Qingru Wu

List of Publications by Year in Descending Order

153 papers	7,760 citations	49 h-index	84 g-index
164 ext. papers	9,626 ext. citations	8.5 avg, IF	6.33 L-index

#	Paper	IF	Citations
153	Impacts of Removal Compensation Effect on the Mercury Emission Inventories for Nonferrous Metal (Zinc, Lead, and Copper) Smelting in China.. *Environmental Science & Technology*, **2022**,	10.3	1
152	Mercury emission characteristics and mechanism in the raw mill system of cement clinker production. *Journal of Hazardous Materials*, **2022**, 430, 128403	12.8	0
151	Mimicking atmospheric photochemical modelling with a deep neural network. *Atmospheric Research*, **2022**, 265, 1-11	5.4	0
150	Emission characteristics of heavy metals from a typical copper smelting plant. *Journal of Hazardous Materials*, **2022**, 424, 127311	12.8	4
149	Improvements of response surface modeling with self-adaptive machine learning method for PM and O predictions. *Journal of Environmental Management*, **2021**, 303, 114210	7.9	1
148	Source contribution analysis of PM using Response Surface Model and Particulate Source Apportionment Technology over the PRD region, China. *Science of the Total Environment*, **2021**, 151757	10.2	3
147	Variations and Sources of Organic Aerosol in Winter Beijing under Markedly Reduced Anthropogenic Activities During COVID-2019. *Environmental Science & Technology*, **2021**,	10.3	4
146	Effect of the Coal Preparation Process on Mercury Flows and Emissions in Coal Combustion Systems. *Environmental Science & Technology*, **2021**, 55, 13687-13696	10.3	0
145	Non-negligible contributions to human health from increased household air pollution exposure during the COVID-19 lockdown in China. *Environment International*, **2021**, 158, 106918	12.9	8
144	Global health effects of future atmospheric mercury emissions. *Nature Communications*, **2021**, 12, 3035	17.4	10
143	Global Economic Structure Transition Boosts Atmospheric Mercury Emissions in China. *Earth's Future*, **2021**, 9, e2021EF002076	7.9	2
142	Improvement of NH3 resistance over CuO/TiO2 catalysts for elemental mercury oxidation in a wide temperature range. *Catalysis Today*, **2021**, 376, 276-284	5.3	2
141	Enhanced mercury control but increased bromine and sulfur trioxides emissions after using bromine injection technology based on full-scale experiment. *Fuel*, **2021**, 285, 119130	7.1	5
140	Enhancement of the polynomial functions response surface model for real-time analyzing ozone sensitivity. *Frontiers of Environmental Science and Engineering*, **2021**, 15, 1	5.8	6
139	Impact of emission reductions and meteorology changes on atmospheric mercury concentrations during the COVID-19 lockdown. *Science of the Total Environment*, **2021**, 750, 142323	10.2	12
138	Flame synthesized nanoscale catalyst (CuCeWTi) with excellent Hg oxidation activity and hydrothermal resistance. *Journal of Hazardous Materials*, **2021**, 408, 124427	12.8	1
137	First High-Resolution Emission Inventory of Levoglucosan for Biomass Burning and Non-Biomass Burning Sources in China. *Environmental Science & Technology*, **2021**, 55, 1497-1507	10.3	17

136	Distribution and emissions of trace elements in coal-fired power plants after ultra-low emission retrofitting. *Science of the Total Environment*, **2021**, 754, 142285	10.2	12
135	Predicting the Nonlinear Response of PM and Ozone to Precursor Emission Changes with a Response Surface Model. *Atmosphere*, **2021**, 12, 1-1044	2.7	4
134	Highly Resolved Inventory of Mercury Release to Water from Anthropogenic Sources in China. *Environmental Science & Technology*, **2021**, 55, 13860-13868	10.3	3
133	The silver linings of mercury: Reconsideration of its impacts on living organisms from a multi-timescale perspective. *Environment International*, **2021**, 155, 106670	12.9	3
132	Source impact and contribution analysis of ambient ozone using multi-modeling approaches over the Pearl River Delta region, China. *Environmental Pollution*, **2021**, 289, 117860	9.3	4
131	Potential environmental risk of trace elements in fly ash and gypsum from ultra-low emission coal-fired power plants in China. *Science of the Total Environment*, **2021**, 798, 149116	10.2	7
130	Optimization of a NO and VOC Cooperative Control Strategy Based on Clean Air Benefits.. *Environmental Science & Technology*, **2021**,	10.3	4
129	Impacts of Anthropogenic Emissions and Meteorological Variation on Hg Wet Deposition in Chongming, China. *Atmosphere*, **2020**, 11, 1301	2.7	1
128	Developing a statistical model to explain the observed decline of atmospheric mercury. *Atmospheric Environment*, **2020**, 243, 117868	5.3	2
127	Regional transport in Beijing-Tianjin-Hebei region and its changes during 2014-2017: The impacts of meteorology and emission reduction. *Science of the Total Environment*, **2020**, 737, 139792	10.2	42
126	Quantification of the enhancement of PM concentration by the downward transport of ozone from the stratosphere. *Chemosphere*, **2020**, 255, 126907	8.4	7
125	Impact of ultra-low emission technology retrofit on the mercury emissions and cross-media transfer in coal-fired power plants. *Journal of Hazardous Materials*, **2020**, 396, 122729	12.8	25
124	Source and sectoral contribution analysis of PM based on efficient response surface modeling technique over Pearl River Delta Region of China. *Science of the Total Environment*, **2020**, 737, 139655	10.2	7
123	Progress of Air Pollution Control in China and Its Challenges and Opportunities in the Ecological Civilization Era. *Engineering*, **2020**, 6, 1423-1431	9.7	82
122	Real-time source contribution analysis of ambient ozone using an enhanced meta-modeling approach over the Pearl River Delta Region of China. *Journal of Environmental Management*, **2020**, 268, 110650	7.9	9
121	Chemical characteristics and sources of water-soluble organic aerosol in southwest suburb of Beijing. *Journal of Environmental Sciences*, **2020**, 95, 99-110	6.4	8
120	Deep Learning for Prediction of the Air Quality Response to Emission Changes. *Environmental Science & Technology*, **2020**, 54, 8589-8600	10.3	25
119	Wintertime Particulate Matter Decrease Buffered by Unfavorable Chemical Processes Despite Emissions Reductions in China. *Geophysical Research Letters*, **2020**, 47, e2020GL087721	4.9	18

118	Large-scale optimization of multi-pollutant control strategies in the Pearl River Delta region of China using a genetic algorithm in machine learning. *Science of the Total Environment*, **2020**, 722, 137701	10.2	12
117	Subtropical Forests Act as Mercury Sinks but as Net Sources of Gaseous Elemental Mercury in South China. *Environmental Science & Technology*, **2020**, 54, 2772-2779	10.3	9
116	Quantifying the emission changes and associated air quality impacts during the COVID-19 pandemic on the North China Plain: a response modeling study. *Atmospheric Chemistry and Physics*, **2020**, 20, 14347-14359	6.8	34
115	Chemical deactivation of Selective Catalytic Reduction catalyst: Investigating the influence and mechanism of SeO2 poisoning. *Fuel*, **2020**, 269, 117435	7.1	8
114	A WRF-Chem model-based future vehicle emission control policy simulation and assessment for the Beijing-Tianjin-Hebei region, China. *Journal of Environmental Management*, **2020**, 253, 109751	7.9	12
113	Promoting SO Resistance of a CeO(5)-WO(9)/TiO Catalyst for Hg Oxidation via Adjusting the Basicity and Acidity Sites Using a CuO Doping Method. *Environmental Science & Technology*, **2020**, 54, 1889-1897	10.3	22
112	Mercury accumulation in soil from atmospheric deposition in temperate steppe of Inner Mongolia, China. *Environmental Pollution*, **2020**, 258, 113692	9.3	7
111	Modeling the heterogeneous oxidation of elemental mercury by chlorine in flue gas. *Fuel*, **2020**, 262, 116506	7.1	11
110	Gaseous and Particulate Chlorine Emissions From Typical Iron and Steel Industry in China. *Journal of Geophysical Research D: Atmospheres*, **2020**, 125, e2020JD032729	4.4	5
109	Study of Secondary Organic Aerosol Formation from Chlorine Radical-Initiated Oxidation of Volatile Organic Compounds in a Polluted Atmosphere Using a 3D Chemical Transport Model. *Environmental Science & Technology*, **2020**, 54, 13409-13418	10.3	12
108	Data assimilation of ambient concentrations of multiple air pollutants using an emission-concentration response modeling framework. *Atmosphere*, **2020**, 11,	2.7	5
107	Sulfur trioxide emissions from coal-fired power plants in China and implications on future control. *Fuel*, **2020**, 261, 116438	7.1	16
106	Transition in source contributions of PM exposure and associated premature mortality in China during 2005-2015. *Environment International*, **2019**, 132, 105111	12.9	54
105	Nonlinear relationships between air pollutant emissions and PM-related health impacts in the Beijing-Tianjin-Hebei region. *Science of the Total Environment*, **2019**, 661, 375-385	10.2	32
104	Contributions of inter-city and regional transport to PM concentrations in the Beijing-Tianjin-Hebei region and its implications on regional joint air pollution control. *Science of the Total Environment*, **2019**, 660, 1191-1200	10.2	86
103	Development of a unit-based industrial emission inventory in the Beijing□Tianjin□Hebei region and resulting improvement in air quality modeling. *Atmospheric Chemistry and Physics*, **2019**, 19, 3447-3462	6.8	36
102	Estimated Contributions of Emissions Controls, Meteorological Factors, Population Growth, and Changes in Baseline Mortality to Reductions in Ambient [Formula: see text] and [Formula: see text]-Related Mortality in China, 2013-2017. *Environmental Health Perspectives*, **2019**, 127, 67009	8.4	111
101	Measure-Specific Effectiveness of Air Pollution Control on China□ Atmospheric Mercury Concentration and Deposition during 2013-2017. *Environmental Science & Technology*, **2019**, 53, 8938-8946	10.3	50

100	Modeling the impact of heterogeneous reactions of chlorine on summertime nitrate formation in Beijing, China. *Atmospheric Chemistry and Physics*, **2019**, 19, 6737-6747	6.8	20
99	Air Pollution and Lung Cancer Risks **2019**, 29-40		1
98	Least-cost control strategy optimization for air quality attainment of Beijing-Tianjin-Hebei region in China. *Journal of Environmental Management*, **2019**, 245, 95-104	7.9	16
97	Measurement of size-fractionated particulate-bound mercury in Beijing and implications on sources and dry deposition of mercury. *Science of the Total Environment*, **2019**, 675, 176-183	10.2	9
96	Understanding of Aerosol□Climate Interactions in China: Aerosol Impacts on Solar Radiation, Temperature, Cloud, and Precipitation and Its Changes Under Future Climate and Emission Scenarios. *Current Pollution Reports*, **2019**, 5, 36-51	7.6	20
95	Mercury speciation, transformation, and transportation in soils, atmospheric flux, and implications for risk management: A critical review. *Environment International*, **2019**, 126, 747-761	12.9	149
94	Gasification of coal and biomass as a net carbon-negative power source for environment-friendly electricity generation in China. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 8206-8213	11.5	36
93	Source contribution analysis of mercury deposition using an enhanced CALPUFF-Hg in the central Pearl River Delta, China. *Environmental Pollution*, **2019**, 250, 1032-1043	9.3	6
92	Ammonia emission control in China would mitigate haze pollution and nitrogen deposition, but worsen acid rain. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 7760-7765	11.5	172
91	Significant impact of heterogeneous reactions of reactive chlorine species on summertime atmospheric ozone and free-radical formation in north China. *Science of the Total Environment*, **2019**, 693, 133580	10.2	16
90	Behavior of Sulfur Oxides in Nonferrous Metal Smelters and Implications on Future Control and Emission Estimation. *Environmental Science & Technology*, **2019**, 53, 8796-8804	10.3	12
89	A Review on Adsorption Technologies for Mercury Emission Control. *Bulletin of Environmental Contamination and Toxicology*, **2019**, 103, 155-162	2.7	9
88	Primary Suppliers Driving Atmospheric Mercury Emissions through Global Supply Chains. *One Earth*, **2019**, 1, 254-266	8.1	25
87	Development and application of observable response indicators for design of an effective ozone and fine particle pollution control strategy in China. *Atmospheric Chemistry and Physics*, **2019**, 19, 13627-13646	6.8	21
86	Air quality and health benefits from fleet electrification in China. *Nature Sustainability*, **2019**, 2, 962-971	22.1	73
85	Mercury-Organic Matter Interactions in Soils and Sediments: Angel or Devil?. *Bulletin of Environmental Contamination and Toxicology*, **2019**, 102, 621-627	2.7	22
84	Exploration of reaction mechanism between acid gases and elemental mercury on the CeO2□WO3/TiO2 catalyst via in situ DRIFTS. *Fuel*, **2019**, 239, 162-172	7.1	28
83	Characteristics and sources of aerosol pollution at a polluted rural site southwest in Beijing, China. *Science of the Total Environment*, **2018**, 626, 519-527	10.2	22

82	Development and case study of a new-generation model-VAT for analyzing the boundary conditions influence on atmospheric mercury simulation. *Frontiers of Environmental Science and Engineering*, **2018**, 12, 1	5.8	1
81	Insights on Chemistry of Mercury Species in Clouds over Northern China: Complexation and Adsorption. *Environmental Science & Technology*, **2018**, 52, 5125-5134	10.3	12
80	Anthropogenic Emissions of Hydrogen Chloride and Fine Particulate Chloride in China. *Environmental Science & Technology*, **2018**, 52, 1644-1654	10.3	51
79	Linking science and policy to support the implementation of the Minamata Convention on Mercury. *Ambio*, **2018**, 47, 198-215	6.5	56
78	Improving Flue Gas Mercury Removal in Waste Incinerators by Optimization of Carbon Injection Rate. *Environmental Science & Technology*, **2018**, 52, 1940-1945	10.3	12
77	Sulfur-modified rice husk biochar: A green method for the remediation of mercury contaminated soil. *Science of the Total Environment*, **2018**, 621, 819-826	10.2	145
76	A Highly Resolved Mercury Emission Inventory of Chinese Coal-Fired Power Plants. *Environmental Science & Technology*, **2018**, 52, 2400-2408	10.3	100
75	Gaseous elemental mercury (GEM) fluxes over canopy of two typical subtropical forests in south China. *Atmospheric Chemistry and Physics*, **2018**, 18, 495-509	6.8	21
74	Source-specific speciation profiles of PM for heavy metals and their anthropogenic emissions in China. *Environmental Pollution*, **2018**, 239, 544-553	9.3	67
73	Pollutant emissions from residential combustion and reduction strategies estimated via a village-based emission inventory in Beijing. *Environmental Pollution*, **2018**, 238, 230-237	9.3	45
72	Mercury flows in large-scale gold production and implications for Hg pollution control. *Journal of Environmental Sciences*, **2018**, 68, 91-99	6.4	21
71	Assessment of Regional Mercury Deposition and Emission Outflow in Mainland China. *Journal of Geophysical Research D: Atmospheres*, **2018**, 123, 9868-9890	4.4	19
70	Source Attribution for Mercury Deposition with an Updated Atmospheric Mercury Emission Inventory in the Pearl River Delta Region, China. *Frontiers of Environmental Science and Engineering*, **2018**, 13, 1	5.8	6
69	Change in household fuels dominates the decrease in PM exposure and premature mortality in China in 2005-2015. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 12401-12406	11.5	175
68	Mitigation Options of Atmospheric Hg Emissions in China. *Environmental Science & Technology*, **2018**, 52, 12368-12375	10.3	49
67	Quantification of the enhanced effectiveness of NO_{<i>x</i>} control from simultaneous reductions of VOC and NH₃ for reducing air pollution in the Beijing□Tianjin□Hebei region, China. *Atmospheric Chemistry and Physics*, **2018**, 18, 7799-7814	6.8	48
66	Emission-Limit-Oriented Strategy To Control Atmospheric Mercury Emissions in Coal-Fired Power Plants toward the Implementation of the Minamata Convention. *Environmental Science & Technology*, **2018**, 52, 11087-11093	10.3	42
65	New Insight into SO Poisoning and Regeneration of CeO-WO/TiO and VO-WO/TiO Catalysts for Low-Temperature NH-SCR. *Environmental Science & Technology*, **2018**, 52, 7064-7071	10.3	150

64	Recent decrease trend of atmospheric mercury concentrations in East China: the influence of anthropogenic emissions. *Atmospheric Chemistry and Physics*, **2018**, 18, 8279-8291	6.8	30
63	Mechanism identification of temperature influence on mercury adsorption capacity of different halides modified bio-chars. *Chemical Engineering Journal*, **2017**, 315, 251-261	14.7	47
62	A Holistic Perspective Is Needed To Ensure Success of Minamata Convention on Mercury. *Environmental Science & Technology*, **2017**, 51, 1070-1071	10.3	22
61	Increasing Ammonia Concentrations Reduce the Effectiveness of Particle Pollution Control Achieved via SO2 and NOX Emissions Reduction in East China. *Environmental Science and Technology Letters*, **2017**, 4, 221-227	11	99
60	Mercury Flows in China and Global Drivers. *Environmental Science & Technology*, **2017**, 51, 222-231	10.3	99
59	The influence of flue gas components and activated carbon injection on mercury capture of municipal solid waste incineration in China. *Chemical Engineering Journal*, **2017**, 326, 561-569	14.7	53
58	Assessing the Future Vehicle Fleet Electrification: The Impacts on Regional and Urban Air Quality. *Environmental Science & Technology*, **2017**, 51, 1007-1016	10.3	49
57	The impact of the "Air Pollution Prevention and Control Action Plan" on PM concentrations in Jing-Jin-Ji region during 2012-2020. *Science of the Total Environment*, **2017**, 580, 197-209	10.2	252
56	Lead Isotopic Compositions of Selected Coals, Pb/Zn Ores and Fuels in China and the Application for Source Tracing. *Environmental Science & Technology*, **2017**, 51, 13502-13508	10.3	82
55	Updated atmospheric mercury emissions from iron and steel production in China during 2000–2015 **2017**,		1
54	A modeling study of the nonlinear response of fine particles to air pollutant emissions in the Beijing-Tianjin-Hebei region **2017**,		2
53	Quantifying Nonlinear Multiregional Contributions to Ozone and Fine Particles Using an Updated Response Surface Modeling Technique. *Environmental Science & Technology*, **2017**, 51, 11788-11798	10.3	40
52	Premature Mortality Attributable to Particulate Matter in China: Source Contributions and Responses to Reductions. *Environmental Science & Technology*, **2017**, 51, 9950-9959	10.3	116
51	Role of inherent active constituents on mercury adsorption capacity of chars from four solid wastes. *Chemical Engineering Journal*, **2017**, 307, 544-552	14.7	44
50	Updated atmospheric speciated mercury emissions from iron and steel production in China during 2000–2015. *Atmospheric Chemistry and Physics*, **2017**, 17, 10423-10433	6.8	25
49	Impacts of coal burning on ambient PM_{2.5} pollution in China. *Atmospheric Chemistry and Physics*, **2017**, 17, 4477-4491	6.8	102
48	Modeling biogenic and anthropogenic secondary organic aerosol in China. *Atmospheric Chemistry and Physics*, **2017**, 17, 77-92	6.8	87
47	A synthesis of research needs for improving the understanding of atmospheric mercury cycling. *Atmospheric Chemistry and Physics*, **2017**, 17, 9133-9144	6.8	29

46	Ensemble prediction of air quality using the WRF/CMAQ model system for health effect studies in China. *Atmospheric Chemistry and Physics*, **2017**, 17, 13103-13118	6.8	38
45	Minamata Convention on Mercury: Chinese progress and perspectives. *National Science Review*, **2017**, 4, 677-679	10.8	8
44	Ensemble Predictions of Air Pollutants in China in 2013 for Health Effects Studies Using WRF/CMAQ Modeling System with Four Emission Inventories **2017**,		1
43	Mechanisms and roles of fly ash compositions on the adsorption and oxidation of mercury in flue gas from coal combustion. *Fuel*, **2016**, 163, 232-239	7.1	55
42	Temporal Trend and Spatial Distribution of Speciated Atmospheric Mercury Emissions in China During 1978-2014. *Environmental Science & Technology*, **2016**, 50, 13428-13435	10.3	173
41	Semi-coke briquettes: towards reducing emissions of primary PM2.5, particulate carbon, and carbon monoxide from household coal combustion in China. *Scientific Reports*, **2016**, 6, 19306	4.9	70
40	Mercury emission and speciation from industrial gold production using roasting process. *Journal of Geochemical Exploration*, **2016**, 170, 72-77	3.8	7
39	Foliage/atmosphere exchange of mercury in a subtropical coniferous forest in south China. *Journal of Geophysical Research G: Biogeosciences*, **2016**, 121, 2006-2016	3.7	18
38	Mercury transformation and speciation in flue gases from anthropogenic emission sources: a critical review. *Atmospheric Chemistry and Physics*, **2016**, 16, 2417-2433	6.8	84
37	Quantifying the effect of organic aerosol aging and intermediate-volatility emissions on regional-scale aerosol pollution in China. *Scientific Reports*, **2016**, 6, 28815	4.9	88
36	Mercury sorption study of halides modified bio-chars derived from cotton straw. *Chemical Engineering Journal*, **2016**, 302, 305-313	14.7	60
35	Mercury mass flow in iron and steel production process and its implications for mercury emission control. *Journal of Environmental Sciences*, **2016**, 43, 293-301	6.4	37
34	Material Flow for the Intentional Use of Mercury in China. *Environmental Science & Technology*, **2016**, 50, 2337-44	10.3	50
33	Meeting Minamata: Cost-effective compliance options for atmospheric mercury control in Chinese coal-fired power plants. *Energy Policy*, **2016**, 88, 485-494	7.2	36
32	Flow Analysis of the Mercury Associated with Nonferrous Ore Concentrates: Implications on Mercury Emissions and Recovery in China. *Environmental Science & Technology*, **2016**, 50, 1796-803	10.3	36
31	Characteristics of mercury cycling in the cement production process. *Journal of Hazardous Materials* , **2016**, 302, 27-35	12.8	29
30	Modeling Biogenic and Anthropogenic Secondary Organic Aerosol in China **2016**,		1
29	Modeling analysis of secondary inorganic aerosols over China: pollution characteristics, and meteorological and dust impacts. *Scientific Reports*, **2016**, 6, 35992	4.9	50

28	Mass-dependent and mass-independent fractionation of mercury isotopes in precipitation from Guiyang, SW China. *Comptes Rendus - Geoscience*, **2015**, 347, 358-367	1.4	55
27	Economic analysis of atmospheric mercury emission control for coal-fired power plants in China. *Journal of Environmental Sciences*, **2015**, 33, 125-34	6.4	24
26	Environmental Justice Aspects of Exposure to PM2.5 Emissions from Electric Vehicle Use in China. *Environmental Science & Technology*, **2015**, 49, 13912-20	10.3	33
25	Design Strategies for CeO2-MoO3 Catalysts for DeNOx and Hg(0) Oxidation in the Presence of HCl: The Significance of the Surface Acid-Base Properties. *Environmental Science & Technology*, **2015**, 49, 12388-94	10.3	63
24	New insight into atmospheric mercury emissions from zinc smelters using mass flow analysis. *Environmental Science & Technology*, **2015**, 49, 3532-9	10.3	44
23	Evaluation of one-dimensional and two-dimensional volatility basis sets in simulating the aging of secondary organic aerosol with smog-chamber experiments. *Environmental Science & Technology*, **2015**, 49, 2245-54	10.3	44
22	Updated emission inventories for speciated atmospheric mercury from anthropogenic sources in China. *Environmental Science & Technology*, **2015**, 49, 3185-94	10.3	285
21	Mercury enrichment and its effects on atmospheric emissions in cement plants of China. *Atmospheric Environment*, **2014**, 92, 421-428	5.3	35
20	Source apportionment of atmospheric mercury pollution in China using the GEOS-Chem model. *Environmental Pollution*, **2014**, 190, 166-75	9.3	67
19	A review of atmospheric mercury emissions, pollution and control in China. *Frontiers of Environmental Science and Engineering*, **2014**, 8, 631-649	5.8	90
18	Mercury concentrations in forest soils and stream waters in northeast and south China. *Science of the Total Environment*, **2014**, 496, 714-720	10.2	25
17	Spatial distribution and accumulation of Hg in soil surrounding a Zn/Pb smelter. *Science of the Total Environment*, **2014**, 496, 668-677	10.2	21
16	Impact of national NOx and SO2 control policies on particulate matter pollution in China. *Atmospheric Environment*, **2013**, 77, 453-463	5.3	173
15	Wet deposition of mercury at Lhasa, the capital city of Tibet. *Science of the Total Environment*, **2013**, 447, 123-32	10.2	54
14	Speciation of mercury in FGD gypsum and mercury emission during the wallboard production in China. *Fuel*, **2013**, 111, 621-627	7.1	46
13	Emission inventory of primary pollutants and chemical speciation in 2010 for the Yangtze River Delta region, China. *Atmospheric Environment*, **2013**, 70, 39-50	5.3	235
12	Measurements of mercury speciation and fine particle size distribution on combustion of China coal seams. *Fuel*, **2013**, 104, 732-738	7.1	19
11	Air quality management in China: issues, challenges, and options. *Journal of Environmental Sciences*, **2012**, 24, 2-13	6.4	377

10	Influence of mercury and chlorine content of coal on mercury emissions from coal-fired power plants in China. *Environmental Science & Technology*, **2012**, 46, 6385-92	10.3	112
9	Were mercury emission factors for Chinese non-ferrous metal smelters overestimated? Evidence from onsite measurements in six smelters. *Environmental Pollution*, **2012**, 171, 109-17	9.3	46
8	Mitigation Potential of Mercury Emissions from Coal-Fired Power Plants in China. *Energy & Fuels*, **2012**, 26, 4635-4642	4.1	63
7	Update of mercury emissions from China's primary zinc, lead and copper smelters, 2000–2010. *Atmospheric Chemistry and Physics*, **2012**, 12, 11153-11163	6.8	73
6	Verification of anthropogenic emissions of China by satellite and ground observations. *Atmospheric Environment*, **2011**, 45, 6347-6358	5.3	104
5	Impact assessment of ammonia emissions on inorganic aerosols in East China using response surface modeling technique. *Environmental Science & Technology*, **2011**, 45, 9293-300	10.3	184
4	Synergistic mercury removal by conventional pollutant control strategies for coal-fired power plants in China. *Journal of the Air and Waste Management Association*, **2010**, 60, 722-30	2.4	26
3	Establishment of a database of emission factors for atmospheric pollutants from Chinese coal-fired power plants. *Atmospheric Environment*, **2010**, 44, 1515-1523	5.3	175
2	Primary air pollutant emissions of coal-fired power plants in China: Current status and future prediction. *Atmospheric Environment*, **2008**, 42, 8442-8452	5.3	359
1	Trends in anthropogenic mercury emissions in China from 1995 to 2003. *Environmental Science & Technology*, **2006**, 40, 5312-8	10.3	370