

Guofeng Shen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

209 papers	6,925 citations	46 h-index	75 g-index
249 ext. papers	8,844 ext. citations	8.5 avg, IF	5.91 L-index

#	Paper	IF	Citations
209	Environmental effects of China's coal ban policy: Results from in situ observations and model analysis in a typical rural area of the Beijing-Tianjin-Hebei region, China. <i>Atmospheric Research</i> , 2022 , 268, 106015	5.4	0
208	High spatial resolved cropland coverage and cultivation category determine neonicotinoid distribution in agricultural soil at the provincial scale. <i>Journal of Hazardous Materials</i> , 2022 , 430, 128476	12.8	0
207	Emission and spatialized health risks for trace elements from domestic coal burning in China.. <i>Environment International</i> , 2022 , 158, 107001	12.9	2
206	A systematic review of household energy transition in low and middle income countries. <i>Energy Research and Social Science</i> , 2022 , 86, 102463	7.7	2
205	Revisiting the proportion of clean household energy users in rural China by accounting for energy stacking 2022 , 1, 100010		2
204	Household Air Pollution in Rural Area 2022 , 1-19		
203	Failure mode effect and criticality analysis of ultrasound device by classification tracking.. <i>BMC Health Services Research</i> , 2022 , 22, 429	2.9	1
202	Neglected biomass burning emissions of air pollutants in China-views from the corncob burning test, emission estimation, and simulations. <i>Atmospheric Environment</i> , 2022 , 278, 119082	5.3	2
201	Indoor exposure to selected flame retardants and quantifying importance of environmental, human behavioral and physiological parameters.. <i>Science of the Total Environment</i> , 2022 , 155422	10.2	
200	Attributed radiative forcing of air pollutants from biomass and fossil burning emissions.. <i>Environmental Pollution</i> , 2022 , 119378	9.3	2
199	Effects of environmental factors on the distribution of microbial communities across soils and lake sediments in the Hoh Xil Nature Reserve of the Qinghai-Tibetan Plateau. <i>Science of the Total Environment</i> , 2022 , 838, 156148	10.2	1
198	Investigating the relationship between mass concentration of particulate matter and reactive oxygen species based on residential coal combustion source tests. <i>Environmental Research</i> , 2022 , 212, 113499	7.9	
197	Urban residential energy switching in China between 1980 and 2014 prevents 2.2 million premature deaths. <i>One Earth</i> , 2021 , 4, 1602-1613	8.1	2
196	On-site measured emission factors of polycyclic aromatic hydrocarbons for different types of marine vessels.. <i>Environmental Pollution</i> , 2021 , 297, 118782	9.3	0
195	Synergistic Health Benefits of Household Stove Upgrading and Energy Switching in Rural China. <i>Environmental Science & Technology</i> , 2021 , 55, 14567-14575	10.3	6
194	Guiding Drug Through Interrupted Bloodstream for Potentiated Thrombolysis by C-Shaped Magnetic Actuation System In Vivo. <i>Advanced Materials</i> , 2021 , e2105351	24	7
193	Environmental Inequality Deepened During the COVID-19 in the Developing World. <i>Environmental Science & Technology</i> , 2021 , 55, 7-8	10.3	5

192	Spatially Resolved Emission Factors to Reduce Uncertainties in Air Pollutant Emission Estimates from the Residential Sector. <i>Environmental Science & Technology</i> , 2021 , 55, 4483-4493	10.3	7
191	Inhalation exposure to size-segregated fine particles and particulate PAHs for the population burning biomass fuels in the Eastern Tibetan Plateau area. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 211, 111959	7	6
190	PM2.5 reductions in Chinese cities from 2013 to 2019 remain significant despite the inflating effects of meteorological conditions. <i>One Earth</i> , 2021 , 4, 448-458	8.1	8
189	Intermediate Volatile Organic Compound Emissions from Residential Solid Fuel Combustion Based on Field Measurements in Rural China. <i>Environmental Science & Technology</i> , 2021 , 55, 5689-5700	10.3	11
188	Associations of Dietary Exposure to Organochlorine Pesticides from Plant-Origin Foods with Lipid Metabolism and Inflammation in Women: A Multiple Follow-up Study in North China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021 , 107, 289-295	2.7	2
187	Organochlorine Pesticide Ban Facilitated Reproductive Recovery of Chinese Striped Hamsters. <i>Environmental Science & Technology</i> , 2021 , 55, 6140-6149	10.3	5
186	Coal Is Dirty, but Where It Is Burned Especially Matters. <i>Environmental Science & Technology</i> , 2021 , 55, 7316-7326	10.3	6
185	Spatially explicit analysis identifies significant potential for bioenergy with carbon capture and storage in China. <i>Nature Communications</i> , 2021 , 12, 3159	17.4	14
184	Temporal and spatial variation of PM in indoor air monitored by low-cost sensors. <i>Science of the Total Environment</i> , 2021 , 770, 145304	10.2	19
183	Emissions of particulate PAHs from solid fuel combustion in indoor cookstoves. <i>Science of the Total Environment</i> , 2021 , 771, 145411	10.2	11
182	Updated Global Black Carbon Emissions from 1960 to 2017: Improvements, Trends, and Drivers. <i>Environmental Science & Technology</i> , 2021 , 55, 7869-7879	10.3	10
181	Combined analyses of hygroscopic properties of organic and inorganic components of three representative black carbon samples recovered from pyrolysis. <i>Science of the Total Environment</i> , 2021 , 771, 145393	10.2	0
180	Emission factors of environmentally persistent free radicals in PM from rural residential solid fuels combusted in a traditional stove. <i>Science of the Total Environment</i> , 2021 , 773, 145151	10.2	4
179	Universal Software Architecture of Magnetic Resonance-Guided Focused Ultrasound Surgery System and Experimental Study. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2021 , 26, 471	0.6	
178	A mechanistic study on removal efficiency of four antibiotics by animal and plant origin precursors-derived biochars. <i>Science of the Total Environment</i> , 2021 , 772, 145468	10.2	19
177	Mass Absorption Efficiency of Black Carbon from Residential Solid Fuel Combustion and Its Association with Carbonaceous Fractions. <i>Environmental Science & Technology</i> , 2021 , 55, 10662-10671	10.3	3
176	Source identification of particulate phosphorus in the atmosphere in Beijing. <i>Science of the Total Environment</i> , 2021 , 762, 143174	10.2	1
175	Potential interference on the lipid metabolisms by serum copper in a women population: A repeated measurement study. <i>Science of the Total Environment</i> , 2021 , 760, 143375	10.2	8

174	Application of TiO nanoparticles to reduce bioaccumulation of arsenic in rice seedlings (<i>Oryza sativa</i> L.): A mechanistic study. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124047	12.8	28
173	Stronger impacts of long-term relative to short-term exposure to carbon nanomaterials on soil bacterial communities. <i>Journal of Hazardous Materials</i> , 2021 , 410, 124550	12.8	4
172	Optically Measured Black and Particulate Brown Carbon Emission Factors from Real-World Residential Combustion Predominantly Affected by Fuel Differences. <i>Environmental Science & Technology</i> , 2021 , 55, 169-178	10.3	11
171	Individual and population level protection from particulate matter exposure by wearing facemasks. <i>Environment International</i> , 2021 , 146, 106026	12.9	5
170	Evaluating co-emissions into indoor and outdoor air of EC, OC, and BC from in-home biomass burning. <i>Atmospheric Research</i> , 2021 , 248, 105247	5.4	15
169	Increased air pollution exposure among the Chinese population during the national quarantine in 2020. <i>Nature Human Behaviour</i> , 2021 , 5, 239-246	12.8	16
168	Contribution of Temperature Increase to Restrain the Transmission of COVID-19. <i>Innovation(China)</i> , 2021 , 2, 100071	17.8	7
167	Impacts of Chinese spring festival on household PM pollution and blood pressure of rural residents. <i>Indoor Air</i> , 2021 , 31, 1072-1083	5.4	8
166	Direct and Inverse Reduced-Form Models for Reciprocal Calculation of BC Emissions and Atmospheric Concentrations. <i>Environmental Science & Technology</i> , 2021 , 55, 10300-10309	10.3	
165	Field-based evidence of changes in household PM _{2.5} and exposure during the 2020 national quarantine in China. <i>Environmental Research Letters</i> , 2021 , 16, 094020	6.2	2
164	Bioaccessibility and public health risk of heavy Metal(loid)s in the airborne particulate matter of four cities in northern China. <i>Chemosphere</i> , 2021 , 277, 130312	8.4	11
163	Deriving acoustic properties for perfluoropentane droplets with viscoelastic cellulose nanofiber shell via numerical simulations. <i>Journal of the Acoustical Society of America</i> , 2021 , 150, 1750	2.2	0
162	Proton resonance frequency-based thermometry for aqueous and adipose tissues. <i>Medical Physics</i> , 2021 , 48, 5651-5660	4.4	
161	Contributions of biomass burning to global and regional SO ₂ emissions. <i>Atmospheric Research</i> , 2021 , 260, 105709	5.4	7
160	Toward Clean Residential Energy: Challenges and Priorities in Research. <i>Environmental Science & Technology</i> , 2021 , 55, 13602-13613	10.3	1
159	Distribution and partitioning of pyrethroid insecticides in agricultural lands: Critical influencing factors. <i>Environment International</i> , 2021 , 156, 106736	12.9	1
158	Contributions of internal emissions to peaks and incremental indoor PM in rural coal use households. <i>Environmental Pollution</i> , 2021 , 288, 117753	9.3	6
157	Field-based measurements of major air pollutant emissions from typical porcelain kiln in China. <i>Environmental Pollution</i> , 2021 , 288, 117810	9.3	0

156	Substantial leakage into indoor air from on-site solid fuel combustion in chimney stoves. <i>Environmental Pollution</i> , 2021 , 291, 118138	9.3	6
155	A critical review of pollutant emission factors from fuel combustion in home stoves. <i>Environment International</i> , 2021 , 157, 106841	12.9	30
154	Early pregnancy loss: Do Per- and polyfluoroalkyl substances matter?. <i>Environment International</i> , 2021 , 157, 106837	12.9	1
153	Light absorption properties and absorption emission factors for indoor biomass burning. <i>Environmental Pollution</i> , 2020 , 267, 115652	9.3	7
152	Substantial Changes in Nitrogen Dioxide and Ozone after Excluding Meteorological Impacts during the COVID-19 Outbreak in Mainland China. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 402-408	11.1	81
151	Global Sulfur Dioxide Emissions and the Driving Forces. <i>Environmental Science & Technology</i> , 2020 , 54, 6508-6517	10.3	38
150	Household air pollution from cooking and heating and its impacts on blood pressure in residents living in rural cave dwellings in Loess Plateau of China. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 36677-36687	5.1	10
149	The moving of high emission for biomass burning in China: View from multi-year emission estimation and human-driven forces. <i>Environment International</i> , 2020 , 142, 105812	12.9	28
148	Improved PRF-based MR thermometry using k-space energy spectrum analysis. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 3325-3332	4.4	
147	External interference from ambient air pollution on using hair metal(loid)s for biomarker-based exposure assessment. <i>Environment International</i> , 2020 , 137, 105584	12.9	6
146	Fugitive Emissions of CO and PM2.5 from Indoor Biomass Burning in Chimney Stoves Based on a Newly Developed Carbon Balance Approach. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 128-134	11.1	30
145	Significant ultrafine particle emissions from residential solid fuel combustion. <i>Science of the Total Environment</i> , 2020 , 715, 136992	10.2	14
144	Space heating approaches in Chinese schools: Results from the first Chinese Environmental Exposure-Related Human Activity Patterns Survey-Children (CEERHAPS-C). <i>Energy for Sustainable Development</i> , 2020 , 56, 33-41	5.4	2
143	Sources of volatile organic compounds and policy implications for regional ozone pollution control in an urban location of Nanjing, East China. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 3905-3919	6.8	29
142	Variation of indoor and outdoor carbonaceous aerosols in rural homes with strong internal solid fuel combustion sources. <i>Atmospheric Pollution Research</i> , 2020 , 11, 992-999	4.5	8
141	Chemical composition, structures, and light absorption of N-containing aromatic compounds emitted from burning wood and charcoal in household cookstoves. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 14077-14090	6.8	5
140	Submicrometer PM1.0 Exposure from Household Burning of Solid Fuels. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 1-6	11	16
139	Missed atmospheric organic phosphorus emitted by terrestrial plants, part 2: Experiment of volatile phosphorus. <i>Environmental Pollution</i> , 2020 , 258, 113728	9.3	3

138	Association of solid fuel use with risk of stunting in children living in China. <i>Indoor Air</i> , 2020 , 30, 264-274	5.4	6
137	A novel model for regional indoor PM quantification with both external and internal contributions included. <i>Environment International</i> , 2020 , 145, 106124	12.9	10
136	PAHs emissions from residential biomass burning in real-world cooking stoves in rural China. <i>Environmental Pollution</i> , 2020 , 267, 115592	9.3	13
135	Quantifying source contributions for indoor CO and gas pollutants based on the highly resolved sensor data. <i>Environmental Pollution</i> , 2020 , 267, 115493	9.3	15
134	Composition and diversity of soil microbial communities in the alpine wetland and alpine forest ecosystems on the Tibetan Plateau. <i>Science of the Total Environment</i> , 2020 , 747, 141358	10.2	22
133	Residential solid fuel emissions contribute significantly to air pollution and associated health impacts in China. <i>Science Advances</i> , 2020 , 6,	14.3	73
132	Differentiated-Rate Clean Heating Strategy with Superior Environmental and Health Benefits in Northern China. <i>Environmental Science & Technology</i> , 2020 ,	10.3	7
131	PM-Associated Health Impacts of Beehive Coke Oven Ban in China. <i>Environmental Science & Technology</i> , 2019 , 53, 11337-11344	10.3	1
130	Indoor PM _{2.5} Profiling with a Novel Side-Scatter Indoor Lidar. <i>Environmental Science and Technology Letters</i> , 2019 , 6, 612-616	11	11
129	Characterization of carbon fractions in carbonaceous aerosols from typical fossil fuel combustion sources. <i>Fuel</i> , 2019 , 254, 115620	7.1	21
128	Ecological risk assessment of the increasing use of the neonicotinoid insecticides along the east coast of China. <i>Environment International</i> , 2019 , 127, 550-557	12.9	40
127	Multimedia modeling of the PAH concentration and distribution in the Yangtze River Delta and human health risk assessment. <i>Science of the Total Environment</i> , 2019 , 647, 962-972	10.2	33
126	Impacts of air pollutants from rural Chinese households under the rapid residential energy transition. <i>Nature Communications</i> , 2019 , 10, 3405	17.4	81
125	Maternal ambient air pollution exposure with spatial-temporal variations and preterm birth risk assessment during 2013-2017 in Zhejiang Province, China. <i>Environment International</i> , 2019 , 133, 105242	12.9	30
124	Resolution of the Ongoing Challenge of Estimating Nonpoint Source Neonicotinoid Pollution in the Yangtze River Basin Using a Modified Mass Balance Approach. <i>Environmental Science & Technology</i> , 2019 , 53, 2539-2548	10.3	56
123	Effects of International Fuel Trade on Global Sulfur Dioxide Emissions. <i>Environmental Science and Technology Letters</i> , 2019 , 6, 727-731	11	12
122	Improving regulations on residential emissions and non-criteria hazardous contaminants: Insights from a field campaign on ambient PM and PAHs in North China Plain. <i>Environmental Science and Policy</i> , 2019 , 92, 201-206	6.2	12
121	Uncertainties in thermal-optical measurements of black carbon: Insights from source and ambient samples. <i>Science of the Total Environment</i> , 2019 , 656, 239-249	10.2	8

120	Fluctuation in time-resolved PM from rural households with solid fuel-associated internal emission sources. <i>Environmental Pollution</i> , 2019 , 244, 304-313	9.3	21
119	Stacked Use and Transition Trends of Rural Household Energy in Mainland China. <i>Environmental Science & Technology</i> , 2019 , 53, 521-529	10.3	56
118	Substantial reductions in ambient PAHs pollution and lives saved as a co-benefit of effective long-term PM pollution controls. <i>Environment International</i> , 2018 , 114, 266-279	12.9	39
117	Impacts of rural worker migration on ambient air quality and health in China: From the perspective of upgrading residential energy consumption. <i>Environment International</i> , 2018 , 113, 290-299	12.9	16
116	Evaluating the Performance of Household Liquefied Petroleum Gas Cookstoves. <i>Environmental Science & Technology</i> , 2018 , 52, 904-915	10.3	64
115	Light absorption of organic carbon emitted from burning wood, charcoal, and kerosene in household cookstoves. <i>Environmental Pollution</i> , 2018 , 240, 60-67	9.3	26
114	Household air pollution and personal exposure to air pollutants in rural China - A review. <i>Environmental Pollution</i> , 2018 , 237, 625-638	9.3	87
113	Air pollution and inhalation exposure to particulate matter of different sizes in rural households using improved stoves in central China. <i>Journal of Environmental Sciences</i> , 2018 , 63, 87-95	6.4	24
112	Wintertime air pollution and health risk assessment of inhalation exposure to polycyclic aromatic hydrocarbons in rural China. <i>Atmospheric Environment</i> , 2018 , 191, 1-8	5.3	34
111	Field-based emission measurements of biomass burning in typical Chinese built-in-place stoves. <i>Environmental Pollution</i> , 2018 , 242, 1587-1597	9.3	37
110	Emission factors of organic carbon and elemental carbon for residential coal and biomass fuels in China- A new database for 39 fuel-stove combinations. <i>Atmospheric Environment</i> , 2018 , 190, 241-248	5.3	34
109	Distinguishing Emission-Associated Ambient Air PM Concentrations and Meteorological Factor-Induced Fluctuations. <i>Environmental Science & Technology</i> , 2018 , 52, 10416-10425	10.3	30
108	Winter air pollution by and inhalation exposure to nitrated and oxygenated PAHs in rural Shanxi, north China. <i>Atmospheric Environment</i> , 2018 , 187, 210-217	5.3	16
107	Ambient air pollution of particles and gas pollutants, and the predicted health risks from long-term exposure to PM in Zhejiang province, China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 23833-23844	5.1	10
106	Residential Coal Combustion as a Source of Levoglucosan in China. <i>Environmental Science & Technology</i> , 2018 , 52, 1665-1674	10.3	51
105	Characteristics and Source Apportionment of Summertime Volatile Organic Compounds in a Fast Developing City in the Yangtze River Delta, China. <i>Atmosphere</i> , 2018 , 9, 373	2.7	10
104	Fuel Use Trends for Boiling Water in Rural China (1992-2012) and Environmental Health Implications: A National Cross-Sectional Study. <i>Environmental Science & Technology</i> , 2018 , 52, 12886-12894	10.3	10
103	Comparison of Reactive Gaseous Mercury Collection by Different Sampling Methods in a Laboratory Test and Field Monitoring. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 600-607	11	9

102	Quantifying the rural residential energy transition in China from 1992 to 2012 through a representative national survey. <i>Nature Energy</i> , 2018 , 3, 567-573	62.3	147
101	Estimating household air pollution exposures and health impacts from space heating in rural China. <i>Environment International</i> , 2018 , 119, 117-124	12.9	63
100	Household air pollution and personal exposure to nitrated and oxygenated polycyclic aromatics (PAHs) in rural households: Influence of household cooking energies. <i>Indoor Air</i> , 2017 , 27, 169-178	5.4	33
99	Stack and fugitive emissions of major air pollutants from typical brick kilns in China. <i>Environmental Pollution</i> , 2017 , 224, 421-429	9.3	15
98	Polycyclic Aromatic Hydrocarbons in Fine Particulate Matter Emitted from Burning Kerosene, Liquid Petroleum Gas, and Wood Fuels in Household Cookstoves. <i>Energy & Fuels</i> , 2017 , 31, 3081-3090	4.1	31
97	A Laboratory Comparison of Emission Factors, Number Size Distributions, and Morphology of Ultrafine Particles from 11 Different Household Cookstove-Fuel Systems. <i>Environmental Science & Technology</i> , 2017 , 51, 6522-6532	10.3	47
96	Mutagenicity of particle emissions from solid fuel cookstoves: A literature review and research perspective. <i>Environmental Research</i> , 2017 , 156, 761-769	7.9	12
95	Estimating relative contributions of primary and secondary sources of ambient nitrated and oxygenated polycyclic aromatic hydrocarbons. <i>Atmospheric Environment</i> , 2017 , 159, 126-134	5.3	34
94	Source-oriented risk assessment of inhalation exposure to ambient polycyclic aromatic hydrocarbons and contributions of non-priority isomers in urban Nanjing, a megacity located in Yangtze River Delta, China. <i>Environmental Pollution</i> , 2017 , 224, 796-809	9.3	35
93	Occurrence and geographic distribution of polycyclic aromatic hydrocarbons in agricultural soils in eastern China. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 12168-12175	5.1	27
92	Household air pollution and personal inhalation exposure to particles (TSP/PM/PM/PM) in rural Shanxi, North China. <i>Environmental Pollution</i> , 2017 , 231, 635-643	9.3	40
91	Wintertime pollution level, size distribution and personal daily exposure to particulate matters in the northern and southern rural Chinese homes and variation in different household fuels. <i>Environmental Pollution</i> , 2017 , 231, 497-508	9.3	35
90	Comparison of air pollutant emissions and household air quality in rural homes using improved wood and coal stoves. <i>Atmospheric Environment</i> , 2017 , 166, 215-223	5.3	41
89	Urban air pollution and health risks of parent and nitrated polycyclic aromatic hydrocarbons in two megacities, southwest China. <i>Atmospheric Environment</i> , 2017 , 166, 441-453	5.3	17
88	Ambient Particles (PM10, PM2.5 and PM1.0) and PM2.5 Chemical Components in Western Yangtze River Delta (YRD): An Overview of Data from 1-year Online Continuous Monitoring at Nanjing. <i>Aerosol Science and Engineering</i> , 2017 , 1, 107-118	1.6	4
87	The Impacts of Emission Control and Regional Transport on PM2.5 Ions and Carbon Components in Nanjing during the 2014 Nanjing Youth Olympic Games. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 730-740	4.6	11
86	Household air pollution and personal exposure risk of polycyclic aromatic hydrocarbons among rural residents in Shanxi, China. <i>Indoor Air</i> , 2016 , 26, 246-58	5.4	62
85	Exposure and size distribution of nitrated and oxygenated polycyclic aromatic hydrocarbons among the population using different household fuels. <i>Environmental Pollution</i> , 2016 , 216, 935-942	9.3	26

84	Inhalation exposure and risk of polycyclic aromatic hydrocarbons (PAHs) among the rural population adopting wood gasifier stoves compared to different fuel-stove users. <i>Atmospheric Environment</i> , 2016 , 147, 485-491	5.3	22
83	Household concentrations and personal exposure of PM _{2.5} among urban residents using different cooking fuels. <i>Science of the Total Environment</i> , 2016 , 548-549, 6-12	10.2	58
82	Changes from traditional solid fuels to clean household energies [Opportunities in emission reduction of primary PM _{2.5} from residential cookstoves in China. <i>Biomass and Bioenergy</i> , 2016 , 86, 28-35	5.3	33
81	Dietary intake polycyclic aromatic hydrocarbons (PAHs) and associated cancer risk in a cohort of Chinese urban adults: Inter- and intra-individual variability. <i>Chemosphere</i> , 2016 , 144, 2469-75	8.4	43
80	Field measurement and estimate of gaseous and particle pollutant emissions from cooking and space heating processes in rural households, northern China. <i>Atmospheric Environment</i> , 2016 , 125, 265-274	5.3	75
79	Efficiencies and pollutant emissions from forced-draft biomass-pellet semi-gasifier stoves: Comparison of International and Chinese water boiling test protocols. <i>Energy for Sustainable Development</i> , 2016 , 32, 22-30	5.4	45
78	The gas/particle partitioning of nitro- and oxy-polycyclic aromatic hydrocarbons in the atmosphere of northern China. <i>Atmospheric Research</i> , 2016 , 172-173, 66-73	5.4	24
77	Measurement of human CYP1A2 induction by inhalation exposure to benzo(a)pyrene based on in vivo isotope breath method. <i>Environmental Pollution</i> , 2016 , 208, 506-11	9.3	2
76	Human bronchial epithelial cell injuries induced by fine particulate matter from sandstorm and non-sandstorm periods: Association with particle constituents. <i>Journal of Environmental Sciences</i> , 2016 , 47, 201-210	6.4	18
75	Feasibility of an electromagnetic compatibility method for MRgFUS using a wire mesh screen. <i>Ultrasonics</i> , 2016 , 72, 15-23	3.5	2
74	Properties and cellular effects of particulate matter from direct emissions and ambient sources. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016 , 51, 1075-83	2.3	21
73	Factors influencing the adoption and sustainable use of clean fuels and cookstoves in China -a Chinese literature review. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 51, 741-750	16.2	49
72	Quantification of emission reduction potentials of primary air pollutants from residential solid fuel combustion by adopting cleaner fuels in China. <i>Journal of Environmental Sciences</i> , 2015 , 37, 1-7	6.4	33
71	Impact of humic acid coating on sorption of naphthalene by biochars. <i>Carbon</i> , 2015 , 94, 946-954	10.4	27
70	Pollutant emissions from improved coal- and wood-fuelled cookstoves in rural households. <i>Environmental Science & Technology</i> , 2015 , 49, 6590-8	10.3	98
69	Direct Energy Consumption Associated Emissions by Rural-to-Urban Migrants in Beijing. <i>Environmental Science & Technology</i> , 2015 , 49, 13708-15	10.3	42
68	Concentrations and origins of nitro-polycyclic aromatic hydrocarbons and oxy-polycyclic aromatic hydrocarbons in ambient air in urban and rural areas in northern China. <i>Environmental Pollution</i> , 2015 , 197, 156-164	9.3	75
67	A radiation emission shielding method for high intensity focus ultrasound probes. <i>Bio-Medical Materials and Engineering</i> , 2015 , 26 Suppl 1, S959-66	1	

66	Global organic carbon emissions from primary sources from 1960 to 2009. <i>Atmospheric Environment</i> , 2015 , 122, 505-512	5.3	41
65	The efficacy and hyperthermic release of doxorubicin from liposomal doxorubicin hydrochloride in rabbit VX2 tumours. <i>International Journal of Hyperthermia</i> , 2015 , 31, 900-8	3.7	1
64	Characteristics of polycyclic aromatic hydrocarbons in agricultural soils at a typical coke production base in Shanxi, China. <i>Chemosphere</i> , 2015 , 127, 64-9	8.4	58
63	Seasonal variation of urban carbonaceous aerosols in a typical city Nanjing in Yangtze River Delta, China. <i>Atmospheric Environment</i> , 2015 , 106, 223-231	5.3	75
62	Emission Factors of Carbonaceous Particulate Matter and Polycyclic Aromatic Hydrocarbons from Residential Solid Fuel Combustions. <i>Springer Theses</i> , 2014 ,	0.1	1
61	Freeze drying reduces the extractability of organochlorine pesticides in fish muscle tissue by microwave-assisted method. <i>Environmental Pollution</i> , 2014 , 191, 250-2	9.3	8
60	Household fuel use for cooking and heating in China: Results from the first Chinese Environmental Exposure-Related Human Activity Patterns Survey (CEERHAPS). <i>Applied Energy</i> , 2014 , 136, 692-703	10.7	159
59	Ambient levels and temporal variations of PM _{2.5} and PM ₁₀ at a residential site in the mega-city, Nanjing, in the western Yangtze River Delta, China. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014 , 49, 171-8	2.3	57
58	Trend in global black carbon emissions from 1960 to 2007. <i>Environmental Science & Technology</i> , 2014 , 48, 6780-7	10.3	85
57	Comparison of Carbon Monoxide and Particulate Matter Emissions from Residential Burnings of Pelletized Biofuels and Traditional Solid Fuels. <i>Energy & Fuels</i> , 2014 , 28, 3933-3939	4.1	25
56	Dietary and inhalation exposure to polycyclic aromatic hydrocarbons and urinary excretion of monohydroxy metabolites--a controlled case study in Beijing, China. <i>Environmental Pollution</i> , 2014 , 184, 515-22	9.3	53
55	Comparison of carbonaceous particulate matter emission factors among different solid fuels burned in residential stoves. <i>Atmospheric Environment</i> , 2014 , 89, 337-345	5.3	70
54	Contamination and distribution of parent, nitrated, and oxygenated polycyclic aromatic hydrocarbons in smoked meat. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11521-30	5.1	29
53	Indoor/outdoor pollution level and personal inhalation exposure of polycyclic aromatic hydrocarbons through biomass fuelled cooking. <i>Air Quality, Atmosphere and Health</i> , 2014 , 7, 449-458	5.6	34
52	Chemical compositions and reconstructed light extinction coefficients of particulate matter in a mega-city in the western Yangtze River Delta, China. <i>Atmospheric Environment</i> , 2014 , 83, 14-20	5.3	68
51	Can Coronene and/or Benzo(a)pyrene/Coronene ratio act as unique markers for vehicle emission?. <i>Environmental Pollution</i> , 2014 , 184, 650-3	9.3	8
50	Atmospheric polycyclic aromatic hydrocarbons in rural and urban areas of northern China. <i>Environmental Pollution</i> , 2014 , 192, 83-90	9.3	65
49	Emission and Size Distribution of Particle-bound Polycyclic Aromatic Hydrocarbons from Residential Wood Combustion. <i>Biomass and Bioenergy</i> , 2014 , 55, 141-147	5.3	44

48	Personal inhalation exposure to polycyclic aromatic hydrocarbons in urban and rural residents in a typical northern city in China. <i>Indoor Air</i> , 2014 , 24, 464-73	5.4	32
47	Exposure to ambient black carbon derived from a unique inventory and high-resolution model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2459-63	11.5	122
46	Field measurement on the emissions of PM, OC, EC and PAHs from indoor crop straw burning in rural China. <i>Environmental Pollution</i> , 2014 , 184, 18-24	9.3	70
45	Parent Polycyclic Aromatic Hydrocarbons. <i>Springer Theses</i> , 2014 , 85-137	0.1	
44	Biomass Pellet. <i>Springer Theses</i> , 2014 , 177-191	0.1	
43	Nitro- and Oxygenated PAHs. <i>Springer Theses</i> , 2014 , 139-161	0.1	
42	Research Background. <i>Springer Theses</i> , 2014 , 11-43	0.1	
41	Carbonaceous Particulate Matter. <i>Springer Theses</i> , 2014 , 61-84	0.1	
40	Mass absorption efficiency of elemental carbon for source samples from residential biomass and coal combustions. <i>Atmospheric Environment</i> , 2013 , 79, 79-84	5.3	28
39	Properties and inflammatory effects of various size fractions of ambient particulate matter from Beijing on A549 and J774A.1 cells. <i>Environmental Science & Technology</i> , 2013 , 47, 10583-90	10.3	13
38	Hexachlorocyclohexanes (HCHs) in placenta and umbilical cord blood and dietary intake for women in Beijing, China. <i>Environmental Pollution</i> , 2013 , 179, 75-80	9.3	9
37	Influence of fuel mass load, oxygen supply and burning rate on emission factor and size distribution of carbonaceous particulate matter from indoor corn straw burning. <i>Journal of Environmental Sciences</i> , 2013 , 25, 511-9	6.4	27
36	Temporal and spatial trends of residential energy consumption and air pollutant emissions in China. <i>Applied Energy</i> , 2013 , 106, 17-24	10.7	67
35	Emissions of parent, nitrated, and oxygenated polycyclic aromatic hydrocarbons from indoor corn straw burning in normal and controlled combustion conditions. <i>Journal of Environmental Sciences</i> , 2013 , 25, 2072-80	6.4	22
34	Influence of fuel moisture, charge size, feeding rate and air ventilation conditions on the emissions of PM, OC, EC, parent PAHs, and their derivatives from residential wood combustion. <i>Journal of Environmental Sciences</i> , 2013 , 25, 1808-16	6.4	68
33	Field measurement of emission factors of PM, EC, OC, parent, nitro-, and oxy- polycyclic aromatic hydrocarbons for residential briquette, coal cake, and wood in rural Shanxi, China. <i>Environmental Science & Technology</i> , 2013 , 47, 2998-3005	10.3	160
32	Global atmospheric emissions of polycyclic aromatic hydrocarbons from 1960 to 2008 and future predictions. <i>Environmental Science & Technology</i> , 2013 , 47, 6415-24	10.3	499
31	Emission characteristics for polycyclic aromatic hydrocarbons from solid fuels burned in domestic stoves in rural China. <i>Environmental Science & Technology</i> , 2013 , 47, 14485-94	10.3	94

30	High-resolution mapping of combustion processes and implications for CO ₂ emissions. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 5189-5203	6.8	131
29	Occurrence and exposure to polycyclic aromatic hydrocarbons and their derivatives in a rural Chinese home through biomass fuelled cooking. <i>Environmental Pollution</i> , 2012 , 169, 160-6	9.3	122
28	Emissions of carbon monoxide and carbon dioxide from uncompressed and pelletized biomass fuel burning in typical household stoves in China. <i>Atmospheric Environment</i> , 2012 , 56, 136-142	5.3	30
27	Carbonaceous Particulate Matter Air Pollution and Human Exposure from Indoor Biomass Burning Practices. <i>Environmental Engineering Science</i> , 2012 , 29, 1038-1045	2	21
26	Global emission of black carbon from motor vehicles from 1960 to 2006. <i>Environmental Science & Technology</i> , 2012 , 46, 1278-84	10.3	35
25	Emission factors, size distributions, and emission inventories of carbonaceous particulate matter from residential wood combustion in rural China. <i>Environmental Science & Technology</i> , 2012 , 46, 4207-14	10.3	110
24	Black carbon emissions in China from 1949 to 2050. <i>Environmental Science & Technology</i> , 2012 , 46, 7595-603	10.3	201
23	Short Communication: Emission of Oxygenated Polycyclic Aromatic Hydrocarbons from Biomass Pellet Burning in a Modern Burner for Cooking in China. <i>Atmospheric Environment</i> , 2012 , 60, 234-237	5.3	37
22	Summer atmospheric polybrominated diphenyl ethers in urban and rural areas of northern China. <i>Environmental Pollution</i> , 2012 , 171, 234-40	9.3	33
21	Emissions of parent, nitro, and oxygenated polycyclic aromatic hydrocarbons from residential wood combustion in rural China. <i>Environmental Science & Technology</i> , 2012 , 46, 8123-30	10.3	136
20	Reductions in emissions of carbonaceous particulate matter and polycyclic aromatic hydrocarbons from combustion of biomass pellets in comparison with raw fuel burning. <i>Environmental Science & Technology</i> , 2012 , 46, 6409-16	10.3	81
19	Retene emission from residential solid fuels in China and evaluation of retene as a unique marker for soft wood combustion. <i>Environmental Science & Technology</i> , 2012 , 46, 4666-72	10.3	59
18	Effects of different parameters in the fast scanning method for HIFU treatment. <i>Medical Physics</i> , 2012 , 39, 5795-813	4.4	2
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16	Emissions of PAHs from indoor crop residue burning in a typical rural stove: emission factors, size distributions, and gas-particle partitioning. <i>Environmental Science & Technology</i> , 2011 , 45, 1206-12	10.3	174
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13	A passive air sampler for characterizing the vertical concentration profile of gaseous phase polycyclic aromatic hydrocarbons in near soil surface air. <i>Environmental Pollution</i> , 2011 , 159, 694-9	9.3	26

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