Technology, 2020, 54, 6468-6485.	10.0	22
124	Neuroactive drugs and other pharmaceuticals found in blood plasma of wild European fish. Environment International, 2021, 146, 106188.	10.0	22
125	Investigations into the Vertical Distribution of PCDDs and Mineralogy in Three Ball Clay Cores from the United States Exhibiting the Natural Formation Pattern. Environmental Science & Technology, 2004, 38, 4956-4963.	10.0	21
126	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). Resources, Conservation and Recycling, 2018, 133, 404-416.	10.8	21

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127	Toxicity and neurotoxicity profiling of contaminated sediments from Gulf of Bothnia (Sweden): a multi-endpoint assay with Zebrafish embryos. Environmental Sciences Europe, 2019, 31, .	5.5	21
128	Typical herbicide residues, trophic transfer, bioconcentration, and health risk of marine organisms. Environment International, 2021, 152, 106500.	10.0	21
129	Development of a high-performance liquid chromatography carbon column based method for the fractionation of dioxin-like polychlorinated biphenyls. Journal of Chromatography A, 2002, 962, 79-93.	3.7	20
130	Ah Receptor Agonists in UV-exposed Toluene Solutions of Decabromodiphenyl Ether (decaBDE) and in Soils Contaminated with Polybrominated Diphenyl Ethers (PBDEs) (9 pp). Environmental Science and Pollution Research, 2006, 13, 161-169.	5.3	20
131	Optimisation of corn straw biochar treatment with catalytic pyrolysis in intensive agricultural area. Ecological Engineering, 2015, 84, 278-286.	3.6	19
132	Multivariate quantitative structureâ€activity relationships for polychlorinated dibenzoâ€pâ€dioxins and dibenzofurans. Environmental Toxicology and Chemistry, 1993, 12, 659-672.	4.3	18
133	Field estimates of polyurethane foam â€“ air partition coefficients for hexachlorobenzene, alpha-hexachlorocyclohexane and bromoanisoles. Chemosphere, 2016, 159, 126-131.	8.2	18
134	Atmospheric Transport and Deposition of Bromoanisoles Along a Temperate to Arctic Gradient. Environmental Science & Technology, 2017, 51, 10974-10982.	10.0	18
135	Watershed diffuse pollution dynamics and response to land development assessment with riverine sediments. Science of the Total Environment, 2019, 659, 283-292.	8.0	18
136	Metabolic process and spatial partition dynamics of Atrazine in an estuary-to-bay system, Jiaozhou bay. Journal of Hazardous Materials, 2021, 414, 125530.	12.4	18
137	MULTIVARIATE MODELING OF POLYCHLORINATED BIPHENYLâ€“INDUCED CYP1A ACTIVITY IN HEPATOCYTES FROM THREE DIFFERENT SPECIES: RANKING SCALES AND SPECIES DIFFERENCES. Environmental Toxicology and Chemistry, 2000, 19, 1454.	4.3	18
138	Sea-air exchange of bromoanisoles and methoxylated bromodiphenyl ethers in the Northern Baltic. Marine Pollution Bulletin, 2016, 112, 58-64.	5.0	17
139	Characterization and classification of complex PAH samples using GCâ€“qMS and GCâ€“TOFMS. Chemosphere, 2006, 65, 2208-2215.	8.2	16
140	A multivariate chemical map of industrial chemicals â€“ Assessment of various protocols for identification of chemicals of potential concern. Chemosphere, 2009, 76, 878-884.	8.2	16
141	Exposure assessment at a PCDD/F contaminated site in Swedenâ€”field measurements of exposure media and blood serum analysis. Environmental Science and Pollution Research, 2010, 17, 26-39.	5.3	16
142	Regeneration of saturated activated carbon by electro-peroxone and ozonation: Fate of micropollutants and their transformation products. Science of the Total Environment, 2021, 776, 145723.	8.0	16
143	Wind Turbine Blades Using Recycled Carbon Fibers: An Environmental Assessment. Environmental Science & Technology, 2022, 56, 1267-1277.	10.0	16
144	Ultraviolet absorption characteristics of all tetra-to octachlorinated dibenzofurans. Chemosphere, 1993, 27, 535-546.	8.2	15

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145	Individual PCBs as predictors for concentrations of non and mono-ortho PCBs in human milk. Environmental Science and Pollution Research, 1995, 2, 73-82.	5.3	15
146	Multivariate characterization of polycyclic aromatic hydrocarbons using semi-empirical molecule orbital calculations and physical data. Chemosphere, 2003, 50, 627-637.	8.2	15
147	Post-combustion formation of PCDD, PCDF, PCBz, and PCPh in a laboratory-scale reactor: Influence of dibenzo-p-dioxin injection. Chemosphere, 2009, 76, 818-825.	8.2	15
148	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. Procedia CIRP, 2018, 69, 517-522.	1.9	15
149	Multivariate QSBR modeling of biodehalogenation halfâ€lives of halogenated aliphatic hydrocarbons. Environmental Toxicology and Chemistry, 1995, 14, 209-217.	4.3	14
150	Structure dependent induction of CYP1A by polychlorinated biphenyls in hepatocytes of male castrated pigs. Chemosphere, 2000, 41, 1697-1708.	8.2	14
151	A Statistical Resampling Method To Calculate Biomagnification Factors Exemplified with Organochlorine Data from Herring (Clupea harengus) Muscle and Guillemot (Uria aalge) Egg from the Baltic Sea. Environmental Science & Technology, 2005, 39, 8395-8402.	10.0	14
152	Characterization of dioxin-like contamination in soil and sediments from the â€œhot spotâ€•area of petrochemical plant in Pancevo (Serbia). Environmental Science and Pollution Research, 2011, 18, 677-686.	5.3	14
153	Evaluation of barrier materials for removing pollutants from groundwater rich in natural organic matter. Water Science and Technology, 2014, 70, 32-39.	2.5	14
154	Multivariate biological profiling and principal toxicity regions of compounds: the PCB case study. Journal of Chemometrics, 2002, 16, 497-509.	1.3	13
155	Airâ€“Water Exchange of Brominated Anisoles in the Northern Baltic Sea. Environmental Science & Technology, 2014, 48, 6124-6132.	10.0	13
156	Identification of resistant pharmaceuticals in ozonation using QSAR modeling and their fate in electro-peroxone process. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	6.0	13
157	Seasonal variations in atrazine degradation in a typical semienclosed bay of the northwest Pacific ocean. Environmental Pollution, 2021, 283, 117072.	7.5	13
158	Chlorinated pesticides and natural brominated anisoles in air at three northern Baltic stations. Environmental Pollution, 2017, 225, 381-389.	7.5	13
159	ASSESSMENT OF THE AVAILABILITY OF POLYCYCLIC AROMATIC HYDROCARBONS FROM GASWORKS SOIL USING DIFFERENT EXTRACTION SOLVENTS AND TECHNIQUES. Environmental Toxicology and Chemistry, 2004, 23, 1861.	4.3	12
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