

Steven Sai Hang Ho

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.

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	Emission characteristics and assessment of potential health risks on PM _{2.5} -bound organics from incense burning. <i>Atmospheric Pollution Research</i> , 2022 , 13, 101326	4.5	0
148	Source profiles of molecular structure and light absorption of PM brown carbon from residential coal combustion emission in Northwestern China.. <i>Environmental Pollution</i> , 2022 , 118866	9.3	0
147	Explorations of tire and road wear microplastics in road dust PM at eight megacities in China.. <i>Science of the Total Environment</i> , 2022 , 153717	10.2	1
146	Seasonal and diurnal variation of PM _{2.5} HULIS over Xi'an in Northwest China: Optical properties, chemical functional group, and relationship with reactive oxygen species (ROS). <i>Atmospheric Environment</i> , 2022 , 268, 118782	5.3	2
145	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.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	1
144	Response of aerosol composition to the clean air actions in Baoji city of Fen-Wei River Basin.. <i>Environmental Research</i> , 2022 , 210, 112936	7.9	1
143	Emission profiles of volatile organic compounds from various geological maturity coal and its clean coal briquetting in China. <i>Atmospheric Research</i> , 2022 , 274, 106200	5.4	1
142	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.. <i>Environmental Research</i> , 2022 , 113357	7.9	0
141	Differential health and economic impacts from the COVID-19 lockdown between the developed and developing countries: Perspective on air pollution. <i>Environmental Pollution</i> , 2021 , 293, 118544	9.3	6
140	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. <i>Science of the Total Environment</i> , 2021 , 151451	10.2	1
139	Light absorption properties and molecular profiles of HULIS in PM emitted from biomass burning in traditional "Heated Kang" in Northwest China. <i>Science of the Total Environment</i> , 2021 , 776, 146014	10.2	4
138	Temporal and spatial discrepancies of VOCs in an industrial-dominant city in China during summertime. <i>Chemosphere</i> , 2021 , 264, 128536	8.4	3
137	Comprehensive characterization and health assessment of occupational exposures to volatile organic compounds (VOCs) in Xi'an, a major city of northwestern China. <i>Atmospheric Environment</i> , 2021 , 246, 118085	5.3	6
136	A 150-year record of black carbon (soot and char) and polycyclic aromatic compounds deposition in Lake Phayao, north Thailand. <i>Environmental Pollution</i> , 2021 , 269, 116148	9.3	5
135	A comprehensive study on ozone pollution in a megacity in North China Plain during summertime: Observations, source attributions and ozone sensitivity. <i>Environment International</i> , 2021 , 146, 106279	12.9	7
134	Chemical and toxicological characterization of particulate emissions from diesel vehicles. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124613	12.8	18
133	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. <i>Environmental Pollution</i> , 2021 , 268, 115881	9.3	19

132	Characterization of organic aerosols in PM and their cytotoxicity in an urban roadside area in Hong Kong. <i>Chemosphere</i> , 2021 , 263, 128239	8.4	5
131	Spatial distribution and sources of winter black carbon and brown carbon in six Chinese megacities. <i>Science of the Total Environment</i> , 2021 , 762, 143075	10.2	14
130	A long-term chemical characteristics and source apportionment of atmospheric rainfall in a northwest megacity of Xi'an, China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 31207-31217	5.1	1
129	The Roles of N, S, and O in Molecular Absorption Features of Brown Carbon in PM _{2.5} in a Typical Semi-Arid Megacity in Northwestern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2021JD034791	4.4	8
128	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. <i>Environmental Pollution</i> , 2021 , 286, 117573	9.3	7
127	A comprehensive review on anthropogenic volatile organic compounds (VOCs) emission estimates in China: Comparison and outlook. <i>Environment International</i> , 2021 , 156, 106710	12.9	4
126	Photochemical aging process on PM _{2.5} bound PAHs emission from solid fuel combustion in traditional and improved stoves. <i>Atmospheric Research</i> , 2021 , 263, 105807	5.4	0
125	Origin and transformation of ambient volatile organic compounds during a dust-to-haze episode in northwest China. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 5425-5436	6.8	6
124	Indoor, outdoor, and personal exposure to PM and their bioreactivity among healthy residents of Hong Kong. <i>Environmental Research</i> , 2020 , 188, 109780	7.9	11
123	Non-polar organic compounds, volatility and oxidation reactivity of particulate matter emitted from diesel engine fueled with ternary fuels in blended and fumigation modes. <i>Chemosphere</i> , 2020 , 249, 126086	8.4	12
122	Cytotoxicity of PM vehicular emissions in the Shing Mun Tunnel, Hong Kong. <i>Environmental Pollution</i> , 2020 , 263, 114386	9.3	13
121	Characteristics of fresh and aged volatile organic compounds from open burning of crop residues. <i>Science of the Total Environment</i> , 2020 , 726, 138545	10.2	3
120	Evaluation of the Oxidation Flow Reactor for particulate matter emission limit certification. <i>Atmospheric Environment</i> , 2020 , 224, 117086	5.3	6
119	Characterizations of PM-bound organic compounds and associated potential cancer risks on cooking emissions from dominated types of commercial restaurants in northwestern China. <i>Chemosphere</i> , 2020 , 261, 127758	8.4	15
118	Cytotoxicity and Potential Pathway to Vascular Smooth Muscle Cells Induced by PM Emitted from Raw Coal Chunks and Clean Coal Combustion. <i>Environmental Science & Technology</i> , 2020 , 54, 14482-14493	10.3	11
117	Characteristics and cytotoxicity of indoor fine particulate matter (PM _{2.5}) and PM _{2.5} -bound polycyclic aromatic hydrocarbons (PAHs) in Hong Kong. <i>Air Quality, Atmosphere and Health</i> , 2019 , 12, 1459-1468	5.6	8
116	Gaseous, PM _{2.5} Mass, and Speciated Emission Factors from Laboratory Chamber Peat Combustion 2019 ,		1
115	Wintertime Optical Properties of Primary and Secondary Brown Carbon at a Regional Site in the North China Plain. <i>Environmental Science & Technology</i> , 2019 , 53, 12389-12397	10.3	27

114	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. <i>Science of the Total Environment</i> , 2019 , 660, 1392-1402	10.2	13
113	Evaluation and characterization of volatile air toxics indoors in a heavy polluted city of northwestern China in wintertime. <i>Science of the Total Environment</i> , 2019 , 662, 470-480	10.2	27
112	Personal exposure to PM _{2.5} emitted from typical anthropogenic sources in southern West Africa: chemical characteristics and associated health risks. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 6637-6657	6.8	15
111	The effects of particle-induced oxidative damage from exposure to airborne fine particulate matter components in the vicinity of landfill sites on Hong Kong. <i>Chemosphere</i> , 2019 , 230, 578-586	8.4	8
110	Characterization of polycyclic aromatic hydrocarbon (PAHs) source profiles in urban PM fugitive dust: A large-scale study for 20 Chinese cities. <i>Science of the Total Environment</i> , 2019 , 687, 188-197	10.2	19
109	Characterization of PM _{2.5} source profiles from typical biomass burning of maize straw, wheat straw, wood branch, and their processed products (briquette and charcoal) in China. <i>Atmospheric Environment</i> , 2019 , 205, 36-45	5.3	37
108	Personal exposure to PM-bound organic species from domestic solid fuel combustion in rural Guanzhong Basin, China: Characteristics and health implication. <i>Chemosphere</i> , 2019 , 227, 53-62	8.4	20
107	Impacts of short-term mitigation measures on PM _{2.5} and radiative effects: a case study at a regional background site near Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 1881-1899	6.8	13
106	Characterization of VOCs and their related atmospheric processes in a central Chinese city during severe ozone pollution periods. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 617-638	6.8	67
105	Changes in PM _{2.5} peat combustion source profiles with atmospheric aging in an oxidation flow reactor. <i>Atmospheric Measurement Techniques</i> , 2019 , 12, 5475-5501	4	8
104	Gaseous, PM _{2.5} mass, and speciated emission factors from laboratory chamber peat combustion. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 14173-14193	6.8	12
103	Seasonal behavior of water-soluble organic nitrogen in fine particulate matter (PM _{2.5}) at urban coastal environments in Hong Kong. <i>Air Quality, Atmosphere and Health</i> , 2019 , 12, 389-399	5.6	4
102	PM-bound polycyclic aromatic hydrocarbons (PAHs) in Beijing: Seasonal variations, sources, and risk assessment. <i>Journal of Environmental Sciences</i> , 2019 , 77, 11-19	6.4	68
101	Personal exposure to fine particles (PM) and respiratory inflammation of common residents in Hong Kong. <i>Environmental Research</i> , 2018 , 164, 24-31	7.9	40
100	Decrease of VOC emissions from vehicular emissions in Hong Kong from 2003 to 2015: Results from a tunnel study. <i>Atmospheric Environment</i> , 2018 , 177, 64-74	5.3	35
99	Hong Kong vehicle emission changes from 2003 to 2015 in the Shing Mun Tunnel. <i>Aerosol Science and Technology</i> , 2018 , 52, 1085-1098	3.4	14
98	Characterization and health risk assessment of airborne pollutants in commercial restaurants in northwestern China: Under a low ventilation condition in wintertime. <i>Science of the Total Environment</i> , 2018 , 633, 308-316	10.2	23
97	Evaluation of hazardous airborne carbonyls in five urban roadside dwellings: A comprehensive indoor air assessment in Sri Lanka. <i>Atmospheric Pollution Research</i> , 2018 , 9, 270-277	4.5	6

96	Evaluation on exposures to particulate matter at a junior secondary school: a comprehensive study on health risks and effective inflammatory responses in Northwestern China. <i>Environmental Geochemistry and Health</i> , 2018 , 40, 849-863	4.7	6
95	VOCs emission profiles from rural cooking and heating in Guanzhong Plain, China and its potential effect on regional O ₃ and SOA formation 2018 ,		2
94	Indoor air pollutant exposure and determinant factors controlling household air quality for elderly people in Hong Kong. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 695-704	5.6	19
93	Chemical characterization of PM from a southern coastal city of China: applications of modeling and chemical tracers in demonstration of regional transport. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 20591-20605	5.1	2
92	Quantification of oxygenated polycyclic aromatic hydrocarbons in ambient aerosol samples using in-injection port thermal desorption-gas chromatography/mass spectrometry: Method exploration and validation. <i>International Journal of Mass Spectrometry</i> , 2018 , 433, 25-30	1.9	12
91	Effects of Chemical Composition of PM _{2.5} on Visibility in a Semi-Rural City of Sichuan Basin. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 957-968	4.6	12
90	Intra-Urban Levels, Spatial Variability, Possible Sources and Health Risks of PM _{2.5} Bound Phthalate Esters in Xi'an. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 485-496	4.6	5
89	Characteristics and Source Identification of Polycyclic Aromatic Hydrocarbons and n-Alkanes in PM _{2.5} in Xiamen. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 1673-1683	4.6	14
88	Optimization and evaluation of multi-bed adsorbent tube method in collection of volatile organic compounds. <i>Atmospheric Research</i> , 2018 , 202, 187-195	5.4	18
87	Characteristics of polycyclic aromatic hydrocarbons in PM emitted from different cooking activities in China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 4750-4760	5.1	31
86	Personal exposure to PM _{2.5} emitted from typical anthropogenic sources in Southern West Africa (SWA): Chemical characteristics and associated health risks 2018 ,		1
85	Quantification of nitrated-polycyclic aromatic hydrocarbons in atmospheric aerosol samples with in-injection port thermal desorption-gas chromatography/ negative chemical ionization mass spectrometry method. <i>Atmospheric Environment</i> , 2018 , 192, 84-93	5.3	9
84	Challenges on field monitoring of indoor air quality in china. <i>Indoor and Built Environment</i> , 2017 , 26, 576-584	5.84	7
83	Indoor secondary organic aerosols formation from ozonolysis of monoterpene: An example of d-limonene with ammonia and potential impacts on pulmonary inflammations. <i>Science of the Total Environment</i> , 2017 , 579, 212-220	10.2	18
82	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. <i>Atmospheric Environment</i> , 2017 , 151, 45-51	5.3	23
81	A 10-year observation of PM-bound nickel in Xi'an, China: Effects of source control on its trend and associated health risks. <i>Scientific Reports</i> , 2017 , 7, 41132	4.9	21
80	Concentrations, sources and health effects of parent, oxygenated- and nitrated- polycyclic aromatic hydrocarbons (PAHs) in middle-school air in Xi'an, China. <i>Atmospheric Research</i> , 2017 , 192, 1-10	5.4	35
79	Characterizations of volatile organic compounds (VOCs) from vehicular emissions at roadside environment: The first comprehensive study in Northwestern China. <i>Atmospheric Environment</i> , 2017 , 161, 1-12	5.3	79

78	Spatial distributions of airborne di-carbonyls in urban and rural areas in China. <i>Atmospheric Research</i> , 2017 , 186, 1-8	5.4	8
77	Seasonal behavior of carbonyls and source characterization of formaldehyde (HCHO) in ambient air. <i>Atmospheric Environment</i> , 2017 , 152, 51-60	5.3	40
76	Atmospheric levels and cytotoxicity of polycyclic aromatic hydrocarbons and oxygenated-PAHs in PM in the Beijing-Tianjin-Hebei region. <i>Environmental Pollution</i> , 2017 , 231, 1075-1084	9.3	83
75	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. <i>Environmental Pollution</i> , 2017 , 231, 1330-1343	9.3	28
74	Source apportionment of VOCs and their impacts on surface ozone in an industry city of Baoji, Northwestern China. <i>Scientific Reports</i> , 2017 , 7, 9979	4.9	30
73	Characterization and health risk assessment of PM-bound organics inside and outside of Chinese smoking lounges. <i>Chemosphere</i> , 2017 , 186, 438-445	8.4	11
72	Relationships between Outdoor and Personal Exposure of Carbonaceous Species and Polycyclic Aromatic Hydrocarbons (PAHs) in Fine Particulate Matter (PM _{2.5}) at Hong Kong. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 666-679	4.6	15
71	PM _{2.5} -Bound Polycyclic Aromatic Hydrocarbons (PAHs), Oxygenated-PAHs and Phthalate Esters (PAEs) inside and outside Middle School Classrooms in Xi'an, China: Concentration, Characteristics and Health Risk Assessment. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 1811-1824	4.6	14
70	Comprehensive study on the removal of chromate from aqueous solution by synthesized kaolin supported nanoscale zero-valent iron. <i>Desalination and Water Treatment</i> , 2016 , 57, 5065-5078		10
69	Microscale spatial distribution and health assessment of PM-bound polycyclic aromatic hydrocarbons (PAHs) at nine communities in Xi'an, China. <i>Environmental Pollution</i> , 2016 , 218, 1065-1073	9.3	49
68	Chemical characteristics of rainwater in Sichuan basin, a case study of Ya'an. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 13088-99	5.1	22
67	Characterization of parent and oxygenated-polycyclic aromatic hydrocarbons (PAHs) in Xi'an, China during heating period: An investigation of spatial distribution and transformation. <i>Chemosphere</i> , 2016 , 159, 367-377	8.4	40
66	Characterization of PM _{2.5} in Guangzhou, China: uses of organic markers for supporting source apportionment. <i>Science of the Total Environment</i> , 2016 , 550, 961-971	10.2	70
65	Chemical composition and bioreactivity of PM _{2.5} during 2013 haze events in China. <i>Atmospheric Environment</i> , 2016 , 126, 162-170	5.3	53
64	PM _{2.5} from the Guanzhong Plain: Chemical composition and implications for emission reductions. <i>Atmospheric Environment</i> , 2016 , 147, 458-469	5.3	49
63	Risk Assessment of Indoor Formaldehyde and Other Carbonyls in Campus Environments in Northwestern China. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 1967-1980	4.6	16
62	Removal of Indoor Volatile Organic Compounds via Photocatalytic Oxidation: A Short Review and Prospect. <i>Molecules</i> , 2016 , 21, 56	4.8	168
61	Reconstruction of atmospheric soot history in inland regions from lake sediments over the past 150 years. <i>Scientific Reports</i> , 2016 , 6, 19151	4.9	25

60	Characterization of chemical components and bioreactivity of fine particulate matter (PM2.5) during incense burning. <i>Environmental Pollution</i> , 2016 , 213, 524-532	9.3	38
59	Non-polar organic compounds in marine aerosols over the northern South China Sea: Influence of continental outflow. <i>Chemosphere</i> , 2016 , 153, 332-9	8.4	20
58	Concentrations, particle-size distributions, and indoor/outdoor differences of polycyclic aromatic hydrocarbons (PAHs) in a middle school classroom in Xi'an, China. <i>Environmental Geochemistry and Health</i> , 2015 , 37, 861-73	4.7	30
57	Characteristics of PM2.5 emitted from different cooking activities in China. <i>Atmospheric Research</i> , 2015 , 166, 83-91	5.4	60
56	Effects of non-protein-type amino acids of fine particulate matter on E-cadherin and inflammatory responses in mice. <i>Toxicology Letters</i> , 2015 , 237, 174-80	4.4	14
55	Characteristics and major sources of carbonaceous aerosols in PM2.5 from Sanya, China. <i>Science of the Total Environment</i> , 2015 , 530-531, 110-119	10.2	50
54	Characterization of volatile organic compounds at a roadside environment in Hong Kong: An investigation of influences after air pollution control strategies. <i>Atmospheric Environment</i> , 2015 , 122, 809-818	5.3	45
53	Dicarboxylic acids, ketocarboxylic acids, Edicarbonyls, fatty acids and benzoic acid in PM _{2.5} aerosol collected during CAREBeijing-2007: an effect of traffic restriction on air quality. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 3111-3123	6.8	52
52	Characteristics of water-soluble organic nitrogen in fine particulate matter in the continental area of China. <i>Atmospheric Environment</i> , 2015 , 106, 252-261	5.3	46
51	Spatiotemporal distribution of carbonyl compounds in China. <i>Environmental Pollution</i> , 2015 , 197, 316-324	4.3	25
50	Air pollution effects on fetal and child development: a cohort comparison in China. <i>Environmental Pollution</i> , 2014 , 185, 90-6	9.3	43
49	Characterization and seasonal variations of levoglucosan in fine particulate matter in Xi'an, China. <i>Journal of the Air and Waste Management Association</i> , 2014 , 64, 1317-27	2.4	51
48	Biases in ketone measurements using DNPH-coated solid sorbent cartridges. <i>Analytical Methods</i> , 2014 , 6, 967-974	3.2	12
47	Diurnal and seasonal trends of carbonyl compounds in roadside, urban, and suburban environment of Hong Kong. <i>Atmospheric Environment</i> , 2014 , 89, 43-51	5.3	45
46	Seasonal variations of anhydrosugars in PM2.5 in the Pearl River Delta Region, China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2014 , 66, 22577	3.3	52
45	Evaluation of hazardous airborne carbonyls on a university campus in southern China. <i>Journal of the Air and Waste Management Association</i> , 2014 , 64, 903-16	2.4	12
44	Seasonal variations of monocarbonyl and dicarbonyl in urban and sub-urban sites of Xi'an, China. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 2835-49	3.1	26
43	Hazardous airborne carbonyls emissions in industrial workplaces in China. <i>Journal of the Air and Waste Management Association</i> , 2013 , 63, 864-77	2.4	13

42	Chemical characteristics and source apportionment of fine particulate organic carbon in Hong Kong during high particulate matter episodes in winter 2003. <i>Atmospheric Research</i> , 2013 , 120-121, 88-98	5.4	23
41	Characteristics of fine particulate non-polar organic compounds in Guangzhou during the 16th Asian Games: Effectiveness of air pollution controls. <i>Atmospheric Environment</i> , 2013 , 76, 94-101	5.3	53
40	Preparation and characterization of EDTAD-modified magnetic-Fe ₃ O ₄ chitosan composite: application of comparative adsorption of dye wastewater with magnetic chitosan. <i>Water Science and Technology</i> , 2013 , 68, 209-16	2.2	5
39	Characteristics and sources of carbonaceous aerosols from Shanghai, China. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 803-817	6.8	102
38	Volatile Organic Compounds in Roadside Environment of Hong Kong. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 1331-1347	4.6	19
37	Technical Note: Concerns on the Use of Ozone Scrubbers for Gaseous Carbonyl Measurement by DNPH-Coated Silica Gel Cartridge. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 1151-1160	4.6	11
36	Effect of ammonia on ozone-initiated formation of indoor secondary products with emissions from cleaning products. <i>Atmospheric Environment</i> , 2012 , 59, 224-231	5.3	25
35	Quantification of carbonate carbon in aerosol filter samples using a modified thermal/optical carbon analyzer (M-TOCA). <i>Analytical Methods</i> , 2012 , 4, 2578	3.2	3
34	Characteristics of carbonaceous aerosol in PM _{2.5} : Pearl Delta River Region, China. <i>Atmospheric Research</i> , 2012 , 104-105, 227-236	5.4	66
33	Seasonal and diurnal variations of mono- and di-carbonyls in Xi'an, China. <i>Atmospheric Research</i> , 2012 , 113, 102-112	5.4	42
32	Optimization of solid-phase microextraction (SPME) to determine airborne biogenic volatile organic compounds (BVOCs): An application for measurement of household cleaning products. <i>Analytical Methods</i> , 2012 , 4, 277-283	3.2	6
31	Chemical characteristics of PM _{2.5} and organic aerosol source analysis during cold front episodes in Hong Kong, China. <i>Atmospheric Research</i> , 2012 , 118, 41-51	5.4	22
30	Carbonyl emissions from vehicular exhausts sources in Hong Kong. <i>Journal of the Air and Waste Management Association</i> , 2012 , 62, 221-34	2.4	31
29	An Environmental Chamber Study of the Characteristics of Air Pollutants Released from Environmental Tobacco Smoke. <i>Aerosol and Air Quality Research</i> , 2012 , 12, 1269-1281	4.6	22
28	Real-Time Characterization of Particle-Bound Polycyclic Aromatic Hydrocarbons at a Heavily Trafficked Roadside Site. <i>Aerosol and Air Quality Research</i> , 2012 , 12, 1181-1188	4.6	10
27	Characterization of Particulate-Phase High Molecular Weight Mono-Carbonyls (C# > 5) and Dicarboxylic Acids in Urban Atmosphere of Xi'an, China. <i>Aerosol and Air Quality Research</i> , 2012 , 12, 892-901	4.6	11
26	Summer and winter variations of dicarboxylic acids, fatty acids and benzoic acid in PM _{2.5} in Pearl Delta River Region, China. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 2197-2208	6.8	85
25	Physical parameters effect on ozone-initiated formation of indoor secondary organic aerosols with emissions from cleaning products. <i>Journal of Hazardous Materials</i> , 2011 , 192, 1787-94	12.8	26

24	Unsuitability of using the DNPH-coated solid sorbent cartridge for determination of airborne unsaturated carbonyls. <i>Atmospheric Environment</i> , 2011 , 45, 261-265	5.3	49
23	Characteristics of carbonate carbon in PM _{2.5} in a typical semi-arid area of Northeastern China. <i>Atmospheric Environment</i> , 2011 , 45, 1268-1274	5.3	14
22	Precautions for in-injection port thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) as applied to aerosol filter samples. <i>Atmospheric Environment</i> , 2011 , 45, 1491-1496	5.3	57
21	Characterization of biogenic volatile organic compounds (BVOCs) in cleaning reagents and air fresheners in Hong Kong. <i>Atmospheric Environment</i> , 2011 , 45, 6191-6196	5.3	19
20	Nonpolar organic compounds in fine particles: quantification by thermal desorption-GC/MS and evidence for their significant oxidation in ambient aerosols in Hong Kong. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 3125-39	4.4	19
19	Characteristics and health impacts of VOCs and carbonyls associated with residential cooking activities in Hong Kong. <i>Journal of Hazardous Materials</i> , 2011 , 186, 344-51	12.8	148
18	Provenance of Chinese Loess: Evidence from Stable Lead Isotope. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2011 , 22, 305	1.8	14
17	Dicarboxylic acids, ketocarboxylic acids, Edicarbonyls, fatty acids, and benzoic acid in urban aerosols collected during the 2006 Campaign of Air Quality Research in Beijing (CAREBeijing-2006). <i>Journal of Geophysical Research</i> , 2010 , 115,		77
16	Emissions of gas- and particle-phase polycyclic aromatic hydrocarbons (PAHs) in the Shing Mun Tunnel, Hong Kong. <i>Atmospheric Environment</i> , 2009 , 43, 6343-6351	5.3	115
15	Vehicular emission of volatile organic compounds (VOCs) from a tunnel study in Hong Kong. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 7491-7504	6.8	113
14	Advances in integrated and continuous measurements for particle mass and chemical composition. <i>Journal of the Air and Waste Management Association</i> , 2008 , 58, 141-63	2.4	74
13	Evaluation of an in-injection port thermal desorption-gas chromatography/mass spectrometry method for analysis of non-polar organic compounds in ambient aerosol samples. <i>Journal of Chromatography A</i> , 2008 , 1200, 217-27	4.5	107
12	The application of thermal methods for determining chemical composition of carbonaceous aerosols: a review. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007 , 42, 1521-41	2.3	113
11	Real-world emission factors of fifteen carbonyl compounds measured in a Hong Kong tunnel. <i>Atmospheric Environment</i> , 2007 , 41, 1747-1758	5.3	51
10	Gaseous and particulate polycyclic aromatic hydrocarbons (PAHs) emissions from commercial restaurants in Hong Kong. <i>Journal of Environmental Monitoring</i> , 2007 , 9, 1402-9		41
9	Exposure to PM _{2.5} and PAHs from the Tong Liang, China epidemiological study. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006 , 41, 517-42	2.3	39
8	Carbonyl emissions from commercial cooking sources in Hong Kong. <i>Journal of the Air and Waste Management Association</i> , 2006 , 56, 1091-8	2.4	69
7	The chemical composition of inorganic and carbonaceous materials in PM _{2.5} in Nanjing, China. <i>Atmospheric Environment</i> , 2005 , 39, 3735-3749	5.3	220

6	Differentiation of coloured inks of inkjet printer cartridges by thin layer chromatography and high performance liquid chromatography. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2005 , 45, 187-94	2	18
5	In-injection port thermal desorption and subsequent gas chromatography-mass spectrometric analysis of polycyclic aromatic hydrocarbons and n-alkanes in atmospheric aerosol samples. <i>Journal of Chromatography A</i> , 2004 , 1059, 121-9	4.5	118
4	Determination of airborne carbonyls: comparison of a thermal desorption/GC method with the standard DNPH/HPLC method. <i>Environmental Science & Technology</i> , 2004 , 38, 862-70	10.3	108
3	Feasibility of collection and analysis of airborne carbonyls by on-sorbent derivatization and thermal desorption. <i>Analytical Chemistry</i> , 2002 , 74, 1232-40	7.8	85
2	Concentrations of formaldehyde and other carbonyls in environments affected by incense burning. <i>Journal of Environmental Monitoring</i> , 2002 , 4, 728-33		53
1	Changes in PM _{2.5} ; Peat Combustion Source Profiles with Atmospheric Aging in an Oxidation Flow Reactor		2