Robert P Mason

List of Publications by Year
in descending order

168 papers	18,191 citations	12322 69 h-index	13365 130 g-index
178 all docs	178 docs citations	178 times ranked	8847 citing authors

#	Article	IF	Citations
1	Arctic mercury cycling. Nature Reviews Earth & Environment, 2022, 3, 270-286.	12.2	60
2	Distribution of total mercury and methylated mercury species in Central Arctic Ocean water and ice. Marine Chemistry, 2022, 242, 104105.	0.9	10
3	Experimental evidence for recovery of mercury-contaminated fish populations. Nature, 2022, 601, 74-78.	13.7	38
4	Comparison of reactive gaseous mercury measured by KCl-coated denuders and cation exchange membranes during the Pacific GEOTRACES GP15 expedition. Atmospheric Environment, 2021, 244, 117973.	1.9	5
5	Historic contamination alters mercury sources and cycling in temperate estuaries relative to uncontaminated sites. Water Research, 2021, 190, 116684.	5.3	17
6	Patterns in forage fish mercury concentrations across Northeast US estuaries. Environmental Research, 2021, 194, 110629.	3.7	14
7	Abiotic Reduction of Mercury(II) in the Presence of Sulfidic Mineral Suspensions. Frontiers in Environmental Chemistry, 2021, 2, .	0.7	3
8	Mercury and methylmercury uptake and trophic transfer from marine diatoms to copepods and field collected zooplankton. Marine Environmental Research, 2021, 170, 105446.	1.1	12
9	The Transformation of Inorganic and Methylmercury in the Presence of l-Cysteine Capped CdSe Nanoparticles. Frontiers in Environmental Chemistry, 2021, 2, .	0.7	2
10	The impact of the Three Gorges Dam on the fate of metal contaminants across the riverâ€“ocean continuum. Water Research, 2020, 185, 116295.	5.3	36
11	Formalin-preserved zooplankton are not reliable for historical reconstructions of methylmercury bioaccumulation. Science of the Total Environment, 2020, 738, 139803.	3.9	3
12	Grand Challenge for Frontiers in Environmental Chemistryâ€”Inorganic Pollutants. Frontiers in Environmental Chemistry, 2020, 1, .	0.7	1
13	Century-old mercury pollution: Evaluating the impacts on local fish from the eastern United States. Chemosphere, 2020, 259, 127484.	4.2	9
14	Reply to Comment on â€œTraditional Tibetan Medicine Induced High Methylmercury Exposure Level and Environmental Mercury Burden in Tibet, Chinaâ€• Environmental Science & Technology, 2019, 53, 12956-12958.	4.6	0
15	The interaction of mercury and methylmercury with chalcogenide nanoparticles. Environmental Pollution, 2019, 255, 113346.	3.7	7
16	How closely do mercury trends in fish and other aquatic wildlife track those in the atmosphere? â€“ Implications for evaluating the effectiveness of the Minamata Convention. Science of the Total Environment, 2019, 674, 58-70.	3.9	75
17	Rapid Increase in the Lateral Transport of Trace Elements Induced by Soil Erosion in Major Karst Regions in China. Environmental Science & Technology, 2019, 53, 4206-4214.	4.6	27
18	An assessment of the impact of artisanal and commercial gold mining on mercury and methylmercury levels in the environment and fish in Cote d'Ivoire. Science of the Total Environment, 2019, 665, 1158-1167.	3.9	32

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19	Geochemistry of Mercury in the Marine Environment. , 2019, , 301-308.		6
20	The impact of sea ice on the air-sea exchange of mercury in the Arctic Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 144, 28-38.	0.6	43
21	The precipitation, growth and stability of mercury sulfide nanoparticles formed in the presence of marine dissolved organic matter. Environmental Sciences: Processes and Impacts, 2018, 20, 642-656.	1.7	14
22	STURM: Resuspension mesocosms with realistic bottom shear stress and water column turbulence for benthic-pelagic coupling studies: Design and applications. Journal of Experimental Marine Biology and Ecology, 2018, 499, 35-50.	0.7	6
23	Mercury flux from salt marsh sediments: Insights from a comparison between 224Ra/228Th disequilibrium and core incubation methods. Geochimica Et Cosmochimica Acta, 2018, 222, 569-583.	1.6	23
24	The Global Marine Selenium Cycle: Insights From Measurements and Modeling. Global Biogeochemical Cycles, 2018, 32, 1720-1737.	1.9	30
25	Updated Global and Oceanic Mercury Budgets for the United Nations Global Mercury Assessment 2018. Environmental Science & Technology, 2018, 52, 11466-11477.	4.6	125
26	Impact of Water-Induced Soil Erosion on the Terrestrial Transport and Atmospheric Emission of Mercury in China. Environmental Science & Technology, 2018, 52, 6945-6956.	4.6	36
27	Role of Sediment Resuspension on Estuarine Suspended Particulate Mercury Dynamics. Environmental Science & Technology, 2018, 52, 7736-7744.	4.6	34
28	A Critical Time for Mercury Science to Inform Global Policy. Environmental Science & Technology, 2018, 52, 9556-9561.	4.6	90
29	Traditional Tibetan Medicine Induced High Methylmercury Exposure Level and Environmental Mercury Burden in Tibet, China. Environmental Science & Technology, 2018, 52, 8838-8847.	4.6	17
30	Impacts of farmed fish consumption and food trade on methylmercury exposure in China. Environment International, 2018, 120, 333-344.	4.8	65
31	The air-sea exchange of mercury in the low latitude Pacific and Atlantic Oceans. Deep-Sea Research Part I: Oceanographic Research Papers, 2017, 122, 17-28.	0.6	39
32	Mercury bioaccumulation increases with latitude in a coastal marine fish (Atlantic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (silversi 1009-1015.	0.7	29
33	Spatial and temporal trophic transfer dynamics of mercury and methylmercury into zooplankton and phytoplankton of Long Island Sound. Limnology and Oceanography, 2017, 62, 1122-1138.	1.6	27
34	Factors controlling the photochemical degradation of methylmercury in coastal and oceanic waters. Marine Chemistry, 2017, 196, 116-125.	0.9	32
35	Methylmercury Bioaccumulation in an Urban Estuary: Delaware River, USA. Estuaries and Coasts, 2017, 40, 1358-1370.	1.0	18
36	Toward an Assessment of the Global Inventory of Present-Day Mercury Releases to Freshwater Environments. International Journal of Environmental Research and Public Health, 2017, 14, 138.	1.2	87

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37	Dimethylmercury Formation Mediated by Inorganic and Organic Reduced Sulfur Surfaces. Scientific Reports, 2016, 6, 27958.	1.6	61
38	Exposure of bivalve shellfish to titania nanoparticles under an environmental-spill scenario: Encounter, ingestion and egestion. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 137-149.	0.4	24
39	Enhanced availability of mercury bound to dissolved organic matter for methylation in marine sediments. Geochimica Et Cosmochimica Acta, 2016, 194, 153-162.	1.6	105
40	Effects of bottom water oxygen concentrations on mercury distribution and speciation in sediments below the oxygen minimum zone of the Arabian Sea. Marine Chemistry, 2016, 186, 24-32.	0.9	27
41	Seasonal Cycling and Transport of Mercury and Methylmercury in the Turbidity Maximum of the Delaware Estuary. Aquatic Geochemistry, 2016, 22, 313-336.	1.5	33
42	What works in water supply and sanitation projects in developing countries with EWB-USA. Reviews on Environmental Health, 2016, 31, 85-87.	1.1	3
43	Connecting mercury science to policy: from sources to seafood. Reviews on Environmental Health, 2016, 31, 17-20.	1.1	19
44	Benefits of Regulating Hazardous Air Pollutants from Coal and Oil-Fired Utilities in the United States. Environmental Science & Technology, 2016, 50, 2117-2120.	4.6	35
45	The effect of aqueous speciation and cellular ligand binding on the biotransformation and bioavailability of methylmercury in mercury-resistant bacteria. Biodegradation, 2016, 27, 29-36.	1.5	19
46	Controls on methylmercury accumulation in northern Gulf of Mexico sediments. Estuarine, Coastal and Shelf Science, 2015, 159, 50-59.	0.9	17
47	Contrasting Effects of Marine and Terrestrially Derived Dissolved Organic Matter on Mercury Speciation and Bioavailability in Seawater. Environmental Science & Technology, 2015, 49, 5965-5972.	4.6	109
48	Observational and Modeling Constraints on Global Anthropogenic Enrichment of Mercury. Environmental Science & Technology, 2015, 49, 4036-4047.	4.6	152
49	Mercury and methylmercury incidence and bioaccumulation in plankton from the central Pacific Ocean. Marine Chemistry, 2015, 177, 772-780.	0.9	38
50	An examination of the factors influencing mercury and methylmercury particulate distributions, methylation and demethylation rates in laboratory-generated marine snow. Marine Chemistry, 2015, 177, 753-762.	0.9	70
51	Freshwater discharges drive high levels of methylmercury in Arctic marine biota. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11789-11794.	3.3	116
52	Sources of water column methylmercury across multiple estuaries in the Northeast U.S.. Marine Chemistry, 2015, 177, 721-730.	0.9	41
53	An examination of the ingestion, bioaccumulation, and depuration of titanium dioxide nanoparticles by the blue mussel (Mytilus edulis) and the eastern oyster (Crassostrea virginica). Marine Environmental Research, 2015, 110, 45-52.	1.1	37
54	Mercury and Lead. Issues in Environmental Science and Technology, 2015, , 107-149.	0.4	1

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55	The Use of a Mercury Biosensor to Evaluate the Bioavailability of Mercury-Thiol Complexes and Mechanisms of Mercury Uptake in Bacteria. PLoS ONE, 2015, 10, e0138333.	1.1	30
56	Benthic and Pelagic Pathways of Methylmercury Bioaccumulation in Estuarine Food Webs of the Northeast United States. PLoS ONE, 2014, 9, e89305.	1.1	84
57	Sediment-Porewater Partitioning, Total Sulfur, and Methylmercury Production in Estuaries. Environmental Science & Technology, 2014, 48, 954-960.	4.6	63
58	Wet and dry deposition of mercury in Bermuda. Atmospheric Environment, 2014, 87, 249-257.	1.9	20
59	Progress on Understanding Atmospheric Mercury Hampered by Uncertain Measurements. Environmental Science & Technology, 2014, 48, 7204-7206.	4.6	90
60	Elemental Mercury Concentrations and Fluxes in the Tropical Atmosphere and Ocean. Environmental Science & Technology, 2014, 48, 11312-11319.	4.6	72
61	Mercury Isotope Study of Sources and Exposure Pathways of Methylmercury in Estuarine Food Webs in the Northeastern U.S.. Environmental Science & Technology, 2014, 48, 10089-10097.	4.6	97
62	Mercury and metals in South African precipitation. Atmospheric Environment, 2013, 79, 286-298.	1.9	24
63	Methylmercury Production in Estuarine Sediments: Role of Organic Matter. Environmental Science & Technology, 2013, 47, 695-700.	4.6	111
64	Mercury as a Global Pollutant: Sources, Pathways, and Effects. Environmental Science & Technology, 2013, 47, 4967-4983.	4.6	1,729
65	Drivers of Surface Ocean Mercury Concentrations and Airâ€"Sea Exchange in the West Atlantic Ocean. Environmental Science & Technology, 2013, 47, 7757-7765.	4.6	65
66	Effects of shear stress and hard clams on seston, microphytobenthos, and nitrogen dynamics in mesocosms with tidal resuspension. Marine Ecology - Progress Series, 2013, 479, 25-45.	0.9	9
67	Effect of Inorganic and Organic Ligands on the Bioavailability of Methylmercury as Determined by Using a mer-lux Bioreporter. Applied and Environmental Microbiology, 2012, 78, 7276-7282.	1.4	50
68	Multiâ€decadal decline of mercury in the North Atlantic atmosphere explained by changing subsurface seawater concentrations. Geophysical Research Letters, 2012, 39, .	1.5	85
69	An intercomparison of procedures for the determination of total mercury in seawater and recommendations regarding mercury speciation during GEOTRACES cruises. Limnology and Oceanography: Methods, 2012, 10, 90-100.	1.0	62
70	Mercury biogeochemical cycling in the ocean and policy implications. Environmental Research, 2012, 119, 101-117.	3.7	477
71	Nutrient supply and mercury dynamics in marine ecosystems: A conceptual model. Environmental Research, 2012, 119, 118-131.	3.7	78
72	Marine mercury fate: From sources to seafood consumers. Environmental Research, 2012, 119, 1-2.	3.7	28

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73	Oceanic Fate and Transport of Chemicals. , 2012, , 287-333.		0
74	MercNet: a national monitoring network to assess responses to changing mercury emissions in the United States. Ecotoxicology, 2011, 20, 1713-1725.	1.1	65
75	Global mercury emissions to the atmosphere from anthropogenic and natural sources. Atmospheric Chemistry and Physics, 2010, 10, 5951-5964.	1.9	1,155
76	Determination of inorganic mercury using a polyaniline and polyaniline-methylene blue coated screen-printed carbon electrode. International Journal of Environmental Analytical Chemistry, 2010, 90, 671-685.	1.8	35
77	Development and application of a poly(2,2â€²-dithiodianiline) (PDTDA)-coated screen-printed carbon electrode in inorganic mercury determination. Electrochimica Acta, 2010, 55, 4240-4246.	2.6	66
78	Mercury and methylmercury cycling in sediments of the midâ€Atlantic continental shelf and slope. Limnology and Oceanography, 2010, 55, 2703-2722.	1.6	101
79	Sources of Mercury Exposure for U.S. Seafood Consumers: Implications for Policy. Environmental Health Perspectives, 2010, 118, 137-143.	2.8	72
80	An Improved Global Model for Air-Sea Exchange of Mercury: High Concentrations over the North Atlantic. Environmental Science & Technology, 2010, 44, 8574-8580.	4.6	225
81	Effect of tidal resuspension on benthicâ€"pelagic coupling in an experimental ecosystem study. Marine Ecology - Progress Series, 2010, 413, 33-53.	0.9	40
82	Mercury contamination history of an estuarine floodplain reconstructed from a 210Pb-dated sediment core (Berg River, South Africa). Marine Pollution Bulletin, 2009, 59, 116-122.	2.3	34
83	Sources and deposition of reactive gaseous mercury in the marine atmosphere. Atmospheric Environment, 2009, 43, 2278-2285.	1.9	179
84	Methylmercury production in sediments of Chesapeake Bay and the mid-Atlantic continental margin. Marine Chemistry, 2009, 114, 86-101.	0.9	132
85	Mercury Fate and Transport in the Global Atmosphere. , 2009, , .		43
86	Disturbance impacts on mercury dynamics in northern Gulf of Mexico sediments. Journal of Geophysical Research, 2009, 114, .	3.3	15
87	Spatial coverage and temporal trends of over-water, air-surface exchange, surface and deep sea water mercury measurements. , 2009, , 323-380.		4
88	Mercury emissions from point sources in South Africa. , 2009, , 113-130.		16
89	Mercury emissions from natural processes and their importance in the global mercury cycle. , 2009, , 173-191.		75
90	Integrated Mercury Monitoring Program for Temperate Estuarine and Marine Ecosystems on the North American Atlantic Coast. EcoHealth, 2008, 5, 426-441.	0.9	36

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91	Anthropogenic mercury emissions in South Africa: Coal combustion in power plants. Atmospheric Environment, 2008, 42, 6620-6626.	1.9	83
92	A modeling study on methylmercury bioaccumulation and its controlling factors. Ecological Modelling, 2008, 218, 267-289.	1.2	27
93	Whole-ecosystem study shows rapid fish-mercury response to changes in mercury deposition. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16586-16591.	3.3	398
94	Decadal mercury trends in San Francisco Estuary sediments. Environmental Research, 2007, 105, 53-66.	3.7	34
95	Air-sea exchange in the global mercury cycle. Global Biogeochemical Cycles, 2007, 21, .	1.9	193
96	Human impacts on open ocean mercury concentrations. Global Biogeochemical Cycles, 2007, 21, .	1.9	239
97	Mercury concentration and speciation in the coastal and open ocean boundary layer. Journal of Geophysical Research, 2007, 112, .	3.3	82
98	Factors influencing the oxidation, reduction, methylation and demethylation of mercury species in coastal waters. Marine Chemistry, 2007, 107, 278-294.	0.9	182
99	INFLUENCE OF DISSOLVED ORGANIC MATTER ON THE COMPLEXATION OF MERCURY UNDER SULFIDIC CONDITIONS. Environmental Toxicology and Chemistry, 2007, 26, 624.	2.2	92
100	A new method for the investigation of mercury redox chemistry in natural waters utilizing deflatable TeflonÂ® bags and additions of isotopically labeled mercury. Analytica Chimica Acta, 2006, 558, 211-221.	2.6	39
101	Mercury methylation in estuaries: Insights from using measuring rates using stable mercury isotopes. Marine Chemistry, 2006, 102, 134-147.	0.9	151
102	An examination of the factors influencing the flux of mercury, methylmercury and other constituents from estuarine sediment. Marine Chemistry, 2006, 102, 96-110.	0.9	90
103	8th International Estuarine Biogeochemistry Symposium: Introduction. Marine Chemistry, 2006, 102, 1.	0.9	3
104	The impact of resuspension on sediment mercury dynamics, and methylmercury production and fate: A mesocosm study. Marine Chemistry, 2006, 102, 300-315.	0.9	83
105	Mercury Methylation by Dissimilatory Iron-Reducing Bacteria. Applied and Environmental Microbiology, 2006, 72, 7919-7921.	1.4	448
106	Methylmercury Concentrations in Fish from Tidal Waters of The Chesapeake Bay. Archives of Environmental Contamination and Toxicology, 2006, 51, 425-437.	2.1	48
107	MEASURING SULFIDE ACCUMULATION IN DIFFUSIVE GRADIENTS IN THIN FILMS BY MEANS OF PURGE AND TRAP FOLLOWED BY ION-SELECTIVE ELECTRODE. Environmental Toxicology and Chemistry, 2005, 24, 3043.	2.2	5
108	Estimate of mercury emission from gasoline and diesel fuel consumption, San Francisco Bay area, California. Atmospheric Environment, 2005, 39, 101-105.	1.9	43

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109	Factors Controlling Mercury and Methylmercury Concentrations in Largemouth Bass (Micropterus) Tj ETQq1 1 0.784314 rgBT /Overlock Toxicology, 2005, 49, 528-545.	2.1	29
110	Air-sea Exchange and Marine Boundary Layer Atmospheric Transformation of Hg and their Importance in the Global Mercury Cycle. , 2005, , 213-239.		7
111	Monitoring the Response to Changing Mercury Deposition. Environmental Science & Technology, 2005, 39, 14A-22A.	4.6	83
112	An Examination of the Oxidation of Elemental Mercury in the Presence of Halide Surfaces. Journal of Atmospheric Chemistry, 2004, 48, 107-130.	1.4	24
113	METHYLMERCURY UPTAKE AND DISTRIBUTION KINETICS IN SHEEPSHEAD MINNOWS, CYPRINODON VARIEGATUS, AFTER EXPOSURE TO CH3Hg-SPIKED FOOD. Environmental Toxicology and Chemistry, 2004, 23, 2138.	2.2	74
114	The effect of resuspension on the fate of total mercury and methyl mercury in a shallow estuarine ecosystem: a mesocosm study. Marine Chemistry, 2004, 86, 121-137.	0.9	61
115	Total mercury in the water column near the shelf edge of the European continental margin. Marine Chemistry, 2004, 90, 21-29.	0.9	50
116	Mercury distributions in the North Pacific Oceanâ€"20 years of observations. Marine Chemistry, 2004, 90, 3-19.	0.9	132
117	Mercury and methylmercury in Hudson River sediment: impact of tidal resuspension on partitioning and methylation. Marine Chemistry, 2004, 90, 75-89.	0.9	89
118	Metal accumulation in Baltimore Harbor: current and past inputs. Applied Geochemistry, 2004, 19, 1801-1825.	1.4	37
119	Investigations into the bioavailability and bioaccumulation of mercury and other trace metals to the sea cucumber, Sclerodactyla briareus, using in vitro solubilization. Marine Pollution Bulletin, 2003, 46, 1600-1608.	2.3	34
120	Mercury speciation in the San Francisco Bay estuary. Marine Chemistry, 2003, 80, 199-225.	0.9	208
121	Reactive gaseous mercury formation in the North Pacific Ocean's marine boundary layer: A potential role of halogen chemistry. Journal of Geophysical Research, 2003, 108, .	3.3	160
122	Mercury Methylation by Desulfovibrio desulfuricans ND132 in the Presence of Polysulfides. Applied and Environmental Microbiology, 2002, 68, 5741-5745.	1.4	71
123	Speciation and Distribution of Atmospheric Mercury over the Northern Chesapeake Bay. ACS Symposium Series, 2002, , 223-242.	0.5	15
124	The Urban Atmosphere: An Important Source of Trace Metals to Nearby Waters?. ACS Symposium Series, 2002, , 203-222.	0.5	5
125	Factors Controlling the Bioavailability of Ingested Methylmercury to Channel Catfish and Atlantic Sturgeon. Environmental Science & Technology, 2002, 36, 5124-5129.	4.6	41
126	Effect of ligands and other metals on the uptake of mercury and methylmercury across the gills and the intestine of the blue crab (Callinectes sapidus). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2002, 131, 185-196.	1.3	23

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127	Methylmercury accumulation and fluxes across the intestine of channel catfish, Ictalurus punctatus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2002, 132, 247-259.	1.3	40
128	Mercury accumulation and flux across the gills and the intestine of the blue crab (Callinectes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.9	50
129	Mercury in the Atlantic Ocean: factors controlling airâ€"sea exchange of mercury and its distribution in the upper waters. Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 2829-2853.	0.6	144
130	Constants for mercury binding by dissolved organic matter isolates from the Florida Everglades. Geochimica Et Cosmochimica Acta, 2001, 65, 4445-4451.	1.6	158
131	The fate and transport of mercury, methylmercury, and other trace metals in chesapeake bay tributaries. Water Research, 2001, 35, 501-515.	5.3	103
132	Concentration of Mercury, Methylmercury, Cadmium, Lead, Arsenic, and Selenium in the Rain and Stream Water of Two Contrasting Watersheds in Western Maryland. Water Research, 2001, 35, 4039-4052.	5.3	74
133	An Examination of Methods for the Measurements of Reactive Gaseous Mercury in the Atmosphere. Environmental Science & Technology, 2001, 35, 1209-1216.	4.6	83
134	The effect of thiolate organic compounds on methylmercury accumulation and redistribution in sheepshead minnows, Cyprinodon variegatus. Environmental Toxicology and Chemistry, 2001, 20, 1557-1563.	2.2	13
135	The Influence of Sulfide on Solid-Phase Mercury Bioavailability for Methylation by Pure Cultures ofDesulfobulbus propionicus(1pr3). Environmental Science & Technology, 2001, 35, 127-132.	4.6	270
136	Factors Controlling the Bioaccumulation of Mercury, Methylmercury, Arsenic, Selenium, and Cadmium by Freshwater Invertebrates and Fish. Archives of Environmental Contamination and Toxicology, 2000, 38, 283-297.	2.1	333
137	Mercury Speciation in Drainage from the New Idria Mercury Mine, California. Environmental Science & Technology, 2000, 34, 4773-4779.	4.6	76
138	The Influence of Varying Algal Biomass On Contaminant Exposure in Benthic-Planktonic Mesocosms: Copper (Ii). Chemistry and Ecology, 1999, 16, 317-340.	0.6	0
139	Mercury in the Chesapeake Bay. Marine Chemistry, 1999, 65, 77-96.	0.9	205
140	Estimation of mercuryâ€sulfide speciation in sediment pore waters using octanolâ€"water partitioning and implications for availability to methylating bacteria. Environmental Toxicology and Chemistry, 1999, 18, 2138-2141.	2.2	35
141	Concentration, distribution, and bioavailability of mercury and methylmercury in sediments of Baltimore Harbor and Chesapeake Bay, Maryland, USA. Environmental Toxicology and Chemistry, 1999, 18, 2438-2447.	2.2	127
142	The distribution and speciation of mercury in the South and equatorial Atlantic. Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 937-956.	0.6	157
143	Sulfide Controls on Mercury Speciation and Bioavailability to Methylating Bacteria in Sediment Pore Waters. Environmental Science & Technology, 1999, 33, 951-957.	4.6	625
144	Sedimentâˆ'Water Fluxes of Mercury in Lavaca Bay, Texas. Environmental Science & Technology, 1999, 33, 663-669.	4.6	155

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145	Sulfide Controls on Mercury Speciation and Bioavailability to Methylating Bacteria in Sediment Pore Waters. Environmental Science & Technology, 1999, 33, 1780-1780.	4.6	47
146	Intestinal Solubilization of Particle-Associated Organic and Inorganic Mercury as a Measure of Bioavailability to Benthic Invertebrates. Environmental Science & Technology, 1999, 33, 1871-1876.	4.6	94
147	Speciation and Cycling of Mercury in Lavaca Bay, Texas, Sediments. Environmental Science & Technology, 1999, 33, 7-13.	4.6	226
148	ESTIMATION OF MERCURY-SULFIDE SPECIATION IN SEDIMENT PORE WATERS USING OCTANOLâ€"WATER PARTITIONING AND IMPLICATIONS FOR AVAILABILITY TO METHYLATING BACTERIA. Environmental Toxicology and Chemistry, 1999, 18, 2138.	2.2	88
149	CONCENTRATION, DISTRIBUTION, AND BIOAVAILABILITY OF MERCURY AND METHYLMERCURY IN SEDIMENTS OF BALTIMORE HARBOR ANDCHESAPEAKE BAY, MARYLAND, USA. Environmental Toxicology and Chemistry, 1999, 18, 2438.	2.2	113
150	Accumulation of mercury in estuarine food chains. Biogeochemistry, 1998, 40, 235-247.	1.7	149
151	Mercury in the North Atlantic. Marine Chemistry, 1998, 61, 37-53.	0.9	198
152	Mercury and methylmercury transport through an urban watershed. Water Research, 1998, 32, 321-330.	5.3	116
153	The concentration and distribution of mercury in Lake Michigan. Science of the Total Environment, 1998, 213, 213-228.	3.9	46
154	The Case for Atmospheric Mercury Contamination in Remote Areas. Environmental Science & Technology, 1998, 32, 1-7.	4.6	868
155	Investigation of Porewater Sampling Methods for Mercury and Methylmercury. Environmental Science & Technology, 1998, 32, 4031-4040.	4.6	65
156	Mercury in Lake Michigan. Environmental Science & Technology, 1997, 31, 942-947.	4.6	148
157	The concentration, speciation and sources of mercury in Chesapeake Bay precipitation. Atmospheric Environment, 1997, 31, 3541-3550.	1.9	72
158	Atmospheric deposition to the Chesapeake Bay watershedâ€"regional and local sources. Atmospheric Environment, 1997, 31, 3531-3540.	1.9	69
159	Uptake, Toxicity, and Trophic Transfer of Mercury in a Coastal Diatom. Environmental Science & Technology, 1996, 30, 1835-1845.	4.6	571
160	Mercury associated with colloidal material in an estuarine and an open-ocean environment. Marine Chemistry, 1996, 55, 177-188.	0.9	99
161	The Global Mercury Cycle: Oceanic and Anthropogenic Aspects. , 1996, , 85-108.		37
162	Interannual Variability in the Speciation and Mobility of Arsenic in a Dimictic Lake. Environmental Science & Technology, 1995, 29, 2157-2161.	4.6	46

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163	The biogeochemical cycling of elemental mercury: Anthropogenic influences. Geochimica Et Cosmochimica Acta, 1994, 58, 3191-3198.	1.6	942
164	Speciation and Fate of Arsenic in Three Lakes of the Aberjona Watershed. Environmental Science & Technology, 1994, 28, 577-585.	4.6	135
165	The distribution and biogeochemical cycling of mercury in the equatorial Pacific Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 1993, 40, 1897-1924.	0.6	239
166	The sources and composition of mercury in Pacific Ocean rain. Journal of Atmospheric Chemistry, 1992, 14, 489-500.	1.4	76
167	Cycling of volatile mercury in temperate lakes. Water, Air, and Soil Pollution, 1991, 56, 791-803.	1.1	139
168	Organomercury Compounds in the Environment. , 0, , 57-99.		35