Steven Sai Hang Ho

List of Publications by Citations

149 papers	4,622 citations	40 h-index	61 g-index
165 ext. papers	5,602 ext. citations	6.2 avg, IF	5.5 L-index

#	Paper	IF	Citations
149	The chemical composition of inorganic and carbonaceous materials in PM2.5 in Nanjing, China. *Atmospheric Environment*, **2005**, 39, 3735-3749	5.3	220
148	Removal of Indoor Volatile Organic Compounds via Photocatalytic Oxidation: A Short Review and Prospect. *Molecules*, **2016**, 21, 56	4.8	168
147	Characteristics and health impacts of VOCs and carbonyls associated with residential cooking activities in Hong Kong. *Journal of Hazardous Materials*, **2011**, 186, 344-51	12.8	148
146	In-injection port thermal desorption and subsequent gas chromatography-mass spectrometric analysis of polycyclic aromatic hydrocarbons and n-alkanes in atmospheric aerosol samples. *Journal of Chromatography A*, **2004**, 1059, 121-9	4.5	118
145	Emissions of gas- and particle-phase polycyclic aromatic hydrocarbons (PAHs) in the Shing Mun Tunnel, Hong Kong. *Atmospheric Environment*, **2009**, 43, 6343-6351	5.3	115
144	Vehicular emission of volatile organic compounds (VOCs) from a tunnel study in Hong Kong. *Atmospheric Chemistry and Physics*, **2009**, 9, 7491-7504	6.8	113
143	The application of thermal methods for determining chemical composition of carbonaceous aerosols: a review. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2007**, 42, 1521-41	2.3	113
142	Determination of airborne carbonyls: comparison of a thermal desorption/GC method with the standard DNPH/HPLC method. *Environmental Science & Technology*, **2004**, 38, 862-70	10.3	108
141	Evaluation of an in-injection port thermal desorption-gas chromatography/mass spectrometry method for analysis of non-polar organic compounds in ambient aerosol samples. *Journal of Chromatography A*, **2008**, 1200, 217-27	4.5	107
140	Characteristics and sources of carbonaceous aerosols from Shanghai, China. *Atmospheric Chemistry and Physics*, **2013**, 13, 803-817	6.8	102
139	Summer and winter variations of dicarboxylic acids, fatty acids and benzoic acid in PM_{2.5} in Pearl Delta River Region, China. *Atmospheric Chemistry and Physics*, **2011**, 11, 2197-2208	6.8	85
138	Feasibility of collection and analysis of airborne carbonyls by on-sorbent derivatization and thermal desorption. *Analytical Chemistry*, **2002**, 74, 1232-40	7.8	85
137	Atmospheric levels and cytotoxicity of polycyclic aromatic hydrocarbons and oxygenated-PAHs in PM in the Beijing-Tianjin-Hebei region. *Environmental Pollution*, **2017**, 231, 1075-1084	9.3	83
136	Characterizations of volatile organic compounds (VOCs) from vehicular emissions at roadside environment: The first comprehensive study in Northwestern China. *Atmospheric Environment*, **2017**, 161, 1-12	5.3	79
135	Dicarboxylic acids, ketocarboxylic acids, □dicarbonyls, fatty acids, and benzoic acid in urban aerosols collected during the 2006 Campaign of Air Quality Research in Beijing (CAREBeijing-2006). *Journal of Geophysical Research*, **2010**, 115,		77
134	Advances in integrated and continuous measurements for particle mass and chemical composition. *Journal of the Air and Waste Management Association*, **2008**, 58, 141-63	2.4	74
133	Characterization of PM2.5 in Guangzhou, China: uses of organic markers for supporting source apportionment. *Science of the Total Environment*, **2016**, 550, 961-971	10.2	70

132	Carbonyl emissions from commercial cooking sources in Hong Kong. *Journal of the Air and Waste Management Association*, **2006**, 56, 1091-8	2.4	69
131	PM-bound polycyclic aromatic hydrocarbons (PAHs) in Beijing: Seasonal variations, sources, and risk assessment. *Journal of Environmental Sciences*, **2019**, 77, 11-19	6.4	68
130	Characterization of VOCs and their related atmospheric processes in a central Chinese city during severe ozone pollution periods. *Atmospheric Chemistry and Physics*, **2019**, 19, 617-638	6.8	67
129	Characteristics of carbonaceous aerosol in PM2.5: Pearl Delta River Region, China. *Atmospheric Research*, **2012**, 104-105, 227-236	5.4	66
128	Characteristics of PM2.5 emitted from different cooking activities in China. *Atmospheric Research*, **2015**, 166, 83-91	5.4	60
127	Precautions for in-injection port thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) as applied to aerosol filter samples. *Atmospheric Environment*, **2011**, 45, 1491-1496	5.3	57
126	Chemical composition and bioreactivity of PM2.5 during 2013 haze events in China. *Atmospheric Environment*, **2016**, 126, 162-170	5.3	53
125	Characteristics of fine particulate non-polar organic compounds in Guangzhou during the 16th Asian Games: Effectiveness of air pollution controls. *Atmospheric Environment*, **2013**, 76, 94-101	5.3	53
124	Concentrations of formaldehyde and other carbonyls in environments affected by incense burning. *Journal of Environmental Monitoring*, **2002**, 4, 728-33		53
123	Dicarboxylic acids, ketocarboxylic acids, □dicarbonyls, fatty acids and benzoic acid in PM_{2.5} aerosol collected during CAREBeijing-2007: an effect of traffic restriction on air quality. *Atmospheric Chemistry and Physics*, **2015**, 15, 3111-3123	6.8	52
122	Seasonal variations of anhydrosugars in PM2.5 in the Pearl River Delta Region, China. *Tellus, Series B: Chemical and Physical Meteorology*, **2014**, 66, 22577	3.3	52
121	Characterization and seasonal variations of levoglucosan in fine particulate matter in Xi'an, China. *Journal of the Air and Waste Management Association*, **2014**, 64, 1317-27	2.4	51
120	Real-world emission factors of fifteen carbonyl compounds measured in a Hong Kong tunnel. *Atmospheric Environment*, **2007**, 41, 1747-1758	5.3	51
119	Characteristics and major sources of carbonaceous aerosols in PM2.5 from Sanya, China. *Science of the Total Environment*, **2015**, 530-531, 110-119	10.2	50
118	Microscale spatial distribution and health assessment of PM-bound polycyclic aromatic hydrocarbons (PAHs) at nine communities in Xi'an, China. *Environmental Pollution*, **2016**, 218, 1065-1073	9.3	49
117	Unsuitability of using the DNPH-coated solid sorbent cartridge for determination of airborne unsaturated carbonyls. *Atmospheric Environment*, **2011**, 45, 261-265	5.3	49
116	PM2.5 from the Guanzhong Plain: Chemical composition and implications for emission reductions. *Atmospheric Environment*, **2016**, 147, 458-469	5.3	49
115	Characteristics of water-soluble organic nitrogen in fine particulate matter in the continental area of China. *Atmospheric Environment*, **2015**, 106, 252-261	5.3	46

114	Characterization of volatile organic compounds at a roadside environment in Hong Kong: An investigation of influences after air pollution control strategies. *Atmospheric Environment*, **2015**, 122, 809-818	5.3	45
113	Diurnal and seasonal trends of carbonyl compounds in roadside, urban, and suburban environment of Hong Kong. *Atmospheric Environment*, **2014**, 89, 43-51	5.3	45
112	Air pollution effects on fetal and child development: a cohort comparison in China. *Environmental Pollution*, **2014**, 185, 90-6	9.3	43
111	Seasonal and diurnal variations of mono- and di-carbonyls in Xi'an, China. *Atmospheric Research*, **2012**, 113, 102-112	5.4	42
110	Gaseous and particulate polycyclic aromatic hydrocarbons (PAHs) emissions from commercial restaurants in Hong Kong. *Journal of Environmental Monitoring*, **2007**, 9, 1402-9		41
109	Seasonal behavior of carbonyls and source characterization of formaldehyde (HCHO) in ambient air. *Atmospheric Environment*, **2017**, 152, 51-60	5.3	40
108	Personal exposure to fine particles (PM) and respiratory inflammation of common residents in Hong Kong. *Environmental Research*, **2018**, 164, 24-31	7.9	40
107	Characterization of parent and oxygenated-polycyclic aromatic hydrocarbons (PAHs) in Xi'an, China during heating period: An investigation of spatial distribution and transformation. *Chemosphere*, **2016**, 159, 367-377	8.4	40
106	Exposure to PM2.5 and PAHs from the Tong Liang, China epidemiological study. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2006**, 41, 517-42	2.3	39
105	Characterization of chemical components and bioreactivity of fine particulate matter (PM2.5) during incense burning. *Environmental Pollution*, **2016**, 213, 524-532	9.3	38
104	Characterization of PM2.5 source profiles from typical biomass burning of maize straw, wheat straw, wood branch, and their processed products (briquette and charcoal) in China. *Atmospheric Environment*, **2019**, 205, 36-45	5.3	37
103	Concentrations, sources and health effects of parent, oxygenated- and nitrated- polycyclic aromatic hydrocarbons (PAHs) in middle-school air in Xi'an, China. *Atmospheric Research*, **2017**, 192, 1-10	5.4	35
102	Decrease of VOC emissions from vehicular emissions in Hong Kong from 2003 to 2015: Results from a tunnel study. *Atmospheric Environment*, **2018**, 177, 64-74	5.3	35
101	Carbonyl emissions from vehicular exhausts sources in Hong Kong. *Journal of the Air and Waste Management Association*, **2012**, 62, 221-34	2.4	31
100	Characteristics of polycyclic aromatic hydrocarbons in PM emitted from different cooking activities in China. *Environmental Science and Pollution Research*, **2018**, 25, 4750-4760	5.1	31
99	Concentrations, particle-size distributions, and indoor/outdoor differences of polycyclic aromatic hydrocarbons (PAHs) in a middle school classroom in Xi'an, China. *Environmental Geochemistry and Health*, **2015**, 37, 861-73	4.7	30
98	Source apportionment of VOCs and their impacts on surface ozone in an industry city of Baoji, Northwestern China. *Scientific Reports*, **2017**, 7, 9979	4.9	30
97	Seasonal variation, spatial distribution and source apportionment for polycyclic aromatic hydrocarbons (PAHs) at nineteen communities in Xi'an, China: The effects of suburban scattered emissions in winter. *Environmental Pollution*, **2017**, 231, 1330-1343	9.3	28

96	Wintertime Optical Properties of Primary and Secondary Brown Carbon at a Regional Site in the North China Plain. *Environmental Science & Technology*, **2019**, 53, 12389-12397	10.3	27
95	Evaluation and characterization of volatile air toxics indoors in a heavy polluted city of northwestern China in wintertime. *Science of the Total Environment*, **2019**, 662, 470-480	10.2	27
94	Seasonal variations of monocarbonyl and dicarbonyl in urban and sub-urban sites of Xi'an, China. *Environmental Monitoring and Assessment*, **2014**, 186, 2835-49	3.1	26
93	Physical parameters effect on ozone-initiated formation of indoor secondary organic aerosols with emissions from cleaning products. *Journal of Hazardous Materials*, **2011**, 192, 1787-94	12.8	26
92	Effect of ammonia on ozone-initiated formation of indoor secondary products with emissions from cleaning products. *Atmospheric Environment*, **2012**, 59, 224-231	5.3	25
91	Spatiotemporal distribution of carbonyl compounds in China. *Environmental Pollution*, **2015**, 197, 316-324	9.3	25
90	Reconstruction of atmospheric soot history in inland regions from lake sediments over the past 150 years. *Scientific Reports*, **2016**, 6, 19151	4.9	25
89	Influences of relative humidities and temperatures on the collection of C2-C5 aliphatic hydrocarbons with multi-bed (Tenax TA, Carbograph 1TD, Carboxen 1003) sorbent tube method. *Atmospheric Environment*, **2017**, 151, 45-51	5.3	23
88	Characterization and health risk assessment of airborne pollutants in commercial restaurants in northwestern China: Under a low ventilation condition in wintertime. *Science of the Total Environment*, **2018**, 633, 308-316	10.2	23
87	Chemical characteristics and source apportionment of fine particulate organic carbon in Hong Kong during high particulate matter episodes in winter 2003. *Atmospheric Research*, **2013**, 120-121, 88-98	5.4	23
86	Chemical characteristics of rainwater in Sichuan basin, a case study of Ya'an. *Environmental Science and Pollution Research*, **2016**, 23, 13088-99	5.1	22
85	Chemical characteristics of PM2.5 and organic aerosol source analysis during cold front episodes in Hong Kong, China. *Atmospheric Research*, **2012**, 118, 41-51	5.4	22
84	An Environmental Chamber Study of the Characteristics of Air Pollutants Released from Environmental Tobacco Smoke. *Aerosol and Air Quality Research*, **2012**, 12, 1269-1281	4.6	22
83	A 10-year observation of PM-bound nickel in Xi'an, China: Effects of source control on its trend and associated health risks. *Scientific Reports*, **2017**, 7, 41132	4.9	21
82	Personal exposure to PM-bound organic species from domestic solid fuel combustion in rural Guanzhong Basin, China: Characteristics and health implication. *Chemosphere*, **2019**, 227, 53-62	8.4	20
81	Non-polar organic compounds in marine aerosols over the northern South China Sea: Influence of continental outflow. *Chemosphere*, **2016**, 153, 332-9	8.4	20
80	Characterization of polycyclic aromatic hydrocarbon (PAHs) source profiles in urban PM fugitive dust: A large-scale study for 20 Chinese cites. *Science of the Total Environment*, **2019**, 687, 188-197	10.2	19
79	Indoor air pollutant exposure and determinant factors controlling household air quality for elderly people in Hong Kong. *Air Quality, Atmosphere and Health*, **2018**, 11, 695-704	5.6	19

78	Characterization of biogenic volatile organic compounds (BVOCs) in cleaning reagents and air fresheners in Hong Kong. *Atmospheric Environment*, **2011**, 45, 6191-6196	5.3	19
77	Nonpolar organic compounds in fine particles: quantification by thermal desorption-GC/MS and evidence for their significant oxidation in ambient aerosols in Hong Kong. *Analytical and Bioanalytical Chemistry*, **2011**, 401, 3125-39	4.4	19
76	Volatile Organic Compounds in Roadside Environment of Hong Kong. *Aerosol and Air Quality Research*, **2013**, 13, 1331-1347	4.6	19
75	Parent, alkylated, oxygenated and nitrated polycyclic aromatic hydrocarbons in PM emitted from residential biomass burning and coal combustion: A novel database of 14 heating scenarios. *Environmental Pollution*, **2021**, 268, 115881	9.3	19
74	Indoor secondary organic aerosols formation from ozonolysis of monoterpene: An example of d-limonene with ammonia and potential impacts on pulmonary inflammations. *Science of the Total Environment*, **2017**, 579, 212-220	10.2	18
73	Differentiation of coloured inks of inkjet printer cartridges by thin layer chromatography and high performance liquid chromatography. *Science and Justice - Journal of the Forensic Science Society*, **2005**, 45, 187-94	2	18
72	Chemical and toxicological characterization of particulate emissions from diesel vehicles. *Journal of Hazardous Materials*, **2021**, 405, 124613	12.8	18
71	Optimization and evaluation of multi-bed adsorbent tube method in collection of volatile organic compounds. *Atmospheric Research*, **2018**, 202, 187-195	5.4	18
70	Risk Assessment of Indoor Formaldehyde and Other Carbonyls in Campus Environments in Northwestern China. *Aerosol and Air Quality Research*, **2016**, 16, 1967-1980	4.6	16
69	Personal exposure to PM_{2.5} emitted from typical anthropogenic sources in southern West Africa: chemical characteristics and associated health risks. *Atmospheric Chemistry and Physics*, **2019**, 19, 6637-6657	6.8	15
68	Relationships between Outdoor and Personal Exposure of Carbonaceous Species and Polycyclic Aromatic Hydrocarbons (PAHs) in Fine Particulate Matter (PM2.5) at Hong Kong. *Aerosol and Air Quality Research*, **2017**, 17, 666-679	4.6	15
67	Characterizations of PM-bound organic compounds and associated potential cancer risks on cooking emissions from dominated types of commercial restaurants in northwestern China. *Chemosphere*, **2020**, 261, 127758	8.4	15
66	Effects of non-protein-type amino acids of fine particulate matter on E-cadherin and inflammatory responses in mice. *Toxicology Letters*, **2015**, 237, 174-80	4.4	14
65	Hong Kong vehicle emission changes from 2003 to 2015 in the Shing Mun Tunnel. *Aerosol Science and Technology*, **2018**, 52, 1085-1098	3.4	14
64	Characteristics of carbonate carbon in PM2.5 in a typical semi-arid area of Northeastern China. *Atmospheric Environment*, **2011**, 45, 1268-1274	5.3	14
63	Provenance of Chinese Loess: Evidence from Stable Lead Isotope. *Terrestrial, Atmospheric and Oceanic Sciences*, **2011**, 22, 305	1.8	14
62	PM2.5-Bound Polycyclic Aromatic Hydrocarbons (PAHs), Oxygenated-PAHs and Phthalate Esters (PAEs) inside and outside Middle School Classrooms in Xi□n, China: Concentration, Characteristics and Health Risk Assessment. *Aerosol and Air Quality Research*, **2017**, 17, 1811-1824	4.6	14
61	Characteristics and Source Identification of Polycyclic Aromatic Hydrocarbons and n-Alkanes in PM2.5 in Xiamen. *Aerosol and Air Quality Research*, **2018**, 18, 1673-1683	4.6	14

60	Spatial distribution and sources of winter black carbon and brown carbon in six Chinese megacities. *Science of the Total Environment*, **2021**, 762, 143075	10.2	14
59	Characterization of particulate-bound polycyclic aromatic compounds (PACs) and their oxidations in heavy polluted atmosphere: A case study in urban Beijing, China during haze events. *Science of the Total Environment*, **2019**, 660, 1392-1402	10.2	13
58	Impacts of short-term mitigation measures on PM_{2.5} and radiative effects: a case study at a regional background site near Beijing, China. *Atmospheric Chemistry and Physics*, **2019**, 19, 1881-1899	6.8	13
57	Cytotoxicity of PM vehicular emissions in the Shing Mun Tunnel, Hong Kong. *Environmental Pollution*, **2020**, 263, 114386	9.3	13
56	Hazardous airborne carbonyls emissions in industrial workplaces in China. *Journal of the Air and Waste Management Association*, **2013**, 63, 864-77	2.4	13
55	Non-polar organic compounds, volatility and oxidation reactivity of particulate matter emitted from diesel engine fueled with ternary fuels in blended and fumigation modes. *Chemosphere*, **2020**, 249, 126086	8.4	12
54	Quantification of oxygenated polycyclic aromatic hydrocarbons in ambient aerosol samples using in-injection port thermal desorption-gas chromatography/mass spectrometry: Method exploration and validation. *International Journal of Mass Spectrometry*, **2018**, 433, 25-30	1.9	12
53	Biases in ketone measurements using DNPH-coated solid sorbent cartridges. *Analytical Methods*, **2014**, 6, 967-974	3.2	12
52	Evaluation of hazardous airborne carbonyls on a university campus in southern China. *Journal of the Air and Waste Management Association*, **2014**, 64, 903-16	2.4	12
51	Effects of Chemical Composition of PM2.5 on Visibility in a Semi-Rural City of Sichuan Basin. *Aerosol and Air Quality Research*, **2018**, 18, 957-968	4.6	12
50	Gaseous, PM_{2.5} mass, and speciated emission factors from laboratory chamber peat combustion. *Atmospheric Chemistry and Physics*, **2019**, 19, 14173-14193	6.8	12
49	Indoor, outdoor, and personal exposure to PM and their bioreactivity among healthy residents of Hong Kong. *Environmental Research*, **2020**, 188, 109780	7.9	11
48	Characterization and health risk assessment of PM-bound organics inside and outside of Chinese smoking lounges. *Chemosphere*, **2017**, 186, 438-445	8.4	11
47	Characterization of Particulate-Phase High Molecular Weight Mono-Carbonyls (C# > 5) and Dicarbonyls in Urban Atmosphere of Xi□n, China. *Aerosol and Air Quality Research*, **2012**, 12, 892-901	4.6	11
46	Technical Note: Concerns on the Use of Ozone Scrubbers for Gaseous Carbonyl Measurement by DNPH-Coated Silica Gel Cartridge. *Aerosol and Air Quality Research*, **2013**, 13, 1151-1160	4.6	11
45	Cytotoxicity and Potential Pathway to Vascular Smooth Muscle Cells Induced by PM Emitted from Raw Coal Chunks and Clean Coal Combustion. *Environmental Science & Technology*, **2020**, 54, 14482-14493	10.3	11
44	Comprehensive study on the removal of chromate from aqueous solution by synthesized kaolin supported nanoscale zero-valent iron. *Desalination and Water Treatment*, **2016**, 57, 5065-5078		10
43	Real-Time Characterization of Particle-Bound Polycyclic Aromatic Hydrocarbons at a Heavily Trafficked Roadside Site. *Aerosol and Air Quality Research*, **2012**, 12, 1181-1188	4.6	10

42	Quantification of nitrated-polycyclic aromatic hydrocarbons in atmospheric aerosol samples with in-injection port thermal desorption-gas chromatography/ negative chemical ionization mass spectrometry method. *Atmospheric Environment*, **2018**, 192, 84-93	5.3	9
41	Spatial distributions of airborne di-carbonyls in urban and rural areas in China. *Atmospheric Research*, **2017**, 186, 1-8	5.4	8
40	Characteristics and cytotoxicity of indoor fine particulate matter (PM2.5) and PM2.5-bound polycyclic aromatic hydrocarbons (PAHs) in Hong Kong. *Air Quality, Atmosphere and Health*, **2019**, 12, 1459-1468	5.6	8
39	The effects of particle-induced oxidative damage from exposure to airborne fine particulate matter components in the vicinity of landfill sites on Hong Kong. *Chemosphere*, **2019**, 230, 578-586	8.4	8
38	Changes in PM_{2.5} peat combustion source profiles with atmospheric aging in an oxidation flow reactor. *Atmospheric Measurement Techniques*, **2019**, 12, 5475-5501	4	8
37	The Roles of N, S, and O in Molecular Absorption Features of Brown Carbon in PM2.5 in a Typical Semi-Arid Megacity in Northwestern China. *Journal of Geophysical Research D: Atmospheres*, **2021**, 126, e2021JD034791	4.4	8
36	Challenges on field monitoring of indoor air quality in china. *Indoor and Built Environment*, **2017**, 26, 576-584	3.8	7
35	A comprehensive study on ozone pollution in a megacity in North China Plain during summertime: Observations, source attributions and ozone sensitivity. *Environment International*, **2021**, 146, 106279	12.9	7
34	Emission factors, characteristics, and gas-particle partitioning of polycyclic aromatic hydrocarbons in PM emitted for the typical solid fuel combustions in rural Guanzhong Plain, China. *Environmental Pollution*, **2021**, 286, 117573	9.3	7
33	Origin and transformation of ambient volatile organic compounds during a dust-to-haze episode in northwest China. *Atmospheric Chemistry and Physics*, **2020**, 20, 5425-5436	6.8	6
32	Evaluation of hazardous airborne carbonyls in five urban roadside dwellings: A comprehensive indoor air assessment in Sri Lanka. *Atmospheric Pollution Research*, **2018**, 9, 270-277	4.5	6
31	Evaluation on exposures to particulate matter at a junior secondary school: a comprehensive study on health risks and effective inflammatory responses in Northwestern China. *Environmental Geochemistry and Health*, **2018**, 40, 849-863	4.7	6
30	Optimization of solid-phase microextraction (SPME) to determine airborne biogenic volatile organic compounds (BVOCs): An application for measurement of household cleaning products. *Analytical Methods*, **2012**, 4, 277-283	3.2	6
29	Differential health and economic impacts from the COVID-19 lockdown between the developed and developing countries: Perspective on air pollution. *Environmental Pollution*, **2021**, 293, 118544	9.3	6
28	Evaluation of the Oxidation Flow Reactor for particulate matter emission limit certification. *Atmospheric Environment*, **2020**, 224, 117086	5.3	6
27	Comprehensive characterization and health assessment of occupational exposures to volatile organic compounds (VOCs) in Xi'an, a major city of northwestern China. *Atmospheric Environment*, **2021**, 246, 118085	5.3	6
26	Preparation and characterization of EDTAD-modified magnetic-Fe3O4 chitosan composite: application of comparative adsorption of dye wastewater with magnetic chitosan. *Water Science and Technology*, **2013**, 68, 209-16	2.2	5
25	Intra-Urban Levels, Spatial Variability, Possible Sources and Health Risks of PM2.5 Bound Phthalate Esters in Xi□n. *Aerosol and Air Quality Research*, **2018**, 18, 485-496	4.6	5

24	A 150-year record of black carbon (soot and char) and polycyclic aromatic compounds deposition in Lake Phayao, north Thailand. *Environmental Pollution*, **2021**, 269, 116148	9.3	5
23	Characterization of organic aerosols in PM and their cytotoxicity in an urban roadside area in Hong Kong. *Chemosphere*, **2021**, 263, 128239	8.4	5
22	Light absorption properties and molecular profiles of HULIS in PM emitted from biomass burning in traditional "Heated Kang" in Northwest China. *Science of the Total Environment*, **2021**, 776, 146014	10.2	4
21	Seasonal behavior of water-soluble organic nitrogen in fine particulate matter (PM2.5) at urban coastal environments in Hong Kong. *Air Quality, Atmosphere and Health*, **2019**, 12, 389-399	5.6	4
20	A comprehensive review on anthropogenic volatile organic compounds (VOCs) emission estimates in China: Comparison and outlook. *Environment International*, **2021**, 156, 106710	12.9	4
19	Characteristics of fresh and aged volatile organic compounds from open burning of crop residues. *Science of the Total Environment*, **2020**, 726, 138545	10.2	3
18	Quantification of carbonate carbon in aerosol filter samples using a modified thermal/optical carbon analyzer (M-TOCA). *Analytical Methods*, **2012**, 4, 2578	3.2	3
17	Temporal and spatial discrepancies of VOCs in an industrial-dominant city in China during summertime. *Chemosphere*, **2021**, 264, 128536	8.4	3
16	VOCs emission profiles from rural cooking and heating in Guanzhong Plain, China and its potential effect on regional O₃ and SOA formation **2018**,		2
15	Chemical characterization of PM from a southern coastal city of China: applications of modeling and chemical tracers in demonstration of regional transport. *Environmental Science and Pollution Research*, **2018**, 25, 20591-20605	5.1	2
14	Changes in PM_{2.5} Peat Combustion Source Profiles with Atmospheric Aging in an Oxidation Flow Reactor		2
13	Seasonal and diurnal variation of PM2.5 HULIS over Xi'an in Northwest China: Optical properties, chemical functional group, and relationship with reactive oxygen species (ROS). *Atmospheric Environment*, **2022**, 268, 118782	5.3	2
12	Gaseous, PM_{2.5} Mass, and Speciated Emission Factors from Laboratory Chamber Peat Combustion **2019**,		1
11	Explorations of tire and road wear microplastics in road dust PM at eight megacities in China.. *Science of the Total Environment*, **2022**, 153717	10.2	1
10	Chemical characteristics and sources of nitrogen-containing organic compounds at a regional site in the North China Plain during the transition period of autumn and winter. *Science of the Total Environment*, **2021**, 151451	10.2	1
9	A long-term chemical characteristics and source apportionment of atmospheric rainfall in a northwest megacity of Xi'an, China. *Environmental Science and Pollution Research*, **2021**, 28, 31207-31217	5.1	1
8	Personal exposure to PM_{2.5} emitted from typical anthropogenic sources in Southern West Africa (SWA): Chemical characteristics and associated health risks **2018**,		1
7	Variations of Personal Exposure to Particulate Nitrated Phenols from Heating Energy Renovation in China: The First Assessment on Associated Toxicological Impacts with Particle Size Distributions.. *Environmental Science & Technology*, **2022**,	10.3	1

6	Response of aerosol composition to the clean air actions in Baoji city of Fen-Wei River Basin.. *Environmental Research*, **2022**, 210, 112936	7.9	1
5	Emission profiles of volatile organic compounds from various geological maturity coal and its clean coal briquetting in China. *Atmospheric Research*, **2022**, 274, 106200	5.4	1
4	Emission characteristics and assessment of potential health risks on PM2.5-bound organics from incense burning. *Atmospheric Pollution Research*, **2022**, 13, 101326	4.5	0
3	Source profiles of molecular structure and light absorption of PM brown carbon from residential coal combustion emission in Northwestern China.. *Environmental Pollution*, **2022**, 118866	9.3	0
2	Photochemical aging process on PM2.5 bound PAHs emission from solid fuel combustion in traditional and improved stoves. *Atmospheric Research*, **2021**, 263, 105807	5.4	0
1	Characteristics and health risks of parent, alkylated, and oxygenated PAHs and their contributions to reactive oxygen species from PM vehicular emissions in the longest tunnel in downtown Xi'an, China.. *Environmental Research*, **2022**, 113357	7.9	0