

Mats Tysklind

List of Publications by Year in descending order

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203
papers

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31976

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205
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205
times ranked

14312
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#	ARTICLE	IF	CITATIONS
1	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
2	Wind Turbine Blades Using Recycled Carbon Fibers: An Environmental Assessment. Environmental Science & Technology, 2022, 56, 1267-1277.	10.0	16
3	A sustainable performance assessment framework for circular management of municipal wastewater treatment plants. Journal of Cleaner Production, 2022, 339, 130657.	9.3	36
4	Toward Delicate Anomaly Detection of Energy Consumption for Buildings: Enhance the Performance From Two Levels. IEEE Access, 2022, 10, 31649-31659.	4.2	1
5	Environmental impact and cost assessment of a novel lignin production method. Journal of Cleaner Production, 2021, 279, 123515.	9.3	34
6	Neuroactive drugs and other pharmaceuticals found in blood plasma of wild European fish. Environment International, 2021, 146, 106188.	10.0	22
7	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
8	Assessment of the environmental impact of polymeric membrane production. Journal of Membrane Science, 2021, 622, 118987.	8.2	92
9	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
10	Fate of active pharmaceutical ingredients in a northern high-rate algal pond fed with municipal wastewater. Chemosphere, 2021, 271, 129763.	8.2	28
11	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
12	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
13	Typical herbicide residues, trophic transfer, bioconcentration, and health risk of marine organisms. Environment International, 2021, 152, 106500.	10.0	21
14	Seasonal variations in atrazine degradation in a typical semienclosed bay of the northwest Pacific ocean. Environmental Pollution, 2021, 283, 117072.	7.5	13
15	A machine learning framework to improve effluent quality control in wastewater treatment plants. Science of the Total Environment, 2021, 784, 147138.	8.0	87
16	Assessment of forest-based biofuels for Arctic marine shipping. Resources, Conservation and Recycling, 2021, 174, 105763.	10.8	4
17	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
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 & Technology</i> , 2020, 54, 6468-6485.	10.0	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.	10.0	12
21	Environmental Impact and Environmental Cost Assessment of Methanol Production from wood biomass. <i>Environmental Pollution</i> , 2020, 265, 114990.	7.5	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.	12.4	29
23	Oxidation of emerging biocides and antibiotics in wastewater by ozonation and the electro-peroxone process. <i>Chemosphere</i> , 2019, 235, 575-585.	8.2	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.	3.2	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.	6.7	24
26	Occurrence, transportation, and distribution difference of typical herbicides from estuary to bay. <i>Environment International</i> , 2019, 130, 104858.	10.0	44
27	Bromoanisoles and methoxylated bromodiphenyl ethers in macroalgae from Nordic coastal regions. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 881-892.	3.5	12
28	A review of halogenated natural products in Arctic, Subarctic and Nordic ecosystems. <i>Emerging Contaminants</i> , 2019, 5, 89-115.	4.9	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, .	5.5	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.	6.7	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.	8.0	61
32	Northern green algae have the capacity to remove active pharmaceutical ingredients. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 644-656.	6.0	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.	8.0	18
34	Sources of polychlorinated dibenzo-p-dioxins and dibenzofurans to Baltic Sea herring. <i>Chemosphere</i> , 2019, 218, 493-500.	8.2	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.	3.6	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.	11.3	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.	8.0	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.	3.5	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.	10.8	21
40	Breakthrough during air sampling with polyurethane foam: What do PUF 2/PUF 1 ratios mean?. <i>Chemosphere</i> , 2018, 192, 267-271.	8.2	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.	1.9	15
42	Effects of Organic Pollutants on Bacterial Communities Under Future Climate Change Scenarios. <i>Frontiers in Microbiology</i> , 2018, 9, 2926.	3.5	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.	8.0	46
44	Screening of biocides, metals and antibiotics in Swedish sewage sludge and wastewater. <i>Water Research</i> , 2017, 115, 318-328.	11.3	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.	6.7	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.	11.3	51
47	Does antifouling paint select for antibiotic resistance?. <i>Science of the Total Environment</i> , 2017, 590-591, 461-468.	8.0	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.	3.5	9
49	Atmospheric Transport and Deposition of Bromoanisoles Along a Temperate to Arctic Gradient. <i>Environmental Science & Technology</i> , 2017, 51, 10974-10982.	10.0	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.	11.3	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.	6.3	10
52	Chlorinated pesticides and natural brominated anisoles in air at three northern Baltic stations. <i>Environmental Pollution</i> , 2017, 225, 381-389.	7.5	13
53	Field estimates of polyurethane foam – air partition coefficients for hexachlorobenzene, alpha-hexachlorocyclohexane and bromoanisoles. <i>Chemosphere</i> , 2016, 159, 126-131.	8.2	18
54	Sea-air exchange of bromoanisoles and methoxylated bromodiphenyl ethers in the Northern Baltic. <i>Marine Pollution Bulletin</i> , 2016, 112, 58-64.	5.0	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.	8.0	213
56	Minimal selective concentrations of tetracycline in complex aquatic bacterial biofilms. <i>Science of the Total Environment</i> , 2016, 553, 587-595.	8.0	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.	11.3	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.	8.0	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.	12.4	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 & Technology</i> , 2015, 49, 1797-1805.	10.0	58
61	In Vitro Mammalian Mutagenicity of Complex Polycyclic Aromatic Hydrocarbon Mixtures in Contaminated Soils. <i>Environmental Science & Technology</i> , 2015, 49, 1787-1796.	10.0	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.	3.7	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.	8.0	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.	2.7	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.	5.5	30
66	Projected future climate change and Baltic Sea ecosystem management. <i>Ambio</i> , 2015, 44, 345-356.	5.5	163
67	Improving Environmental Risk Assessment of Human Pharmaceuticals. <i>Environmental Science & Technology</i> , 2015, 49, 5336-5345.	10.0	141
68	Polybrominated dibenzo-p-dioxins and dibenzofurans (PBDD/Fs) in e-waste plastic in Nigeria. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14515-14529.	5.3	39
69	Optimisation of corn straw biochar treatment with catalytic pyrolysis in intensive agricultural area. <i>Ecological Engineering</i> , 2015, 84, 278-286.	3.6	19
70	Removal of pharmaceuticals in WWTP effluents by ozone and hydrogen peroxide. <i>Water S A</i> , 2014, 40, 165.	0.4	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.	2.5	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.	8.0	24

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73	Assessment of PCDD/F Source Contributions in Baltic Sea Sediment Core Records. <i>Environmental Science & Technology</i> , 2014, 48, 9531-9539.	10.0	24
74	Temporal Trends of PCDD/Fs in Baltic Sea Sediment Cores Covering the 20th Century. <i>Environmental Science & Technology</i> , 2014, 48, 947-953.	10.0	32
75	Air–Water Exchange of Brominated Anisoles in the Northern Baltic Sea. <i>Environmental Science & Technology</i> , 2014, 48, 6124-6132.	10.0	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.	8.0	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.	3.0	129
78	Required ozone doses for removing pharmaceuticals from wastewater effluents. <i>Science of the Total Environment</i> , 2013, 456-457, 42-49.	8.0	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.	12.4	26
80	Polybrominated Dibenzo-p-Dioxins, Dibenzofurans, and Biphenyls: Inclusion in the Toxicity Equivalency Factor Concept for Dioxin-Like Compounds. <i>Toxicological Sciences</i> , 2013, 133, 197-208.	3.1	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 & Technology</i> , 2013, 47, 790-797.	10.0	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.	2.2	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.	3.7	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.	5.5	128
85	Determination of sorption of seventy-five pharmaceuticals in sewage sludge. <i>Water Research</i> , 2011, 45, 4470-4482.	11.3	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.	8.0	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.	5.3	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.	5.3	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.	7.5	25
90	Predicted critical environmental concentrations for 500 pharmaceuticals. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 516-523.	2.7	187

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91	Dioxin removal from contaminated soils by ethanol washing. Journal of Hazardous Materials, 2010, 179, 393-399.	12.4	24
92	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
93	PCDD/F Source Apportionment in the Baltic Sea Using Positive Matrix Factorization. Environmental Science & Technology, 2010, 44, 1690-1697.	10.0	53
94	Screening of antimycotics in Swedish sewage treatment plants – Waters and sludge. Water Research, 2010, 44, 649-657.	11.3	98
95	Arsenic chemical species-dependent genotoxic potential in water extracts from two CCA-contaminated soils measured by DNA-repair deficient CHO-cells. Science of the Total Environment, 2009, 407, 4253-4260.	8.0	0
96	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
97	Contamination of surface, ground, and drinking water from pharmaceutical production. Environmental Toxicology and Chemistry, 2009, 28, 2522-2527.	4.3	783
98	Multivariate Relationships between Molecular Descriptors and Isomer Distribution Patterns of PCDD/Fs Formed during MSW Combustion. Environmental Science & Technology, 2009, 43, 7032-7038.	10.0	11
99	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
100	A multivariate chemical map of industrial chemicals – Assessment of various protocols for identification of chemicals of potential concern. Chemosphere, 2009, 76, 878-884.	8.2	16
101	Intra-individual variations and temporal trends in dioxin levels in human blood 1987–2002. Chemosphere, 2009, 76, 1557-1562.	8.2	5
102	Congener fingerprints of tetra- through octa-chlorinated dibenzo-p-dioxins and dibenzofurans in Baltic surface sediments and their relations to potential sources. Chemosphere, 2009, 77, 612-620.	8.2	41
103	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
104	Dioxin- and POP-contaminated sites – contemporary and future relevance and challenges. Environmental Science and Pollution Research, 2008, 15, 363-393.	5.3	322
105	Case studies on dioxin and POP contaminated sites: Contemporary and future relevance and challenges. Environmental Science and Pollution Research, 2008, 15, 95-95.	5.3	3
106	Dioxin - contemporary and future challenges of historical legacies. Environmental Science and Pollution Research, 2008, 15, 96-100.	5.3	49
107	Mutagenic hazards of complex polycyclic aromatic hydrocarbon mixtures in contaminated soil. Environmental Toxicology and Chemistry, 2008, 27, 978-990.	4.3	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. Chemosphere, 2008, 71, 1035-1042.	8.2	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.	8.2	22
110	Sources, Fate, and Toxic Hazards of Oxygenated Polycyclic Aromatic Hydrocarbons (PAHs) at PAH-contaminated Sites. <i>Ambio</i> , 2007, 36, 475-485.	5.5	378
111	Mobility of Chloroaromatic Compounds in Soil: Case Studies of Swedish Chlorophenol-contaminated Sawmill Sites. <i>Ambio</i> , 2007, 36, 452-457.	5.5	2
112	Model Selection and Evaluation for Risk Assessment of Dioxin-contaminated Sites. <i>Ambio</i> , 2007, 36, 458-466.	5.5	8
113	Environmental Hazard Screening of a Metal-polluted Site Using Pressurized Liquid Extraction and Two <i><i>In Vitro</i></i> Bioassays. <i>Ambio</i> , 2007, 36, 494-501.	5.5	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.	11.3	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.	7.5	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.	7.5	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.	8.2	54
118	Dioxin concentrations in sediments of the Baltic Sea – A survey of existing data. <i>Chemosphere</i> , 2007, 67, 1762-1775.	8.2	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.	12.4	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.	12.4	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.	4.3	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.	4.3	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.	2.5	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.	3.1	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 & Technology</i> , 2006, 40, 1042-1048.	10.0	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 & Technology</i> , 2006, 40, 6668-6673.	10.0	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 & Technology</i> , 2006, 40, 3730-3735.	10.0	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.	8.2	44
129	Characterization and classification of complex PAH samples using GC-qMS and GC-TOFMS. <i>Chemosphere</i> , 2006, 65, 2208-2215.	8.2	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.	5.3	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.	3.0	44
132	Megavariable 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.	3.9	133
133	Megavariable 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.	3.9	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 & Technology</i> , 2005, 39, 9064-9070.	10.0	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 & Technology</i> , 2005, 39, 8395-8402.	10.0	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 & Technology</i> , 2005, 39, 8630-8637.	10.0	26
138	Screening of Human Antibiotic Substances and Determination of Weekly Mass Flows in Five Sewage Treatment Plants in Sweden. <i>Environmental Science & Technology</i> , 2005, 39, 3421-3429.	10.0	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.	4.3	12
141	Olfactory mucosal toxicity screening and multivariate QSAR modeling for chlorinated benzene derivatives. <i>Archives of Toxicology</i> , 2004, 78, 706-715.	4.2	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 & Technology</i> , 2004, 38, 4956-4963.	10.0	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.	8.2	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.	8.2	371

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145	Photolytic Debromination of Decabromodiphenyl Ether (BDE 209). Environmental Science & Technology, 2004, 38, 127-132.	10.0	555
146	Time Trends of Selected Persistent Organic Pollutants in Lake Sediments from Greenland. Environmental Science & Technology, 2003, 37, 4319-4324.	10.0	44
147	Multivariate characterization of polycyclic aromatic hydrocarbons using semi-empirical molecule orbital calculations and physical data. Chemosphere, 2003, 50, 627-637.	8.2	15
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168	Pressurised liquid extraction of polycyclic aromatic hydrocarbons from contaminated soils. <i>Journal of Chromatography A</i> , 2000, 883, 151-162.	3.7	100
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178	The internal barriers of rotation for the 209 polychlorinated biphenyls. <i>Environmental Science and Pollution Research</i> , 1999, 6, 126-126.	5.3	5
179	Influence of Variation in Combustion Conditions on the Primary Formation of Chlorinated Organic Micropollutants during Municipal Solid Waste Combustion. <i>Environmental Science & Technology</i> , 1999, 33, 4263-4269.	10.0	52
180	The Impact on Reproduction of an Orally Administered Mixture of Selected PCBs in Zebrafish (<i>Danio</i>) Tj ETQq0 0 0 rgBT /Overclock 10 Tf	4.1	84

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198	Multivariate quantitative structureâ€activity relationships for polychlorinated dibenzoâ€<i>p</i>â€dioxins and dibenzofurans. Environmental Toxicology and Chemistry, 1993, 12, 659-672.	4.3	18

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