Thomas M Holsen

List of Publications by Year
in descending order

205	9,738	41627	54771
papers	citations	51 h-index	88 g-index

210	210	210	8137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioaccumulation of perfluoroalkyl substances in a Lake Ontario food web. Journal of Great Lakes Research, 2022, 48, 315-325.	0.8	17
2	Proteomic analysis of the lake trout (Salvelinus namaycush) heart and blood: The beginning of a comprehensive lake trout protein database. Proteomics, 2022, 22, e2100146.	1.3	2
3	Proximity to Riparian Wetlands Increases Mercury Burden in Fish in the Upper St. Lawrence River. Water (Switzerland), 2022, 14, 70.	1.2	0
4	Bioaccumulation of polyfluoroalkyl substances in the Lake Huron aquatic food web. Science of the Total Environment, 2022, 819, 152974.	3.9	17
5	Optimization of a gasâ€“liquid plasma reactor for water treatment applications: Design guidelines and electrical circuit considerations. Plasma Processes and Polymers, 2022, 19, .	1.6	6
6	Treatment of PFAS-containing landfill leachate using an enhanced contact plasma reactor. Journal of Hazardous Materials, 2021, 408, 124452.	6.5	59
7	Field Demonstration of a Pilot-Scale Plasma Reactor for the Rapid Removal of Poly- and Perfluoroalkyl Substances in Groundwater. ACS ES&T Water, 2021, 1, 680-687.	2.3	35
8	Nontargeted Discovery of Novel Contaminants in the Great Lakes Region: A Comparison of Fish Fillets and Fish Consumers. Environmental Science & Technology, 2021, 55, 3765-3774.	4.6	26
9	Efficient Removal of Per- and Polyfluoroalkyl Substances from Water with Zirconium-Based Metalâ€“Organic Frameworks. Chemistry of Materials, 2021, 33, 3276-3285.	3.2	79
10	Legacy contaminant-stable isotope-age relationships in Lake Ontario year-class Alewife (Alosa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.8	3
11	Treatment of Azole-Containing Industrial Wastewater by the Fenton Process. Industrial & Engineering Chemistry Research, 2021, 60, 9716-9728.	1.8	5
12	Trends (2005â€“2016) of perfluoroalkyl acids in top predator fish of the Laurentian Great Lakes. Science of the Total Environment, 2021, 778, 146151.	3.9	12
13	Influence of solution electrical conductivity and ionic composition on the performance of a gasâ€“liquid pulsed spark discharge reactor for water treatment. Journal of Applied Physics, 2021, 130, .	1.1	12
14	Comparison of hydrogen peroxide-based advanced oxidation processes for the treatment of azole-containing industrial wastewater. Chemical Engineering Journal, 2021, 425, 131785.	6.6	27
15	Systematic Study on the Removal of Per- and Polyfluoroalkyl Substances from Contaminated Groundwater Using Metalâ€“Organic Frameworks. Environmental Science & Technology, 2021, 55, 15162-15171.	4.6	73
16	Mercury distribution in an Upper St. Lawrence River wetland dominated by cattail (Typha angustifolia). Wetlands, 2021, 41, 1.	0.7	2
17	Characterization of Halogenated Organic Compounds in Pelagic Sharks and Sea Turtles Using a Nontargeted Approach. Environmental Science & Technology, 2021, 55, 16390-16401.	4.6	10
18	Nontargeted Screening of Halogenated Organic Compounds in Fish Fillet Tissues from the Great Lakes. Environmental Science & Technology, 2020, 54, 15035-15045.	4.6	20

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19	Decadal Differences in Emerging Halogenated Contaminant Profiles in Great Lakes Top Predator Fish. Environmental Science & Technology, 2020, 54, 14352-14360.	4.6	12
20	Removal of Poly- and Per-Fluorinated Compounds from Ion Exchange Regenerant Still Bottom Samples in a Plasma Reactor. Environmental Science & Technology, 2020, 54, 13973-13980.	4.6	56
21	Evaluation of PFAS treatment technology: Alkaline ozonation. Remediation, 2020, 30, 27-37.	1.1	7
22	Simulation of atmospheric mercury dispersion and deposition in Tehran city. Air Quality, Atmosphere and Health, 2020, 13, 529-541.	1.5	4
23	Concentrations and Long-Term Temporal Trends of Hexabromocyclododecanes (HBCDD) in Lake Trout and Walleye from the Great Lakes. Environmental Science & Technology, 2020, 54, 6134-6141.	4.6	9
24	Influence of groundwater conditions and coâ€contaminants on sorption of perfluoroalkyl compounds on granular activated carbon. Remediation, 2019, 29, 5-15.	1.1	22
25	Ambient Ammonia Concentrations Across New York State. Journal of Geophysical Research D: Atmospheres, 2019, 124, 8287-8302.	1.2	41
26	Non-targeted Screening in Environmental Monitoring Programs. Advances in Experimental Medicine and Biology, 2019, 1140, 731-741.	0.8	3
27	Developing Well-Annotated Species-Specific Protein Databases Using Comparative Proteogenomics. Advances in Experimental Medicine and Biology, 2019, 1140, 389-400.	0.8	8
28	Proteomic Analysis of the Lake Trout (Salvelinus namaycush) Liver Identifies Proteins from Evolutionarily Close and â€Distant Fish Relatives. Proteomics, 2019, 19, e1800429.	1.3	8
29	Rapid Removal of Poly- and Perfluorinated Compounds from Investigation-Derived Waste (IDW) in a Pilot-Scale Plasma Reactor. Environmental Science & Technology, 2019, 53, 11375-11382.	4.6	86
30	Spatial and Temporal Trends (2004â€“2016) of Selected Alternative Flame Retardants in Fish of the Laurentian Great Lakes. Environmental Science & Technology, 2019, 53, 1786-1796.	4.6	12
31	A novel ecological state at Bear Pond (Adirondack Mountains, NY, USA) following acidification and partial recovery. Lake and Reservoir Management, 2019, 35, 208-223.	0.4	3
32	Legacy Polybrominated Diphenyl Ethers (PBDEs) Trends in Top Predator Fish of the Laurentian Great Lakes (GL) from 1979 to 2016: Will Concentrations Continue to Decrease?. Environmental Science & Technology, 2019, 53, 6650-6659.	4.6	32
33	Assessment of mercury mobilization potential in Upper St. Lawrence River riparian wetlands under new water level regulation management. Journal of Great Lakes Research, 2019, 45, 735-741.	0.8	5
34	Physico-Chemical Processes for the Treatment of Per- And Polyfluoroalkyl Substances (PFAS): A review. Critical Reviews in Environmental Science and Technology, 2019, 49, 866-915.	6.6	168
35	The Role of High Voltage Electrode Material in the Inactivation of E. coli by Direct-in-Liquid Electrical Discharge Plasma. Plasma Chemistry and Plasma Processing, 2019, 39, 577-596.	1.1	9
36	Breakdown Products from Perfluorinated Alkyl Substances (PFAS) Degradation in a Plasma-Based Water Treatment Process. Environmental Science & Technology, 2019, 53, 2731-2738.	4.6	245

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37	Automated Isotopic Profile Deconvolution for High Resolution Mass Spectrometric Data (APGC-QToF) from Biological Matrices. Analytical Chemistry, 2019, 91, 15509-15517.	3.2	22
38	Inhibition of Perchlorate Formation during the Electrochemical Oxidation of Perfluoroalkyl Acid in Groundwater. Environmental Science and Technology Letters, 2019, 6, 775-780.	3.9	53
39	Towards the development of a standardized method for extraction and analysis of PFAS in biological tissues. Environmental Science: Water Research and Technology, 2019, 5, 1876-1886.	1.2	10
40	Temporal trends of PCBs and DDTs in Great Lakes fish compared to those in air. Science of the Total Environment, 2019, 646, 1413-1418.	3.9	20
41	Changes in Adsorption Behavior of Perfluorooctanoic Acid and Perfluorohexanesulfonic Acid Through Chemically-Facilitated Surface Modification of Granular Activated Carbon. Environmental Engineering Science, 2019, 36, 453-465.	0.8	14
42	Ambient mercury source identification at a New York State urban site: Rochester, NY. Science of the Total Environment, 2019, 650, 1327-1337.	3.9	21
43	CYP1A1 gene polymorphisms modify the association between PM10 exposure and lung function. Chemosphere, 2018, 203, 353-359.	4.2	9
44	Factors Affecting Mercury Stable Isotopic Distribution in Piscivorous Fish of the Laurentian Great Lakes. Environmental Science & Technology, 2018, 52, 2768-2776.	4.6	49
45	Comprehensive Analysis of the Great Lakes Top Predator Fish for Novel Halogenated Organic Contaminants by GCÃ—GC-HR-ToF Mass Spectrometry. Environmental Science & Technology, 2018, 52, 2909-2917.	4.6	46
46	Estimation of CO 2 emissions from waste incinerators: Comparison of three methods. Waste Management, 2018, 73, 247-255.	3.7	14
47	Polychlorinated biphenyls and organochlorine pesticides concentration patterns and trends in top predator fish of Laurentian Great Lakes from 1999 to 2014. Journal of Great Lakes Research, 2018, 44, 716-724.	0.8	28
48	Bioaccumulation and Spatiotemporal Trends of Polyhalogenated Carbazoles in Great Lakes Fish from 2004 to 2016. Environmental Science & Technology, 2018, 52, 4536-4545.	4.6	55
49	Age-Corrected Trends and Toxic Equivalence of PCDD/F and CP-PCBs in Lake Trout and Walleye from the Great Lakes: 2004â€“2014. Environmental Science & Technology, 2018, 52, 712-721.	4.6	24
50	Mercury pollution, information, and property values. Journal of Environmental Economics and Management, 2018, 92, 418-432.	2.1	14
51	Mercury wet deposition and speciated mercury air concentrations at rural and urban sites across New York state: Temporal patterns, sources and scavenging coefficients. Science of the Total Environment, 2018, 637-638, 943-953.	3.9	25
52	ÂÂChemical reaction mechanisms accompanying pulsed electrical discharges in liquid methanol. Plasma Processes and Polymers, 2018, 15, 1800019.	1.6	8
53	Commentary: Integrating non-targeted and targeted chemical screening in Great Lakes fish monitoring programs. Journal of Great Lakes Research, 2018, 44, 1127-1135.	0.8	14
54	Atmospheric Mercury Temporal Trends in the Northeastern United States from 1992 to 2014: Are Measured Concentrations Responding to Decreasing Regional Emissions?. Environmental Science and Technology Letters, 2017, 4, 91-97.	3.9	37

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55	Plasma-Based Water Treatment: Efficient Transformation of Perfluoroalkyl Substances in Prepared Solutions and Contaminated Groundwater. Environmental Science & Technology, 2017, 51, 1643-1648.	4.6	179
56	Mercury Temporal Trends in Top Predator Fish of the Laurentian Great Lakes from 2004 to 2015: Are Concentrations Still Decreasing?. Environmental Science & Technology, 2017, 51, 7386-7394.	4.6	52
57	Plasma-based water treatment: development of a general mechanistic model to estimate the treatability of different types of contaminants. Journal Physics D: Applied Physics, 2017, 50, 014003.	1.3	61
58	Characteristics of traffic-induced fugitive dust from unpaved roads. Aerosol Science and Technology, 2017, 51, 1324-1331.	1.5	16
59	Bioaerosol Deposition to Food Crops near Manure Application: Quantitative Microbial Risk Assessment. Journal of Environmental Quality, 2016, 45, 666-674.	1.0	29
60	Comprehensive Emerging Chemical Discovery: Novel Polyfluorinated Compounds in Lake Michigan Trout. Environmental Science & Technology, 2016, 50, 9460-9468.	4.6	42
61	Plasma based water treatment: Design guidelines for controlling interface dynamics. , 2016, , .		0
62	The Estimated Six-Year Mercury Dry Deposition Across North America. Environmental Science & Technology, 2016, 50, 12864-12873.	4.6	64
63	Characteristics of total gaseous mercury (TGM) concentrations in an industrial complex in South Korea: impacts from local sources. Atmospheric Chemistry and Physics, 2016, 16, 10215-10228.	1.9	9
64	Atmospheric speciated mercury concentrations on an island between China and Korea: sources and transport pathways. Atmospheric Chemistry and Physics, 2016, 16, 4119-4133.	1.9	35
65	Total atmospheric mercury deposition in forested areas in South Korea. Atmospheric Chemistry and Physics, 2016, 16, 7653-7662.	1.9	18
66	Experimental and density functional theoretical study of the effects of Fentonâ€™s reaction on the degradation of Bisphenol A in a high voltage plasma reactor. Journal of Hazardous Materials, 2016, 308, 419-429.	6.5	38
67	Constraints from observations and modeling on atmosphereâ€“surface exchange of mercury in eastern North America. Elementa, 2016, 4, .	1.1	4
68	Modeling the global atmospheric transport and deposition of mercury to the Great Lakes. Elementa, 2016, 4, .	1.1	16
69	Numerical simulations of the sampling performance of a large particle inlet. Journal of Aerosol Science, 2015, 90, 63-76.	1.8	2
70	Mercury biomagnification and contemporary food web dynamics in lakes Superior and Huron. Journal of Great Lakes Research, 2015, 41, 473-483.	0.8	12
71	Use of Stable Isotope Signatures to Determine Mercury Sources in the Great Lakes. Environmental Science and Technology Letters, 2015, 2, 335-341.	3.9	114
72	Source identification of total mercury (TM) wet deposition using a Lagrangian particle dispersion model (LPDM). Atmospheric Environment, 2015, 104, 102-111.	1.9	9

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73	Quantitative microbial risk assessment of bioaerosols from a manure application site. Aerobiologia, 2015, 31, 73-87.	0.7	51
74	Plasma-based water treatment: Conception and application of a new general principle for reactor design. Chemical Engineering Journal, 2015, 273, 543-550.	6.6	112
75	Emission and Dispersion of Bioaerosols from Dairy Manure Application Sites: Human Health Risk Assessment. Environmental Science & Technology, 2015, 49, 9842-9849.	4.6	64
76	Autism spectrum disorder: An omics perspective. Proteomics - Clinical Applications, 2015, 9, 159-168.	0.8	4
77	Tracing Sources of Total Gaseous Mercury to Yongheung Island off the Coast of Korea. Atmosphere, 2014, 5, 273-291.	1.0	16
78	Comparison of PoraPak Rxn RP and XAD-2 adsorbents for monitoring dissolved hydrophobic organic contaminants. Environmental Monitoring and Assessment, 2014, 186, 7565-7577.	1.3	2
79	Changing climate alters inputs and pathways of mercury deposition to forested ecosystems. Biogeochemistry, 2014, 119, 215-228.	1.7	69
80	A targeted/non-targeted screening method for perfluoroalkyl carboxylic acids and sulfonates in whole fish using quadrupole time-of-flight mass spectrometry and MSe. Analytical and Bioanalytical Chemistry, 2014, 406, 1471-1480.	1.9	43
81	Laboratory investigation of factors affecting mercury emissions from soils. Environmental Earth Sciences, 2014, 72, 2711-2721.	1.3	22
82	Emissions of polychlorinated-p-dibenzo dioxin, dibenzofurans (PCDD/Fs) and polybrominated diphenyl ethers (PBDEs) from rice straw biomass burning. Atmospheric Environment, 2014, 94, 573-581.	1.9	32
83	Environmental Mass Spectrometry in the North American Great Lakes Fish Monitoring and Surveillance Program. Australian Journal of Chemistry, 2013, 66, 798.	0.5	9
84	Cr speciation changes in the presence of ozone and reactive oxygen species at low relative humidity. Atmospheric Environment, 2013, 71, 92-94.	1.9	24
85	Variation in concentrations of three mercury (Hg) forms at a rural and a suburban site in New York State. Science of the Total Environment, 2013, 448, 96-106.	3.9	54
86	Mercury wet deposition in the eastern United States: characteristics and scavenging ratios. Environmental Sciences: Processes and Impacts, 2013, 15, 2321.	1.7	10
87	Improved atmospheric sampling of hexavalent chromium. Journal of the Air and Waste Management Association, 2013, 63, 1313-1323.	0.9	22
88	Atmospheric concentrations and potential sources of PCBs, PBDEs, and pesticides to Acadia National Park. Environmental Pollution, 2013, 177, 116-124.	3.7	16
89	Effect of the shutdown of a large coal-fired power plant on ambient mercury species. Chemosphere, 2013, 92, 360-367.	4.2	26
90	Comparisons of mercury sources and atmospheric mercury processes between a coastal and inland site. Journal of Geophysical Research D: Atmospheres, 2013, 118, 2434-2443.	1.2	19

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91	Post-1990 Temporal Trends of PCBs and Organochlorine Pesticides in the Atmosphere and in Fish from Lakes Erie, Michigan, and Superior. Environmental Science & Technology, 2013, 47, 9109-9114.	4.6	34
92	Green Courtyard System to Remove Fluoride from Stormwater: Modeling and Field Measurements. Environmental Engineering Science, 2013, 30, 573-581.	0.8	1
93	Modeling and Mapping of Atmospheric Mercury Deposition in Adirondack Park, New York. PLoS ONE, 2013, 8, e59322.	1.1	21
94	Gaseous Elemental Mercury (GEM) Emissions from Snow Surfaces in Northern New York. PLoS ONE, 2013, 8, e69342.	1.1	7
95	Case Study: Occasional excessive ammonia emissions following dairy manure application to land: causes, impacts, and management recommendations. , 2013, , .		0
96	Temporal trends of polychlorinated biphenyls and organochlorine pesticides in Great Lakes fish, 1999â€“2009. Science of the Total Environment, 2012, 439, 284-290.	3.9	55
97	An application of passive samplers to understand atmospheric mercury concentration and dry deposition spatial distributions. Journal of Environmental Monitoring, 2012, 14, 2976.	2.1	36
98	Polybrominated Diphenyl Ethers (PBDEs): Turning the Corner in Great Lakes Trout 1980â€“2009. Environmental Science & Technology, 2012, 46, 9890-9897.	4.6	79
99	The Impact of Deliquescence and pH on Cr Speciation in Ambient PM Samples. Aerosol Science and Technology, 2012, 46, 690-696.	1.5	30
100	Atmospheric particulate mercury: Concentrations and size distributions. Atmospheric Environment, 2012, 61, 94-102.	1.9	85
101	Toxaphene trends in the Great Lakes fish. Journal of Great Lakes Research, 2012, 38, 31-38.	0.8	24
102	Factors influencing atmospheric wet deposition of trace elements in rural Korea. Atmospheric Research, 2012, 116, 185-194.	1.8	57
103	Characteristics of total mercury (TM) wet deposition: Scavenging of atmospheric mercury species. Atmospheric Environment, 2012, 49, 69-76.	1.9	44
104	Mercury wet deposition in rural Korea: concentrations and fluxes. Journal of Environmental Monitoring, 2011, 13, 2748.	2.1	29
105	Emission Characterization and Efficiency Measurements of High-Efficiency Wood Boilers. Energy & Fuels, 2011, 25, 5015-5021.	2.5	39
106	Impacts of manure spreading on downwind air quality: particles, ammonia, and bioaerosols. , 2011, , .		0
107	Modeling toxaphene behavior in the Great Lakes. Science of the Total Environment, 2011, 409, 792-799.	3.9	11
108	An evaluation of direct measurement techniques for mercury dry deposition. Science of the Total Environment, 2011, 409, 1320-1327.	3.9	37

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109	Comparison between knife-edge and frisbee-shaped surrogate surfaces for making dry deposition measurements: Wind tunnel experiments and computational fluid dynamics (CFD) modeling. Atmospheric Environment, 2011, 45, 4213-4219.	1.9	17
110	Evaluation of the polyurethane foam (PUF) disk passive air sampler: Computational modeling and experimental measurements. Atmospheric Environment, 2011, 45, 4354-4359.	1.9	43
111	Mercury (Hg) emissions from domestic biomass combustion for space heating. Chemosphere, 2011, 84, 1694-1699.	4.2	37
112	Spatiotemporal trends of mercury in walleye and largemouth bass from the Laurentian Great Lakes Region. Ecotoxicology, 2011, 20, 1555-1567.	1.1	70
113	Mercury temporal trends in top predator fish of the Laurentian Great Lakes. Ecotoxicology, 2011, 20, 1568-1576.	1.1	42
114	Factors influencing concentrations of dissolved gaseous mercury (DGM) and total mercury (TM) in an artificial reservoir. Environmental Pollution, 2010, 158, 347-355.	3.7	27
115	Polychlorinated biphenyls (PCB) and dichlorodiphenyltrichloroethane (DDE) air concentrations in the Lake Ontario region: Trends and potential sources. Atmospheric Environment, 2010, 44, 3173-3178.	1.9	9
116	Optimum Operating Conditions for a Granular Activated Carbon Filter Treating Stormwater Containing Polychlorinated Biphenyls: Backwashing and Empty Bed Contact Time. Environmental Engineering Science, 2010, 27, 403-410.	0.8	4
117	Ambient Mercury Sources in Rochester, NY: Results from Principle Components Analysis (PCA) of Mercury Monitoring Network Data. Environmental Science & Technology, 2010, 44, 8441-8445.	4.6	60
118	Impacts of the Canadian Forest Fires on Atmospheric Mercury and Carbonaceous Particles in Northern New York. Environmental Science & Technology, 2010, 44, 8435-8440.	4.6	60
119	Performance Evaluation of a Model Electrostatic Precipitator for an Advanced Wood Combustion System. Energy & Fuels, 2010, 24, 6301-6306.	2.5	15
120	Deposition from the Atmosphere to Water and Soils with Aerosol Particles and Precipitation. , 2010, , 103-135.		0
121	Treatment of Storm Water Containing Low Levels of PCBs Using Natural Media Filtration. Environmental Engineering Science, 2009, 26, 799-808.	0.8	2
122	Colloid Transport through Natural Filter Media. Journal of Environmental Engineering, ASCE, 2009, 135, 544-550.	0.7	6
123	Transport of Colloids and Associated Hydrophobic Organic Chemicals through a Natural Media Filter. Journal of Environmental Engineering, ASCE, 2009, 135, 36-45.	0.7	12
124	Characteristics of atmospheric speciated mercury concentrations (TGM, Hg(II) and Hg(p)) in Seoul, Korea. Atmospheric Environment, 2009, 43, 3267-3274.	1.9	94
125	Toxaphene analysis in Great Lakes fish: a comparison of GC-EI/MS/MS and GC-ECNI-MS, individual congener standard and technical mixture for quantification of toxaphene. Analytical and Bioanalytical Chemistry, 2009, 395, 457-463.	1.9	15
126	Nafion-117 Behavior during Cation Separation from Spent Chromium Plating Solutions. Industrial & Engineering Chemistry Research, 2009, 48, 6805-6810.	1.8	8

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127	Gaseous mercury fluxes from the forest floor of the Adirondacks. Environmental Pollution, 2009, 157, 592-600.	3.7	97
128	Total gaseous concentrations in mercury in Seoul, Korea: Local sources compared to long-range transport from China and Japan. Environmental Pollution, 2009, 157, 816-822.	3.7	53
129	Gaseous mercury emissions from unsterilized and sterilized soils: The effect of temperature and UV radiation. Environmental Pollution, 2009, 157, 1673-1678.	3.7	62
130	Mercury dynamics and transport in two Adirondack Lakes. Limnology and Oceanography, 2009, 54, 413-427.	1.6	32
131	Characterization of fine aerosol and its inorganic components at two rural locations in New York State. Environmental Monitoring and Assessment, 2008, 144, 351-366.	1.3	21
132	Mercury deposition in the Adirondacks: A comparison between precipitation and throughfall. Atmospheric Environment, 2008, 42, 1818-1827.	1.9	67
133	Atmospheric Mercury (Hg) in the Adirondacks: Concentrations and Sources. Environmental Science & Technology, 2008, 42, 5644-5653.	4.6	79
134	Carbonaceous aerosol at two rural locations in New York State: Characterization and behavior. Journal of Geophysical Research, 2008, 113, .	3.3	16
135	Reduced mercury deposition in New Hampshire from 1996 to 2002 due to changes in local sources. Environmental Pollution, 2008, 156, 1348-1356.	3.7	11
136	Emissions of polychlorinated biphenyls (PCBs) from sludge drying beds to the atmosphere in Chicago. Chemosphere, 2008, 71, 1028-1034.	4.2	16
137	Design and Development of Novel Large Particle Inlet for PM Larger Than 10 Î¼m (PM > 10). Aerosol Science and Technology, 2008, 42, 140-151.	1.5	10
138	PCB mass transfer coefficients determined by application of a water surface sampler. Chemosphere, 2007, 66, 1554-1560.	4.2	16
139	Biological Mercury Hotspots in the Northeastern United States and Southeastern Canada. BioScience, 2007, 57, 29-43.	2.2	289
140	Mercury Contamination in Forest and Freshwater Ecosystems in the Northeastern United States. BioScience, 2007, 57, 17-28.	2.2	459
141	Estimation of source locations of total gaseous mercury measured in New York State using trajectory-based models. Atmospheric Environment, 2007, 41, 6033-6047.	1.9	57
142	Characteristics of the major chemical constituents of PM2.5 and smog events in Seoul, Korea in 2003 and 2004. Atmospheric Environment, 2007, 41, 6762-6770.	1.9	136
143	Estimation of mercury loadings to Lake Ontario: Results from the Lake Ontario atmospheric deposition study (LOADS). Atmospheric Environment, 2007, 41, 8205-8218.	1.9	30
144	Mass Balance Assessment for Mercury in Lake Champlain. Environmental Science & Technology, 2006, 40, 82-89.	4.6	32

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145	Computational fluid dynamic modeling of two passive samplers. Environmental Pollution, 2006, 144, 384-392.	3.7	39
146	Depositional flux of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in an urban setting. Chemosphere, 2006, 64, 1550-1561.	4.2	29
147	Atmospheric dry deposition of trace elements measured around the urban and industrially impacted NYâ€“NJ harbor. Atmospheric Environment, 2006, 40, 6626-6637.	1.9	26
148	Gas-Phase Deposition of Polychlorinated Biphenyls (PCBs) to a Water Surface Sampler. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2006, 41, 2071-2087.	0.9	6
149	Measurements of Fine Particle Mass Concentrations Using Continuous and Integrated Monitors in Eastern US Cities. Aerosol Science and Technology, 2005, 39, 261-275.	1.5	17
150	The electrochemical characteristics of air fuel cell electrodes used in an electrolytic system for spent chromium plating solution regeneration. Journal of Power Sources, 2005, 142, 243-252.	4.0	7
151	Measurement of the vapor phase deposition of polychlorinated bipheyls (PCBs) using a water surface sampler. Atmospheric Environment, 2005, 39, 885-897.	1.9	35
152	Measurement of particle phase dry deposition fluxes of polychlorinated biphenyls (PCBs) with a water surface sampler. Atmospheric Environment, 2005, 39, 1845-1854.	1.9	36
153	Evaluation of Continuous and Filter-Based Methods for Measuring PM_{2.5}Mass Concentration. Aerosol Science and Technology, 2005, 39, 290-303.	1.5	19
154	Comparison between Back-Trajectory Based Modeling and Lagrangian Backward Dispersion Modeling for Locating Sources of Reactive Gaseous Mercury. Environmental Science & Technology, 2005, 39, 1715-1723.	4.6	80
155	Performance evaluation of continuous mass concentration monitors. Journal of Aerosol Science, 2005, 36, 95-109.	1.8	14
156	A static water surface sampler to measure bioaerosol deposition and characterize microbial community diversity. Journal of Aerosol Science, 2005, 36, 639-650.	1.8	19
157	Dry deposition fluxes and velocities of polychlorinated biphenyls (PCBs) associated with particles. Atmospheric Environment, 2004, 38, 2447-2456.	1.9	66
158	Quantifying the dry deposition of ammonia in ammonia-rich and ammonia-poor environments using a surrogate surface approach. Atmospheric Environment, 2004, 38, 2677-2686.	1.9	8
159	Quantifying the dry deposition of reactive nitrogen and sulfur containing species in remote areas using a surrogate surface analysis approach. Atmospheric Environment, 2004, 38, 2687-2697.	1.9	30
160	Identification of source locations for atmospheric dry deposition of heavy metals during yellow-sand events in Seoul, Korea in 1998 using hybrid receptor models. Atmospheric Environment, 2004, 38, 5353-5361.	1.9	50
161	Atmospheric gaseous mercury concentrations in New York State: relationships with meteorological data and other pollutants. Atmospheric Environment, 2004, 38, 6431-6446.	1.9	73
162	Concentrations and gas/particle partitioning of PCBs in Chicago. Environmental Pollution, 2004, 131, 35-35.	3.7	0

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163	Concentrations and gas/particle partitioning of PCBs in Chicago. Environmental Pollution, 2004, 131, 35-44.	3.7	94
164	Comparison of hybrid receptor models to locate PCB sources in Chicago. Atmospheric Environment, 2003, 37, 545-562.	1.9	393
165	Application of receptor modeling to atmospheric constituents at Potsdam and Stockton, NY. Atmospheric Environment, 2003, 37, 4997-5007.	1.9	88
166	Impurity diffusion through Nafion and ceramic separators used for electrolytic purification of spent chromium plating solutions. Journal of Membrane Science, 2003, 221, 135-146.	4.1	13
167	Anion Partitioning in and Diffusion through a Nafion Membrane. Industrial & Engineering Chemistry Research, 2003, 42, 3620-3625.	1.8	16
168	Locating and Quantifying PCB Sources in Chicago:Â Receptor Modeling and Field Sampling. Environmental Science & Technology, 2003, 37, 681-690.	4.6	98
169	Measured summertime concentrations of particulate components, Hg0, and speciated polycyclic aromatic hydrocarbons at rural sites in New York State. Environmental Pollution, 2003, 123, 413-425.	3.7	20
170	Comparing Nafion and Ceramic Separators Used in Electrochemical Purification of Spent Chromium Plating Solutions:â€‰ Cationic Impurity Removal and Transport. Environmental Science & Technology, 2003, 37, 1992-1998.	4.6	18
171	Particulate Dry Deposition and Overall Deposition Velocities of Polycyclic Aromatic Hydrocarbons. Journal of Environmental Engineering, ASCE, 2002, 128, 269-274.	0.7	52
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