

Xinbin Feng

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410
papers

16,108
citations

68
h-index

105
g-index

443
ext. papers

18,819
ext. citations

7.3
avg. IF

6.8
L-index

#	Paper	IF	Citations
410	A synthesis of progress and uncertainties in attributing the sources of mercury in deposition. <i>Ambio</i> , 2007 , 36, 19-32	6.5	607
409	Anthropogenic mercury emissions in China. <i>Atmospheric Environment</i> , 2005 , 39, 7789-7806	5.3	536
408	Human exposure to methylmercury through rice intake in mercury mining areas, Guizhou province, China. <i>Environmental Science & Technology</i> , 2008 , 42, 326-32	10.3	335
407	In inland China, rice, rather than fish, is the major pathway for methylmercury exposure. <i>Environmental Health Perspectives</i> , 2010 , 118, 1183-8	8.4	330
406	Mercury pollution in Asia: a review of the contaminated sites. <i>Journal of Hazardous Materials</i> , 2009 , 168, 591-601	12.8	295
405	Bioaccumulation of methylmercury versus inorganic mercury in rice (<i>Oryza sativa</i> L.) grain. <i>Environmental Science & Technology</i> , 2010 , 44, 4499-504	10.3	216
404	Unusual fractionation of both odd and even mercury isotopes in precipitation from Peterborough, ON, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 90, 33-46	5.5	211
403	Mercury pollution in Guizhou, southwestern China - an overview. <i>Science of the Total Environment</i> , 2008 , 400, 227-37	10.2	207
402	Environmental contamination of heavy metals from zinc smelting areas in Hezhang County, western Guizhou, China. <i>Environment International</i> , 2006 , 32, 883-90	12.9	199
401	A kinetic study of the gas-phase reaction between the hydroxyl radical and atomic mercury. <i>Atmospheric Environment</i> , 2001 , 35, 3049-3054	5.3	191
400	Methylmercury accumulation in rice (<i>Oryza sativa</i> L.) grown at abandoned mercury mines in Guizhou, China. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 2465-8	5.7	189
399	Mercury and methylmercury in riparian soil, sediments, mine-waste calcines, and moss from abandoned Hg mines in east Guizhou province, southwestern China. <i>Applied Geochemistry</i> , 2005 , 20, 627-638	3.5	189
398	Remediation of mercury contaminated sites - A review. <i>Journal of Hazardous Materials</i> , 2012 , 221-222, 1-18	12.8	163
397	Selenium characterization in the global rice supply chain. <i>Environmental Science & Technology</i> , 2009 , 43, 6024-30	10.3	162
396	A review of studies on atmospheric mercury in China. <i>Science of the Total Environment</i> , 2012 , 421-422, 73-81	10.2	160
395	The process of methylmercury accumulation in rice (<i>Oryza sativa</i> L.). <i>Environmental Science & Technology</i> , 2011 , 45, 2711-7	10.3	160
394	Distribution patterns of inorganic mercury and methylmercury in tissues of rice (<i>Oryza sativa</i> L.) plants and possible bioaccumulation pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 4951-8	5.7	144

393	Stable mercury isotope variation in rice plants (<i>Oryza sativa</i> L.) from the Wanshan mercury mining district, SW China. <i>Environmental Science & Technology</i> , 2013 , 47, 2238-45	10.3	142
392	Oxidation and methylation of dissolved elemental mercury by anaerobic bacteria. <i>Nature Geoscience</i> , 2013 , 6, 751-754	18.3	133
391	Environmental contamination of mercury from Hg-mining areas in Wuchuan, northeastern Guizhou, China. <i>Environmental Pollution</i> , 2006 , 142, 549-58	9.3	132
390	Atmospheric mercury concentrations observed at ground-based monitoring sites globally distributed in the framework of the GMOS network. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 11915-11935	6.8	122
389	Methylmercury exposure and health effects from rice and fish consumption: a review. <i>International Journal of Environmental Research and Public Health</i> , 2010 , 7, 2666-91	4.6	122
388	Tracing mercury contamination sources in sediments using mercury isotope compositions. <i>Environmental Science & Technology</i> , 2010 , 44, 3363-8	10.3	120
387	Allocation and source attribution of lead and cadmium in maize (<i>Zea mays</i> L.) impacted by smelting emissions. <i>Environmental Pollution</i> , 2009 , 157, 834-9	9.3	117
386	Challenges and opportunities for managing aquatic mercury pollution in altered landscapes. <i>Ambio</i> , 2018 , 47, 141-169	6.5	116
385	Distributions, sources and pollution status of 17 trace metal/metalloids in the street dust of a heavily industrialized city of central China. <i>Environmental Pollution</i> , 2013 , 182, 408-16	9.3	115
384	Observations of atmospheric mercury in China: a critical review. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 9455-9476	6.8	112
383	Total gaseous mercury concentrations in ambient air in the eastern slope of Mt. Gongga, South-Eastern fringe of the Tibetan plateau, China. <i>Atmospheric Environment</i> , 2008 , 42, 970-979	5.3	107
382	Atmospheric mercury in Changbai Mountain area, northeastern China I. The seasonal distribution pattern of total gaseous mercury and its potential sources. <i>Environmental Research</i> , 2009 , 109, 201-6	7.9	106
381	Re-evaluation of distillation and comparison with HNO ₃ leaching/solvent extraction for isolation of methylmercury compounds from sediment/soil samples. <i>Applied Organometallic Chemistry</i> , 2004 , 18, 264-270	3.1	103
380	Selenium in soil inhibits mercury uptake and translocation in rice (<i>Oryza sativa</i> L.). <i>Environmental Science & Technology</i> , 2012 , 46, 10040-6	10.3	101
379	Oxidation of atomic mercury by hydroxyl radicals and photoinduced decomposition of methylmercury in the aqueous phase. <i>Atmospheric Environment</i> , 2001 , 35, 3039-3047	5.3	101
378	Distribution and wet deposition fluxes of total and methyl mercury in Wujiang River Basin, Guizhou, China. <i>Atmospheric Environment</i> , 2008 , 42, 7096-7103	5.3	96
377	Speciated atmospheric mercury and its potential source in Guiyang, China. <i>Atmospheric Environment</i> , 2011 , 45, 4205-4212	5.3	95
376	Mass-Dependent and -Independent Fractionation of Mercury Isotope during Gas-Phase Oxidation of Elemental Mercury Vapor by Atomic Cl and Br. <i>Environmental Science & Technology</i> , 2016 , 50, 9232-41	10.3	94

375	Elevated atmospheric deposition and dynamics of mercury in a remote upland forest of southwestern China. <i>Environmental Pollution</i> , 2010 , 158, 2324-33	9.3	91
374	Temporal variation of total gaseous mercury in the air of Guiyang, China. <i>Journal of Geophysical Research</i> , 2004 , 109, n/a-n/a		91
373	Isotopic Composition of Atmospheric Mercury in China: New Evidence for Sources and Transformation Processes in Air and in Vegetation. <i>Environmental Science & Technology</i> , 2016 , 50, 9262-9	10.3	91
372	Localization and speciation of mercury in brown rice with implications for pan-Asian public health. <i>Environmental Science & Technology</i> , 2014 , 48, 7974-81	10.3	88
371	A preliminary study on mercury contamination to the environment from artisanal zinc smelting using indigenous methods in Hezhang County, Guizhou, China: Part 2. Mercury contaminations to soil and crop. <i>Science of the Total Environment</i> , 2006 , 368, 47-55	10.2	88
370	Total gaseous mercury in the atmosphere of Guiyang, PR China. <i>Science of the Total Environment</i> , 2003 , 304, 61-72	10.2	88
369	Occurrence, Emissions and Deposition of Mercury during Coal Combustion in the Province Guizhou, China. <i>Water, Air, and Soil Pollution</i> , 2002 , 139, 311-324	2.6	87
368	Mercury speciation and mercury isotope fractionation during ore roasting process and their implication to source identification of downstream sediment in the Wanshan mercury mining area, SW China. <i>Chemical Geology</i> , 2013 , 336, 72-79	4.2	85
367	Total gaseous mercury exchange between air and water at river and sea surfaces in Swedish coastal regions. <i>Atmospheric Environment</i> , 2001 , 35, 3027-3038	5.3	84
366	Assessment of Global Mercury Deposition through Litterfall. <i>Environmental Science & Technology</i> , 2016 , 50, 8548-57	10.3	83
365	Mercury distributions and mercury isotope signatures in sediments of Dongjiang, the Pearl River Delta, China. <i>Chemical Geology</i> , 2011 , 287, 81-89	4.2	82
364	Mercury exposure in the population from Wuchuan mercury mining area, Guizhou, China. <i>Science of the Total Environment</i> , 2008 , 395, 72-9	10.2	82
363	Characteristics of mercury exchange flux between soil and air in the heavily air-polluted area, eastern Guizhou, China. <i>Atmospheric Environment</i> , 2007 , 41, 5584-5594	5.3	82
362	A preliminary study on mercury contamination to the environment from artisanal zinc smelting using indigenous methods in Hezhang county, Guizhou, China Part 1: mercury emission from zinc smelting and its influences on the surface waters. <i>Atmospheric Environment</i> , 2004 , 38, 6223-6230	5.3	82
361	Application of the stable-isotope system to the study of sources and fate of Hg in the environment: A review. <i>Applied Geochemistry</i> , 2010 , 25, 1467-1477	3.5	81
360	New insights into traditional health risk assessments of mercury exposure: implications of selenium. <i>Environmental Science & Technology</i> , 2014 , 48, 1206-12	10.3	80
359	Ammonium thiosulphate enhanced phytoextraction from mercury contaminated soil--results from a greenhouse study. <i>Journal of Hazardous Materials</i> , 2011 , 186, 119-27	12.8	79
358	Identifying the sources and processes of mercury in subtropical estuarine and ocean sediments using Hg isotopic composition. <i>Environmental Science & Technology</i> , 2015 , 49, 1347-55	10.3	78

357	Rice consumption contributes to low level methylmercury exposure in southern China. <i>Environment International</i> , 2012 , 49, 18-23	12.9	78
356	Mercury and other metal and metalloid soil contamination near a Pb/Zn smelter in east Hunan province, China. <i>Applied Geochemistry</i> , 2011 , 26, 160-166	3.5	78
355	Mercury in the marine boundary layer and seawater of the South China Sea: Concentrations, sea/air flux, and implication for land outflow. <i>Journal of Geophysical Research</i> , 2010 , 115,		78
354	Atmospheric mercury in Changbai Mountain area, northeastern China II. The distribution of reactive gaseous mercury and particulate mercury and mercury deposition fluxes. <i>Environmental Research</i> , 2009 , 109, 721-7	7.9	77
353	Health risks of heavy metal exposure through vegetable consumption near a large-scale Pb/Zn smelter in central China. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 161, 99-110	7	76
352	The potential of wastewater-based epidemiology as surveillance and early warning of infectious disease outbreaks. <i>Current Opinion in Environmental Science and Health</i> , 2020 , 17, 1-7	8.1	75
351	Release flux of mercury from different environmental surfaces in Chongqing, China. <i>Chemosphere</i> , 2006 , 64, 1845-54	8.4	74
350	Characterization of mercury species in brown and white rice (<i>Oryza sativa</i> L.) grown in water-saving paddies. <i>Environmental Pollution</i> , 2011 , 159, 1283-9	9.3	73
349	Mercury methylation in rice paddies and its possible controlling factors in the Hg mining area, Guizhou province, Southwest China. <i>Environmental Pollution</i> , 2016 , 215, 1-9	9.3	72
348	Seasonal variation of gaseous mercury exchange rate between air and water surface over Baihua reservoir, Guizhou, China. <i>Atmospheric Environment</i> , 2004 , 38, 4721-4732	5.3	71
347	Assessment of environmental mercury discharge at a four-year-old artisanal gold mining area on Lombok Island, Indonesia. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 2598-607		70
346	Total particulate and reactive gaseous mercury in ambient air on the eastern slope of the Mt. Gongga area, China. <i>Applied Geochemistry</i> , 2008 , 23, 408-418	3.5	70
345	Global observations and modeling of atmosphereSurface exchange of elemental mercury: a critical review. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 4451-4480	6.8	69
344	Insights into low fish mercury bioaccumulation in a mercury-contaminated reservoir, Guizhou, China. <i>Environmental Pollution</i> , 2012 , 160, 109-17	9.3	69
343	Total gaseous mercury emissions from soil in Guiyang, Guizhou, China. <i>Journal of Geophysical Research</i> , 2005 , 110, n/a-n/a		69
342	Mercury cycling in a flooded rice paddy. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		67
341	Mercury isotope variations between bioavailable mercury fractions and total mercury in mercury contaminated soil in Wanshan Mercury Mine, SW China. <i>Chemical Geology</i> , 2013 , 336, 80-86	4.2	67
340	Mercury pollution from artisanal mercury mining in Tongren, Guizhou, China. <i>Applied Geochemistry</i> , 2008 , 23, 2055-2064	3.5	67

339	Mercury speciation and emissions from coal combustion in Guiyang, Southwest China. <i>Environmental Research</i> , 2007 , 105, 175-82	7.9	67
338	Mercury distribution and speciation in water and fish from abandoned Hg mines in Wanshan, Guizhou province, China. <i>Science of the Total Environment</i> , 2009 , 407, 5162-8	10.2	66
337	The impact of eutrophication on the biogeochemical cycling of mercury species in a reservoir: a case study from Hongfeng Reservoir, Guizhou, China. <i>Environmental Pollution</i> , 2008 , 154, 56-67	9.3	66
336	Gold mining related mercury contamination in Tongguan, Shaanxi Province, PR China. <i>Applied Geochemistry</i> , 2006 , 21, 1955-1968	3.5	66
335	Prediction of methyl mercury uptake by rice plants (<i>Oryza sativa</i> L.) using the diffusive gradient in thin films technique. <i>Environmental Science & Technology</i> , 2012 , 46, 11013-20	10.3	65
334	Examination of total mercury inputs by precipitation and litterfall in a remote upland forest of Southwestern China. <i>Atmospheric Environment</i> , 2013 , 81, 364-372	5.3	64
333	Using Mercury Isotopes To Understand Mercury Accumulation in the Montane Forest Floor of the Eastern Tibetan Plateau. <i>Environmental Science & Technology</i> , 2017 , 51, 801-809	10.3	62
332	Degradation of methylmercury and its effects on mercury distribution and cycling in the Florida Everglades. <i>Environmental Science & Technology</i> , 2010 , 44, 6661-6	10.3	61
331	Identification of fractions of mercury in water, soil and sediment from a typical Hg mining area in Wanshan, Guizhou province, China. <i>Applied Geochemistry</i> , 2010 , 25, 60-68	3.5	60
330	Heavy metals in an impacted wetland system: a typical case from southwestern China. <i>Science of the Total Environment</i> , 2007 , 387, 257-68	10.2	60
329	Analysis of inorganic mercury species associated with airborne particulate matter/aerosols: method development. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 380, 683-9	4.4	60
328	Trends and advances in mercury stable isotopes as a geochemical tracer. <i>Trends in Environmental Analytical Chemistry</i> , 2014 , 2, 1-10	12	59
327	Implications of mercury speciation in thiosulfate treated plants. <i>Environmental Science & Technology</i> , 2012 , 46, 5361-8	10.3	59
326	Mercury contaminations from historic mining to water, soil and vegetation in Lanmuchang, Guizhou, southwestern China. <i>Science of the Total Environment</i> , 2006 , 368, 56-68	10.2	59
325	Mercury stable isotopic compositions in coals from major coal producing fields in China and their geochemical and environmental implications. <i>Environmental Science & Technology</i> , 2014 , 48, 5565-74	10.3	58
324	Environmental mercury contamination of an artisanal zinc smelting area in Weining County, Guizhou, China. <i>Environmental Pollution</i> , 2008 , 154, 21-31	9.3	58
323	Biogenesis of Mercury-Sulfur Nanoparticles in Plant Leaves from Atmospheric Gaseous Mercury. <i>Environmental Science & Technology</i> , 2018 , 52, 3935-3948	10.3	57
322	Ultrasensitive Speciation Analysis of Mercury in Rice by Headspace Solid Phase Microextraction Using Porous Carbons and Gas Chromatography-Dielectric Barrier Discharge Optical Emission Spectrometry. <i>Environmental Science & Technology</i> , 2016 , 50, 2468-76	10.3	57

321	Mercury reduction and cell-surface adsorption by <i>Geobacter sulfurreducens</i> PCA. <i>Environmental Science & Technology</i> , 2013 , 47, 10922-30	10.3	57
320	Temporal and spatial distributions of total gaseous mercury concentrations in ambient air in a mountainous area in southwestern China: implications for industrial and domestic mercury emissions in remote areas in China. <i>Science of the Total Environment</i> , 2009 , 407, 2306-14	10.2	57
319	Environment and genotype controls on mercury accumulation in rice (<i>Oryza sativa</i> L.) cultivated along a contamination gradient in Guizhou, China. <i>Science of the Total Environment</i> , 2012 , 426, 272-80	10.2	56
318	Mercury pollution in Wuchuan mercury mining area, Guizhou, Southwestern China: the impacts from large scale and artisanal mercury mining. <i>Environment International</i> , 2012 , 42, 59-66	12.9	56
317	Mercury exposures and symptoms in smelting workers of artisanal mercury mines in Wuchuan, Guizhou, China. <i>Environmental Research</i> , 2008 , 107, 108-14	7.9	56
316	Mass-dependent and mass-independent fractionation of mercury isotopes in precipitation from Guiyang, SW China. <i>Comptes Rendus - Geoscience</i> , 2015 , 347, 358-367	1.4	55
315	Stable Isotope Evidence Shows Re-emission of Elemental Mercury Vapor Occurring after Reductive Loss from Foliage. <i>Environmental Science & Technology</i> , 2019 , 53, 651-660	10.3	55
314	Multi-model study of mercury dispersion in the atmosphere: atmospheric processes and model evaluation. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 5271-5295	6.8	52
313	Inorganic mercury accumulation in rice (<i>Oryza sativa</i> L.). <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 2093-8	3.8	52
312	An improved dual-stage protocol to pre-concentrate mercury from airborne particles for precise isotopic measurement. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 957-966	3.7	51
311	Isotopic evidence for distinct sources of mercury in lake waters and sediments. <i>Chemical Geology</i> , 2016 , 426, 33-44	4.2	51
310	Estimation of mercury emission from different sources to atmosphere in Chongqing, China. <i>Science of the Total Environment</i> , 2006 , 366, 722-8	10.2	51
309	Measure-Specific Effectiveness of Air Pollution Control on China's Atmospheric Mercury Concentration and Deposition during 2013-2017. <i>Environmental Science & Technology</i> , 2019 , 53, 8938-8946	10.3	50
308	Depletion of atmospheric gaseous elemental mercury by plant uptake at Mt. Changbai, Northeast China. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 12861-12873	6.8	50
307	Mercury concentrations and air/soil fluxes in Wuchuan mercury mining district, Guizhou province, China. <i>Atmospheric Environment</i> , 2007 , 41, 5984-5993	5.3	50
306	Five-year records of mercury wet deposition flux at GMOS sites in the Northern and Southern hemispheres. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 2689-2708	6.8	48
305	Observation and analysis of speciated atmospheric mercury in Shangri-La, Tibetan Plateau, China. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 653-665	6.8	48
304	Comprehensive review of the basic chemical behaviours, sources, processes, and endpoints of trace element contamination in paddy soil-rice systems in rice-growing countries. <i>Journal of Hazardous Materials</i> , 2020 , 397, 122720	12.8	48

303	Accumulation and translocation of ¹⁹⁸ Hg in four crop species. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 334-40	3.8	47
302	Human Body Burden and Dietary Methylmercury Intake: The Relationship in a Rice-Consuming Population. <i>Environmental Science & Technology</i> , 2015 , 49, 9682-9	10.3	46
301	Environmental geochemistry of an active Hg mine in Xunyang, Shaanxi Province, China. <i>Applied Geochemistry</i> , 2012 , 27, 2280-2288	3.5	46
300	Fractionation, distribution and transport of mercury in rivers and tributaries around Wanshan Hg mining district, Guizhou province, southwestern China: Part 1 Total mercury. <i>Applied Geochemistry</i> , 2010 , 25, 633-641	3.5	46
299	Exchange fluxes of Hg between surfaces and atmosphere in the eastern flank of Mount Gongga, Sichuan province, southwestern China. <i>Journal of Geophysical Research</i> , 2008 , 113,		46
298	Understanding the paradox of selenium contamination in mercury mining areas: high soil content and low accumulation in rice. <i>Environmental Pollution</i> , 2014 , 188, 27-36	9.3	45
297	Mercury methylation in paddy soil: source and distribution of mercury species at a Hg mining area, Guizhou Province, China. <i>Biogeosciences</i> , 2016 , 13, 2429-2440	4.6	45
296	Efficient removal of Cd(II) from aqueous solution by pinecone biochar: Sorption performance and governing mechanisms. <i>Environmental Pollution</i> , 2020 , 265, 115001	9.3	44
295	The variations of mercury in sediment profiles from a historically mercury-contaminated reservoir, Guizhou province, China. <i>Science of the Total Environment</i> , 2008 , 407, 497-506	10.2	44
294	Mercury Isotopes as Proxies to Identify Sources and Environmental Impacts of Mercury in Sphalerites. <i>Scientific Reports</i> , 2016 , 6, 18686	4.9	43
293	Distribution and geochemical speciation of soil mercury in Wanshan Hg mine: Effects of cultivation. <i>Geoderma</i> , 2016 , 272, 32-38	6.7	43
292	Mercury mass balance study in Wujiangdu and Dongfeng Reservoirs, Guizhou, China. <i>Environmental Pollution</i> , 2009 , 157, 2594-603	9.3	43
291	Emission-dominated gas exchange of elemental mercury vapor over natural surfaces in China. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 11125-11143	6.8	42
290	Atmospheric wet and litterfall mercury deposition at urban and rural sites in China. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 11547-11562	6.8	42
289	A compilation of field surveys on gaseous elemental mercury (GEM) from contrasting environmental settings in Europe, South America, South Africa and China: separating facts from facts. <i>Environmental Geochemistry and Health</i> , 2014 , 36, 713-34	4.7	42
288	Geochemical processes of mercury in Wujiangdu and Dongfeng reservoirs, Guizhou, China. <i>Environmental Pollution</i> , 2009 , 157, 2970-84	9.3	42
287	Mercury flow through an Asian rice-based food web. <i>Environmental Pollution</i> , 2017 , 229, 219-228	9.3	41
286	Human inorganic mercury exposure, renal effects and possible pathways in Wanshan mercury mining area, China. <i>Environmental Research</i> , 2015 , 140, 198-204	7.9	41

285	Enhanced accumulation and storage of mercury on subtropical evergreen forest floor: Implications on mercury budget in global forest ecosystems. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 2096-2109	3.7	41
284	Mercury pollution in fish from South China Sea: levels, species-specific accumulation, and possible sources. <i>Environmental Research</i> , 2014 , 131, 160-4	7.9	41
283	Horizontal and vertical variability of mercury species in pore water and sediments in small lakes in Ontario. <i>Science of the Total Environment</i> , 2007 , 386, 53-64	10.2	41
282	Atmospheric mercury emission from artisanal mercury mining in Guizhou Province, Southwestern China. <i>Atmospheric Environment</i> , 2009 , 43, 2247-2251	5.3	40
281	Mercury emission to atmosphere from primary Zn production in China. <i>Science of the Total Environment</i> , 2010 , 408, 4607-12	10.2	40
280	Speciation of methylmercury in rice grown from a mercury mining area. <i>Environmental Pollution</i> , 2010 , 158, 3103-7	9.3	40
279	Climate and Vegetation As Primary Drivers for Global Mercury Storage in Surface Soil. <i>Environmental Science & Technology</i> , 2019 , 53, 10665-10675	10.3	39
278	How closely do mercury trends in fish and other aquatic wildlife track those in the atmosphere? - Implications for evaluating the effectiveness of the Minamata Convention. <i>Science of the Total Environment</i> , 2019 , 674, 58-70	10.2	39
277	Atmospheric mercury species measured in Guiyang, Guizhou province, southwest China. <i>Atmospheric Research</i> , 2011 , 100, 93-102	5.4	39
276	Landfill is an important at-mospheric mercury emission source. <i>Science Bulletin</i> , 2004 , 49, 2068		39
275	Actual mercury speciation and mercury discharges from coal-fired power plants in Inner Mongolia, Northern China. <i>Fuel</i> , 2016 , 180, 194-204	7.1	39
274	The local impact of a coal-fired power plant on inorganic mercury and methyl-mercury distribution in rice (<i>Oryza sativa</i> L.). <i>Environmental Pollution</i> , 2017 , 223, 11-18	9.3	38
273	Large Variation of Mercury Isotope Composition During a Single Precipitation Event at Lhasa City, Tibetan Plateau, China. <i>Procedia Earth and Planetary Science</i> , 2015 , 13, 282-286		38
272	The use of calcium carbonate-enriched clay minerals and diammonium phosphate as novel immobilization agents for mercury remediation: Spectral investigations and field applications. <i>Science of the Total Environment</i> , 2019 , 646, 1615-1623	10.2	38
271	Anomalous mercury enrichment in Early Cambrian black shales of South China: Mercury isotopes indicate a seawater source. <i>Chemical Geology</i> , 2017 , 467, 159-167	4.2	38
270	Global Mercury Emissions to the Atmosphere from Natural and Anthropogenic Sources 2009 , 1-47		38
269	Atmospheric gaseous elemental mercury in downtown Toronto. <i>Atmospheric Environment</i> , 2006 , 40, 4016-4024	5.3	38
268	Novel dynamic flux chamber for measuring air-surface exchange of Hg(o) from soils. <i>Environmental Science & Technology</i> , 2012 , 46, 8910-20	10.3	37

267	Preparation of a La/N co-doped TiO ₂ film electrode with visible light response and its photoelectrocatalytic activity on a Ni substrate. <i>Dyes and Pigments</i> , 2016 , 125, 375-383	4.6	36
266	Mitigation of mercury accumulation in rice using rice hull-derived biochar as soil amendment: A field investigation. <i>Journal of Hazardous Materials</i> , 2020 , 388, 121747	12.8	36
265	Use of biochar to reduce mercury accumulation in <i>Oryza sativa</i> L: A trial for sustainable management of historically polluted farmlands. <i>Environment International</i> , 2021 , 153, 106527	12.9	36
264	Fractionation, distribution and transport of mercury in rivers and tributaries around Wanshan Hg mining district, Guizhou Province, Southwestern China: Part 2 [Methylmercury. <i>Applied Geochemistry</i> , 2010 , 25, 642-649	3.5	35
263	Domestic and Transboundary Sources of Atmospheric Particulate Bound Mercury in Remote Areas of China: Evidence from Mercury Isotopes. <i>Environmental Science & Technology</i> , 2019 , 53, 1947-1957	10.3	34
262	Mercury contents in rice and potential health risks across China. <i>Environment International</i> , 2019 , 126, 406-412	12.9	34
261	Quantitative assessment of cadmium emission from zinc smelting and its influences on the surface soils and mosses in Hezhang County, Southwestern China. <i>Atmospheric Environment</i> , 2006 , 40, 4228-4233	5.3	34
260	The impacts of organic matter on the distribution and methylation of mercury in a hydroelectric reservoir in Wujiang River, Southwest China. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 191-9	3.8	34
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