Qingru Wu

List of Publications by Year
in descending order

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Version: 2024-02-01

156 papers	11,320 citations	24978 57 h-index	32761 100 g-index
164 all docs	164 docs citations	164 times ranked	7906 citing authors

#	Article	IF	Citations
1	Differentiated emission control strategy based on comprehensive evaluation of multi-media pollution: Case of mercury emission control. Journal of Environmental Sciences, 2023, 123, 222-234.	3.2	3
2	Synergetic PM2.5 and O3 control strategy for the Yangtze River Delta, China. Journal of Environmental Sciences, 2023, 123, 281-291.	3.2	24
3	Emission characteristics of heavy metals from a typical copper smelting plant. Journal of Hazardous Materials, 2022, 424, 127311.	6.5	11
4	Response of fine particulate matter and ozone to precursors emission reduction in the Yangtze River Delta andits policy implications. Chinese Science Bulletin, 2022, 67, 2079-2088.	0.4	4
5	Non-negligible contributions to human health from increased household air pollution exposure during the COVID-19 lockdown in China. Environment International, 2022, 158, 106918.	4.8	30
6	Mimicking atmospheric photochemical modeling with a deep neural network. Atmospheric Research, 2022, 265, 105919.	1.8	8
7	Improvements of response surface modeling with self-adaptive machine learning method for PM2.5 and O3 predictions. Journal of Environmental Management, 2022, 303, 114210.	3.8	9
8	Source contribution analysis of PM2.5 using Response Surface Model and Particulate Source Apportionment Technology over the PRD region, China. Science of the Total Environment, 2022, 818, 151757.	3.9	11
9	Variations and Sources of Organic Aerosol in Winter Beijing under Markedly Reduced Anthropogenic Activities During COVID-2019. Environmental Science & Technology, 2022, 56, 6956-6967.	4.6	14
10	Impacts of Removal Compensation Effect on the Mercury Emission Inventories for Nonferrous Metal (Zinc, Lead, and Copper) Smelting in China. Environmental Science & Technology, 2022, 56, 2163-2171.	4.6	11
11	Mercury emission characteristics and mechanism in the raw mill system of cement clinker production. Journal of Hazardous Materials, 2022, 430, 128403.	6.5	8
12	Optimization of a NO_x and VOC Cooperative Control Strategy Based on Clean Air Benefits. Environmental Science & Technology, 2022, 56, 739-749.	4.6	52
13	Improved atmospheric mercury simulation using updated gas-particle partition and organic aerosol concentrations. Journal of Environmental Sciences, 2022, , .	3.2	1
14	Elevated Gaseous Oxidized Mercury Revealed by a Newly Developed Speciated Atmospheric Mercury Monitoring System. Environmental Science & Technology, 2022, 56, 7707-7715.	4.6	7
15	Responses of nitrogen and sulfur deposition to NH3 emission control in the Yangtze River Delta, China. Environmental Pollution, 2022, 308, 119646.	3.7	4
16	Improvement of NH3 resistance over CuO/TiO2 catalysts for elemental mercury oxidation in a wide temperature range. Catalysis Today, 2021, 376, 276-284.	2.2	12
17	Enhanced mercury control but increased bromine and sulfur trioxides emissions after using bromine injection technology based on full-scale experiment. Fuel, 2021, 285, 119130.	3.4	8
18	Enhancement of the polynomial functions response surface model for real-time analyzing ozone sensitivity. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	3.3	12

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19	Impact of emission reductions and meteorology changes on atmospheric mercury concentrations during the COVID-19 lockdown. Science of the Total Environment, 2021, 750, 142323.	3.9	21
20	Flame synthesized nanoscale catalyst (CuCeWTi) with excellent Hg0 oxidation activity and hydrothermal resistance. Journal of Hazardous Materials, 2021, 408, 124427.	6.5	6
21	First High-Resolution Emission Inventory of Levoglucosan for Biomass Burning and Non-Biomass Burning Sources in China. Environmental Science & Technology, 2021, 55, 1497-1507.	4.6	40
22	Distribution and emissions of trace elements in coal-fired power plants after ultra-low emission retrofitting. Science of the Total Environment, 2021, 754, 142285.	3.9	19
23	Global health effects of future atmospheric mercury emissions. Nature Communications, 2021, 12, 3035.	5.8	71
24	Global Economic Structure Transition Boosts Atmospheric Mercury Emissions in China. Earth's Future, 2021, 9, e2021EF002076.	2.4	10
25	Predicting the Nonlinear Response of PM2.5 and Ozone to Precursor Emission Changes with a Response Surface Model. Atmosphere, 2021, 12, 1044.	1.0	9
26	Highly Resolved Inventory of Mercury Release to Water from Anthropogenic Sources in China. Environmental Science & Technology, 2021, 55, 13860-13868.	4.6	19
27	The silver linings of mercury: Reconsideration of its impacts on living organisms from a multi-timescale perspective. Environment International, 2021, 155, 106670.	4.8	12
28	Source impact and contribution analysis of ambient ozone using multi-modeling approaches over the Pearl River Delta region, China. Environmental Pollution, 2021, 289, 117860.	3.7	19
29	Potential environmental risk of trace elements in fly ash and gypsum from ultraâ€“low emission coalâ€“fired power plants in China. Science of the Total Environment, 2021, 798, 149116.	3.9	31
30	Effect of the Coal Preparation Process on Mercury Flows and Emissions in Coal Combustion Systems. Environmental Science & Technology, 2021, 55, 13687-13696.	4.6	9
31	Sulfur trioxide emissions from coal-fired power plants in China and implications on future control. Fuel, 2020, 261, 116438.	3.4	31
32	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.	3.8	35
33	Promoting SO₂ Resistance of a CeO₂(5)-WO₃(9)/TiO₂ Catalyst for Hg⁰ Oxidation via Adjusting the Basicity and Acidity Sites Using a CuO Doping Method. Environmental Science & Technology, 2020, 54, 1889-1897.	4.6	42
34	Mercury accumulation in soil from atmospheric deposition in temperate steppe of Inner Mongolia, China. Environmental Pollution, 2020, 258, 113692.	3.7	10
35	Modeling the heterogeneous oxidation of elemental mercury by chlorine in flue gas. Fuel, 2020, 262, 116506.	3.4	14
36	Gaseous and Particulate Chlorine Emissions From Typical Iron and Steel Industry in China. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032729.	1.2	13

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37	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.	4.6	24
38	Data Assimilation of Ambient Concentrations of Multiple Air Pollutants Using an Emission-Concentration Response Modeling Framework. Atmosphere, 2020, 11, 1289.	1.0	9
39	Impacts of Anthropogenic Emissions and Meteorological Variation on Hg Wet Deposition in Chongming, China. Atmosphere, 2020, 11, 1301.	1.0	2
40	Developing a statistical model to explain the observed decline of atmospheric mercury. Atmospheric Environment, 2020, 243, 117868.	1.9	12
41	Regional transport in Beijing-Tianjin-Hebei region and its changes during 2014â€"2017: The impacts of meteorology and emission reduction. Science of the Total Environment, 2020, 737, 139792.	3.9	85
42	Quantification of the enhancement of PM2.5 concentration by the downward transport of ozone from the stratosphere. Chemosphere, 2020, 255, 126907.	4.2	10
43	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.	6.5	43
44	Source and sectoral contribution analysis of PM2.5 based on efficient response surface modeling technique over Pearl River Delta Region of China. Science of the Total Environment, 2020, 737, 139655.	3.9	16
45	Progress of Air Pollution Control in China and Its Challenges and Opportunities in the Ecological Civilization Era. Engineering, 2020, 6, 1423-1431.	3.2	222
46	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.	3.8	19
47	Chemical characteristics and sources of water-soluble organic aerosol in southwest suburb of Beijing. Journal of Environmental Sciences, 2020, 95, 99-110.	3.2	11
48	Deep Learning for Prediction of the Air Quality Response to Emission Changes. Environmental Science & Technology, 2020, 54, 8589-8600.	4.6	58
49	Wintertime Particulate Matter Decrease Buffered by Unfavorable Chemical Processes Despite Emissions Reductions in China. Geophysical Research Letters, 2020, 47, e2020GL087721.	1.5	40
50	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.	3.9	19
51	Subtropical Forests Act as Mercury Sinks but as Net Sources of Gaseous Elemental Mercury in South China. Environmental Science & Technology, 2020, 54, 2772-2779.	4.6	17
52	Chemical deactivation of Selective Catalytic Reduction catalyst: Investigating the influence and mechanism of SeO2 poisoning. Fuel, 2020, 269, 117435.	3.4	16
53	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.	1.9	57
54	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.	3.9	29

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55	Behavior of Sulfur Oxides in Nonferrous Metal Smelters and Implications on Future Control and Emission Estimation. Environmental Science & Technology, 2019, 53, 8796-8804.	4.6	28
56	A Review on Adsorption Technologies for Mercury Emission Control. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 155-162.	1.3	18
57	Transition in source contributions of PM2.5 exposure and associated premature mortality in China during 2005â€“2015. Environment International, 2019, 132, 105111.	4.8	104
58	Nonlinear relationships between air pollutant emissions and PM2.5-related health impacts in the Beijing-Tianjin-Hebei region. Science of the Total Environment, 2019, 661, 375-385.	3.9	49
59	Contributions of inter-city and regional transport to PM2.5 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.	3.9	149
60	Development of a unit-based industrial emission inventory in the Beijingâ€“Tianjinâ€“Hebei region and resulting improvement in air quality modeling. Atmospheric Chemistry and Physics, 2019, 19, 3447-3462.	1.9	60
61	Estimated Contributions of Emissions Controls, Meteorological Factors, Population Growth, and Changes in Baseline Mortality to Reductions in Ambient PM2.5 and PM2.5-Related Mortality in China, 2013â€“2017. Environmental Health Perspectives, 2019, 127, 67009.	2.8	186
62	Measure-Specific Effectiveness of Air Pollution Control on Chinaâ€™s Atmospheric Mercury Concentration and Deposition during 2013â€“2017. Environmental Science & Technology, 2019, 53, 8938-8946.	4.6	95
63	Modeling the impact of heterogeneous reactions of chlorine on summertime nitrate formation in Beijing, China. Atmospheric Chemistry and Physics, 2019, 19, 6737-6747.	1.9	29
64	Air Pollution and Lung Cancer Risks. , 2019, , 29-40.		1
65	Least-cost control strategy optimization for air quality attainment of Beijingâ€“Tianjinâ€“Hebei region in China. Journal of Environmental Management, 2019, 245, 95-104.	3.8	35
66	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.	3.9	17
67	Understanding of Aerosolâ€“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.	3.1	39
68	Mercury speciation, transformation, and transportation in soils, atmospheric flux, and implications for risk management: A critical review. Environment International, 2019, 126, 747-761.	4.8	278
69	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.	3.3	78
70	Source contribution analysis of mercury deposition using an enhanced CALPUFF-Hg in the central Pearl River Delta, China. Environmental Pollution, 2019, 250, 1032-1043.	3.7	13
71	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.	3.3	308
72	Primary Suppliers Driving Atmospheric Mercury Emissions through Global Supply Chains. One Earth, 2019, 1, 254-266.	3.6	50

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73	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.	1.9	33
74	Air quality and health benefits from fleet electrification in China. Nature Sustainability, 2019, 2, 962-971.	11.5	174
75	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, 2019, 13, 1.	3.3	13
76	Mercuryâ€"Organic Matter Interactions in Soils and Sediments: Angel or Devil?. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 621-627.	1.3	50
77	Exploration of reaction mechanism between acid gases and elemental mercury on the CeO2â€"WO3/TiO2 catalyst via in situ DRIFTS. Fuel, 2019, 239, 162-172.	3.4	46
78	Characteristics and sources of aerosol pollution at a polluted rural site southwest in Beijing, China. Science of the Total Environment, 2018, 626, 519-527.	3.9	32
79	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.	3.3	1
80	Insights on Chemistry of Mercury Species in Clouds over Northern China: Complexation and Adsorption. Environmental Science & Technology, 2018, 52, 5125-5134.	4.6	19
81	Anthropogenic Emissions of Hydrogen Chloride and Fine Particulate Chloride in China. Environmental Science & Technology, 2018, 52, 1644-1654.	4.6	88
82	Linking science and policy to support the implementation of the Minamata Convention on Mercury. Ambio, 2018, 47, 198-215.	2.8	92
83	Improving Flue Gas Mercury Removal in Waste Incinerators by Optimization of Carbon Injection Rate. Environmental Science & Technology, 2018, 52, 1940-1945.	4.6	16
84	Sulfur-modified rice husk biochar: A green method for the remediation of mercury contaminated soil. Science of the Total Environment, 2018, 621, 819-826.	3.9	206
85	A Highly Resolved Mercury Emission Inventory of Chinese Coal-Fired Power Plants. Environmental Science & Technology, 2018, 52, 2400-2408.	4.6	152
86	Gaseous elemental mercury (GEM) fluxes over canopy of two typical subtropical forests in south China. Atmospheric Chemistry and Physics, 2018, 18, 495-509.	1.9	29
87	Source-specific speciation profiles of PM2.5 for heavy metals and their anthropogenic emissions in China. Environmental Pollution, 2018, 239, 544-553.	3.7	100
88	Pollutant emissions from residential combustion and reduction strategies estimated via a village-based emission inventory in Beijing. Environmental Pollution, 2018, 238, 230-237.	3.7	64
89	Mercury flows in large-scale gold production and implications for Hg pollution control. Journal of Environmental Sciences, 2018, 68, 91-99.	3.2	26
90	Change in household fuels dominates the decrease in PM _{2.5} exposure and premature mortality in China in 2005â€"2015. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12401-12406.	3.3	262

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91	Mitigation Options of Atmospheric Hg Emissions in China. Environmental Science & Technology, 2018, 52, 12368-12375.	4.6	84
92	Quantification of the enhanced effectiveness of NO_{<i>x</i>} control from simultaneous reductions of VOC and NH₃ for reducing air pollution in the Beijingâ€“Tianjinâ€“Hebei region, China. Atmospheric Chemistry and Physics, 2018, 18, 7799-7814.	1.9	68
93	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.	4.6	68
94	New Insight into SO₂ Poisoning and Regeneration of CeO₂â€“WO₃/TiO₂ and V₂O₅â€“WO₃/TiO₂ Catalysts for Low-Temperature NH₃â€“SCR. Environmental Science & Technology, 2018, 52, 7064-7071.	4.6	236
95	Recent decrease trend of atmospheric mercury concentrations in East China: the influence of anthropogenic emissions. Atmospheric Chemistry and Physics, 2018, 18, 8279-8291.	1.9	53
96	Assessment of Regional Mercury Deposition and Emission Outflow in Mainland China. Journal of Geophysical Research D: Atmospheres, 2018, 123, 9868-9890.	1.2	28
97	Mechanism identification of temperature influence on mercury adsorption capacity of different halides modified bio-chars. Chemical Engineering Journal, 2017, 315, 251-261.	6.6	62
98	A Holistic Perspective Is Needed To Ensure Success of Minamata Convention on Mercury. Environmental Science & Technology, 2017, 51, 1070-1071.	4.6	27
99	Increasing Ammonia Concentrations Reduce the Effectiveness of Particle Pollution Control Achieved via SO₂ and NO_X Emissions Reduction in East China. Environmental Science and Technology Letters, 2017, 4, 221-227.	3.9	142
100	Mercury Flows in China and Global Drivers. Environmental Science & Technology, 2017, 51, 222-231.	4.6	121
101	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.	6.6	75
102	Assessing the Future Vehicle Fleet Electrification: The Impacts on Regional and Urban Air Quality. Environmental Science & Technology, 2017, 51, 1007-1016.	4.6	71
103	The impact of the â€œAir Pollution Prevention and Control Action Planâ€•on PM2.5 concentrations in Jing-Jin-Ji region during 2012â€“2020. Science of the Total Environment, 2017, 580, 197-209.	3.9	344
104	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.	4.6	132
105	Quantifying Nonlinear Multiregional Contributions to Ozone and Fine Particles Using an Updated Response Surface Modeling Technique. Environmental Science & Technology, 2017, 51, 11788-11798.	4.6	55
106	Premature Mortality Attributable to Particulate Matter in China: Source Contributions and Responses to Reductions. Environmental Science & Technology, 2017, 51, 9950-9959.	4.6	152
107	Role of inherent active constituents on mercury adsorption capacity of chars from four solid wastes. Chemical Engineering Journal, 2017, 307, 544-552.	6.6	51
108	Updated atmospheric speciated mercury emissions from iron and steel production in China during 2000â€“2015. Atmospheric Chemistry and Physics, 2017, 17, 10423-10433.	1.9	36

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109	Impacts of coal burning on ambient PM_{2.5} pollution in China. Atmospheric Chemistry and Physics, 2017, 17, 4477-4491.	1.9	124
110	Modeling biogenic and anthropogenic secondary organic aerosol in China. Atmospheric Chemistry and Physics, 2017, 17, 77-92.	1.9	137
111	A synthesis of research needs for improving the understanding of atmospheric mercury cycling. Atmospheric Chemistry and Physics, 2017, 17, 9133-9144.	1.9	33
112	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.	1.9	64
113	Minamata Convention on Mercury: Chinese progress and perspectives. National Science Review, 2017, 4, 677-679.	4.6	13
114	Modeling analysis of secondary inorganic aerosols over China: pollution characteristics, and meteorological and dust impacts. Scientific Reports, 2016, 6, 35992.	1.6	69
115	Temporal Trend and Spatial Distribution of Speciated Atmospheric Mercury Emissions in China During 1978â€“2014. Environmental Science & Technology, 2016, 50, 13428-13435.	4.6	255
116	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.	1.6	77
117	Mercury emission and speciation from industrial gold production using roasting process. Journal of Geochemical Exploration, 2016, 170, 72-77.	1.5	10
118	Foliage/atmosphere exchange of mercury in a subtropical coniferous forest in south China. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 2006-2016.	1.3	32
119	Mercury transformation and speciation in flue gases from anthropogenic emission sources: a critical review. Atmospheric Chemistry and Physics, 2016, 16, 2417-2433.	1.9	114
120	Quantifying the effect of organic aerosol aging and intermediate-volatility emissions on regional-scale aerosol pollution in China. Scientific Reports, 2016, 6, 28815.	1.6	110
121	Mercury sorption study of halides modified bio-chars derived from cotton straw. Chemical Engineering Journal, 2016, 302, 305-313.	6.6	70
122	Mercury mass flow in iron and steel production process and its implications for mercury emission control. Journal of Environmental Sciences, 2016, 43, 293-301.	3.2	51
123	Material Flow for the Intentional Use of Mercury in China. Environmental Science & Technology, 2016, 50, 2337-2344.	4.6	69
124	Meeting Minamata: Cost-effective compliance options for atmospheric mercury control in Chinese coal-fired power plants. Energy Policy, 2016, 88, 485-494.	4.2	43
125	Flow Analysis of the Mercury Associated with Nonferrous Ore Concentrates: Implications on Mercury Emissions and Recovery in China. Environmental Science & Technology, 2016, 50, 1796-1803.	4.6	52
126	Characteristics of mercury cycling in the cement production process. Journal of Hazardous Materials, 2016, 302, 27-35.	6.5	37

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127	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.	3.4	66
128	New Insight into Atmospheric Mercury Emissions from Zinc Smelters Using Mass Flow Analysis. Environmental Science & Technology, 2015, 49, 3532-3539.	4.6	58
129	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, 2245-2254.	4.6	53
130	Updated Emission Inventories for Speciated Atmospheric Mercury from Anthropogenic Sources in China. Environmental Science & Technology, 2015, 49, 3185-3194.	4.6	356
131	Mass-dependent and mass-independent fractionation of mercury isotopes in precipitation from Guiyang, SW China. Comptes Rendus - Geoscience, 2015, 347, 358-367.	0.4	71
132	Economic analysis of atmospheric mercury emission control for coal-fired power plants in China. Journal of Environmental Sciences, 2015, 33, 125-134.	3.2	35
133	Environmental Justice Aspects of Exposure to PM_{2.5} Emissions from Electric Vehicle Use in China. Environmental Science & Technology, 2015, 49, 13912-13920.	4.6	47
134	Design Strategies for CeO₂â€“MoO₃ Catalysts for DeNO_x and Hg⁰ Oxidation in the Presence of HCl: The Significance of the Surface Acidâ€“Base Properties. Environmental Science & Technology, 2015, 49, 12388-12394.	4.6	81
135	Spatial distribution and accumulation of Hg in soil surrounding a Zn/Pb smelter. Science of the Total Environment, 2014, 496, 668-677.	3.9	26
136	Mercury enrichment and its effects on atmospheric emissions in cement plants of China. Atmospheric Environment, 2014, 92, 421-428.	1.9	48
137	Source apportionment of atmospheric mercury pollution in China using the GEOS-Chem model. Environmental Pollution, 2014, 190, 166-175.	3.7	78
138	A review of atmospheric mercury emissions, pollution and control in China. Frontiers of Environmental Science and Engineering, 2014, 8, 631-649.	3.3	111
139	Mercury concentrations in forest soils and stream waters in northeast and south China. Science of the Total Environment, 2014, 496, 714-720.	3.9	26
140	Impact of national NOx and SO2 control policies on particulate matter pollution in China. Atmospheric Environment, 2013, 77, 453-463.	1.9	199
141	Wet deposition of mercury at Lhasa, the capital city of Tibet. Science of the Total Environment, 2013, 447, 123-132.	3.9	61
142	Speciation of mercury in FGD gypsum and mercury emission during the wallboard production in China. Fuel, 2013, 111, 621-627.	3.4	52
143	Emission inventory of primary pollutants and chemical speciation in 2010 for the Yangtze River Delta region, China. Atmospheric Environment, 2013, 70, 39-50.	1.9	286
144	Measurements of mercury speciation and fine particle size distribution on combustion of China coal seams. Fuel, 2013, 104, 732-738.	3.4	23

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145	Update of mercury emissions from China's primary zinc, lead and copper smelters, 2000â€“2010. Atmospheric Chemistry and Physics, 2012, 12, 11153-11163.	1.9	80
146	Influence of Mercury and Chlorine Content of Coal on Mercury Emissions from Coal-Fired Power Plants in China. Environmental Science & Technology, 2012, 46, 6385-6392.	4.6	136
147	Were mercury emission factors for Chinese non-ferrous metal smelters overestimated? Evidence from onsite measurements in six smelters. Environmental Pollution, 2012, 171, 109-117.	3.7	60
148	Mitigation Potential of Mercury Emissions from Coal-Fired Power Plants in China. Energy & Fuels, 2012, 26, 4635-4642.	2.5	73
149	Air quality management in China: Issues, challenges, and options. Journal of Environmental Sciences, 2012, 24, 2-13.	3.2	462
150	Impact Assessment of Ammonia Emissions on Inorganic Aerosols in East China Using Response Surface Modeling Technique. Environmental Science & Technology, 2011, 45, 9293-9300.	4.6	222
151	Verification of anthropogenic emissions of China by satellite and ground observations. Atmospheric Environment, 2011, 45, 6347-6358.	1.9	124
152	Establishment of a database of emission factors for atmospheric pollutants from Chinese coal-fired power plants. Atmospheric Environment, 2010, 44, 1515-1523.	1.9	194
153	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, 722-730.	0.9	33
154	Primary air pollutant emissions of coal-fired power plants in China: Current status and future prediction. Atmospheric Environment, 2008, 42, 8442-8452.	1.9	409
155	Trends in Anthropogenic Mercury Emissions in China from 1995 to 2003. Environmental Science & Technology, 2006, 40, 5312-5318.	4.6	406
156	Source Apportionment of Speciated Mercury in Chinese Rice Grain Using a High-Resolution Model. ACS Environmental Au, 0, , .	3.3	3