Judith C Chow

List of Publications by Year
in descending order

338 papers	26,069 citations	4658 85 h-index	8630 146 g-index
346 all docs	346 docs citations	346 times ranked	13302 citing authors

#	Article	IF	Citations
1	Seasonal variation of optical properties and source apportionment of black and brown carbon in Xi'an, China. Atmospheric Pollution Research, 2022, 13, 101448.	3.8	7
2	Distribution and stable carbon isotopic composition of dicarboxylic acids, ketocarboxylic acids and <i>Î±</i>-dicarbonyls in fresh and aged biomass burning aerosols. Atmospheric Chemistry and Physics, 2022, 22, 7489-7504.	4.9	8
3	Apportionment of Vehicle Fleet Emissions by Linear Regression, Positive Matrix Factorization, and Emission Modeling. Atmosphere, 2022, 13, 1066.	2.3	6
4	PM_{2.5} pollution in Chinaâ€™s Guanzhong Basin and the USAâ€™s San Joaquin Valley mega-regions. Faraday Discussions, 2021, 226, 255-289.	3.2	5
5	Quantification of carboxylâ€functionalized multiwall carbon nanotubes in plant tissues with programmed thermal analysis. Journal of Environmental Quality, 2021, 50, 278-285.	2.0	0
6	General discussion: Multiphase atmospheric chemistry, and source apportionment. Faraday Discussions, 2021, 226, 314-333.	3.2	0
7	Decreasing concentrations of carbonaceous aerosols in China from 2003 to 2013. Scientific Reports, 2021, 11, 5352.	3.3	8
8	Review of Respirable Coal Mine Dust Characterization for Mass Concentration, Size Distribution and Chemical Composition. Minerals (Basel, Switzerland), 2021, 11, 426.	2.0	9
9	Spatial distribution of PM2.5-bound elements in eighteen cities over China: policy implication and health risk assessment. Environmental Geochemistry and Health, 2021, 43, 4771-4788.	3.4	6
10	Brownness of Organic Aerosol over the United States: Evidence for Seasonal Biomass Burning and Photobleaching Effects. Environmental Science & Technology, 2021, 55, 8561-8572.	10.0	19
11	Improved estimation of PM2.5 brown carbon contributions to filter light attenuation. Particuology, 2021, 56, 1-9.	3.6	10
12	Comparison of vehicle emissions by EMFAC-HK model and tunnel measurement in Hong Kong. Atmospheric Environment, 2021, 256, 118452.	4.1	6
13	Assessing the magnitude of PM2.5 polycyclic aromatic hydrocarbon emissions from residential solid fuel combustion and associated health hazards in South Asia. Atmospheric Pollution Research, 2021, 12, 101142.	3.8	5
14	Polycyclic aromatic compounds (PAHs, oxygenated PAHs, nitrated PAHs, and azaarenes) in air from four climate zones of China: Occurrence, gas/particle partitioning, and health risks. Science of the Total Environment, 2021, 786, 147234.	8.0	20
15	Potential emission reductions by converting agricultural residue biomass to synthetic fuels for vehicles and domestic cooking in China. Particuology, 2020, 49, 40-47.	3.6	7
16	Evaluation of the Oxidation Flow Reactor for particulate matter emission limit certification. Atmospheric Environment, 2020, 224, 117086.	4.1	12
17	Spatial and Temporal Variability of Brown Carbon in the United States: Implications for Direct Radiative Effects. Geophysical Research Letters, 2020, 47, e2020GL090332.	4.0	12
18	Volatility Distribution of Organic Compounds in Sewage Incineration Emissions. Environmental Science & Technology, 2020, 54, 14235-14245.	10.0	10

#	Article	IF	Citations
19	Wildfire and prescribed burning impacts on air quality in the United States. Journal of the Air and Waste Management Association, 2020, 70, 961-970.	1.9	21
20	Effects of indoor activities and outdoor penetration on PM2.5 and associated organic/elemental carbon at residential homes in four Chinese cities during winter. Science of the Total Environment, 2020, 739, 139684.	8.0	14
21	Evaluation of gas and particle sensors for detecting spacecraft-relevant fire emissions. Fire Safety Journal, 2020, 113, 102977.	3.1	14
22	Cytotoxicity of PM2.5 vehicular emissions in the Shing Mun Tunnel, Hong Kong. Environmental Pollution, 2020, 263, 114386.	7.5	29
23	Season and size of urban particulate matter differentially affect cytotoxicity and human immune responses to Mycobacterium tuberculosis. PLoS ONE, 2019, 14, e0219122.	2.5	35
24	Inter-comparison of elemental and organic carbon mass measurements from three North American national long-term monitoring networks at a co-located site. Atmospheric Measurement Techniques, 2019, 12, 4543-4560.	3.1	11
25	Changes in PM_{2.5} peat combustion source profiles with atmospheric aging in an oxidation flow reactor. Atmospheric Measurement Techniques, 2019, 12, 5475-5501.	3.1	16
26	Advances in science and applications in air pollution monitoring: A case study on oil sands monitoring targeting ecosystem protection. Journal of the Air and Waste Management Association, 2019, 69, 1133-1141.	1.9	2
27	Evaluation of epifluorescence methods for quantifying bioaerosols in fine and coarse particulate air pollution. Atmospheric Environment, 2019, 213, 620-628.	4.1	11
28	Characterization of smoke for spacecraft fire safety. Journal of Aerosol Science, 2019, 136, 36-47.	3.8	14
29	Multi-wavelength light absorption of black and brown carbon at a high-altitude site on the Southeastern margin of the Tibetan Plateau, China. Atmospheric Environment, 2019, 212, 54-64.	4.1	43
30	Characteristics of atmospheric PM2.5 composition during the implementation of stringent pollution control measures in shanghai for the 2016 G20 summit. Science of the Total Environment, 2019, 648, 1121-1129.	8.0	42
31	Estimation of personal exposure to fine particles (PM2.5) of ambient origin for healthy adults in Hong Kong. Science of the Total Environment, 2019, 654, 514-524.	8.0	31
32	Household solid fuel burning emission characterization and activity levels in India. Science of the Total Environment, 2019, 654, 493-504.	8.0	17
33	Gaseous, PM_{2.5} mass, and speciated emission factors from laboratory chamber peat combustion. Atmospheric Chemistry and Physics, 2019, 19, 14173-14193.	4.9	26
34	Coarse particle (PM10â€“2.5) source profiles for emissions from domestic cooking and industrial process in Central India. Science of the Total Environment, 2018, 627, 1137-1145.	8.0	41
35	Separation of brown carbon from black carbon for IMPROVE and Chemical Speciation Network PM_{2.5} samples. Journal of the Air and Waste Management Association, 2018, 68, 494-510.	1.9	54
36	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.	4.1	51

#	Article	IF	Citations
37	Temporal and spatial variations of PM2.5 organic and elemental carbon in Central India. Environmental Geochemistry and Health, 2018, 40, 2205-2222.	3.4	18
38	Hong Kong vehicle emission changes from 2003 to 2015 in the Shing Mun Tunnel. Aerosol Science and Technology, 2018, 52, 1085-1098.	3.1	24
39	Optimization and evaluation of multi-bed adsorbent tube method in collection of volatile organic compounds. Atmospheric Research, 2018, 202, 187-195.	4.1	22
40	Feasibility of coupling a thermal/optical carbon analyzer to a quadrupole mass spectrometer for enhanced PM2.5 speciation. Journal of the Air and Waste Management Association, 2018, 68, 463-476.	1.9	5
41	Air synthesis review: polycyclic aromatic compounds in the oil sands region. Environmental Reviews, 2018, 26, 430-468.	4.5	58
42	Measuring the Organic Carbon to Organic Matter Multiplier with Thermal/Optical Carbon-Quadrupole Mass Spectrometer Analyses. Aerosol Science and Engineering, 2018, 2, 165-172.	1.9	3
43	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.	4.1	13
44	Determinants of personal exposure to fine particulate matter (PM2.5) in adult subjects in Hong Kong. Science of the Total Environment, 2018, 628-629, 1165-1177.	8.0	44
45	Digestion Coupled with Programmed Thermal Analysis for Quantification of Multiwall Carbon Nanotubes in Plant Tissues. Environmental Science and Technology Letters, 2018, 5, 442-447.	8.7	7
46	Determination of real-world emission factors of trace metals, EC, OC, BTEX, and semivolatile organic compounds (PAHs, PCBs and PCNs) in a rural tunnel in Bilecik, Turkey. Science of the Total Environment, 2018, 643, 1285-1296.	8.0	51
47	Trends in on-road transportation, energy, and emissions. Journal of the Air and Waste Management Association, 2018, 68, 1015-1024.	1.9	5
48	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.	1.5	17
49	Black carbon, organic carbon, and co-pollutant emissions and energy efficiency from artisanal brick production in Mexico. Atmospheric Chemistry and Physics, 2018, 18, 6023-6037.	4.9	11
50	Source Profiles for PM10-2.5 Resuspended Dust and Vehicle Exhaust Emissions in Central India. Aerosol and Air Quality Research, 2018, 18, 1660-1672.	2.1	24
51	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.	4.1	31
52	Source apportionment of urban air pollutants using constrained receptor models with a priori profile information. Environmental Pollution, 2017, 227, 323-333.	7.5	27
53	Enhanced Ion Chromatographic Speciation of Water-Soluble PM$$_{2.5}$$ to Improve Aerosol Source Apportionment. Aerosol Science and Engineering, 2017, 1, 7-24.	1.9	21
54	Air quality measurementsâ€"From rubber bands to tapping the rainbow. Journal of the Air and Waste Management Association, 2017, 67, 637-668.	1.9	11

#	Article	IF	Citations
55	Atmospheric deposition of particles at a sensitive alpine lake: Size-segregated daily and annual fluxes from passive sampling techniques. Science of the Total Environment, 2017, 579, 1736-1744.	8.0	15
56	Characteristics of carbonaceous particles from residential coal combustion and agricultural biomass burning in China. Atmospheric Pollution Research, 2017, 8, 521-527.	3.8	58
57	Development of the GC-MS organic aerosol monitor (GC-MS OAM) for in-field detection of particulate organic compounds. Atmospheric Environment, 2017, 169, 258-266.	4.1	25
58	PM2.5 emissions and source profiles from open burning of crop residues. Atmospheric Environment, 2017, 169, 229-237.	4.1	50
59	Filter Processing and Gravimetric Analysis for Suspended Particulate Matter Samples. Aerosol Science and Engineering, 2017, 1, 93-105.	1.9	45
60	Characterization and health risk assessment of PM2.5-bound organics inside and outside of Chinese smoking lounges. Chemosphere, 2017, 186, 438-445.	8.2	12
61	Air quality measurementsâ€"From rubber bands to tapping the rainbow. Journal of the Air and Waste Management Association, 2017, 67, 1159-1168.	1.9	4
62	Emissions and Partitioning of Intermediate-Volatility and Semi-Volatile Polar Organic Compounds (I/SV-POCs) During Laboratory Combustion of Boreal and Sub-Tropical Peat. Aerosol Science and Engineering, 2017, 1, 25-32.	1.9	10
63	Aerosol emissions factors from traditional biomass cookstoves in India: insights from field measurements. Atmospheric Chemistry and Physics, 2017, 17, 13721-13729.	4.9	33
64	Vertical Circulation of Atmospheric Pollutants near Mountains during a Southern California Ozone Episode. Aerosol and Air Quality Research, 2016, 16, 2396-2404.	2.1	5
65	Chemical characterization and source apportionment of size-resolved particles in Hong Kong sub-urban area. Atmospheric Research, 2016, 170, 112-122.	4.1	29
66	Study of carbonaceous fractions associated with indoor PM2.5/PM10 during Asian cultural and ritual burning practices. Building and Environment, 2016, 106, 229-236.	6.9	12
67	Source apportionment of mass concentration and inhalation risk with long-term ambient PCDD/Fs measurements in an urban area. Journal of Hazardous Materials, 2016, 317, 180-187.	12.4	14
68	Chemical speciation of aerosols and air quality degradation during the festival of lights (Diwali). Atmospheric Pollution Research, 2016, 7, 92-99.	3.8	33
69	Improvement of Engine Exhaust Particle Sizer (EEPS) size distribution measurement â€“ I. Algorithm and applications to compact-shape particles. Journal of Aerosol Science, 2016, 92, 95-108.	3.8	31
70	Inter-annual variability of wintertime PM 2.5 chemical composition in Xi'an, China: Evidences of changing source emissions. Science of the Total Environment, 2016, 545-546, 546-555.	8.0	118
71	Improvement of Engine Exhaust Particle Sizer (EEPS) size distribution measurement â€“ II. Engine exhaust particles. Journal of Aerosol Science, 2016, 92, 83-94.	3.8	67
72	Real-world emission factors for Caterpillar 797B heavy haulers during mining operations. Particuology, 2016, 28, 22-30.	3.6	31

#	Article	IF	Citations
73	Collocated comparisons of continuous and filter-based PM_{2.5} measurements at Fort McMurray, Alberta, Canada. Journal of the Air and Waste Management Association, 2016, 66, 329-339.	1.9	16
74	Estimation of Aerosol Mass Scattering Efficiencies under High Mass Loading: Case Study for the Megacity of Shanghai, China. Environmental Science & Technology, 2015, 49, 831-838.	10.0	30
75	Receptor Models and Measurements for Identifying and Quantifying Air Pollution Sources. , 2015, , 677-706.		8
76	Characterization of ambient PM2.5 at a pollution hotspot in New Delhi, India and inference of sources. Atmospheric Environment, 2015, 109, 178-189.	4.1	217
77	PM_{2.5} source apportionment with organic markers in the Southeastern Aerosol Research and Characterization (SEARCH) study. Journal of the Air and Waste Management Association, 2015, 65, 1104-1118.	1.9	27
78	Source and risk apportionment of selected VOCs and PM2.5 species using partially constrained receptor models with multiple time resolution data. Environmental Pollution, 2015, 205, 121-130.	7.5	68
79	Renewable Hydrogen Production from Bio-oil in an Aerosol Pyrolysis System. Procedia Engineering, 2015, 102, 1867-1876.	1.2	3
80	The optical properties of urban aerosol in northern China: A case study at Xi'an. Atmospheric Research, 2015, 160, 59-67.	4.1	22
81	Emission characteristics of carbonaceous particles and trace gases from open burning of crop residues in China. Atmospheric Environment, 2015, 123, 399-406.	4.1	114
82	Effects of Snow Cover and Atmospheric Stability on Winter PM2.5 Concentrations in Western U.S. Valleys. Journal of Applied Meteorology and Climatology, 2015, 54, 1191-1201.	1.5	48
83	Air Pollution Particulate Matter Alters Antimycobacterial Respiratory Epithelium Innate Immunity. Infection and Immunity, 2015, 83, 2507-2517.	2.2	109
84	Wind erosion potential for fugitive dust sources in the Athabasca Oil Sands Region. Aeolian Research, 2015, 18, 121-134.	2.7	53
85	Characterization of PM_{2.5} and PM₁₀ fugitive dust source profiles in the Athabasca Oil Sands Region. Journal of the Air and Waste Management Association, 2015, 65, 1421-1433.	1.9	57
86	Mass reconstruction methods for PM2.5: a review. Air Quality, Atmosphere and Health, 2015, 8, 243-263.	3.3	245
87	PM2.5 and PM10-2.5 chemical composition and source apportionment near a Hong Kong roadway. Particuology, 2015, 18, 96-104.	3.6	109
88	Cultural and Ritual Burning Emission Factors and Activity Levels in India. Aerosol and Air Quality Research, 2015, 15, 72-80.	2.1	6
89	Characterization of Ambient PM10 Bioaerosols in a California Agricultural Town. Aerosol and Air Quality Research, 2015, 15, 1433-1447.	2.1	40
90	Optical Calibration and Equivalence of a Multiwavelength Thermal/Optical Carbon Analyzer. Aerosol and Air Quality Research, 2015, 15, 1145-1159.	2.1	61

#	Article	IF	Citations
91	A Biomass Combustion Chamber: Design, Evaluation, and a Case Study of Wheat Straw Combustion Emission Tests. Aerosol and Air Quality Research, 2015, 15, 2104-2114.	2.1	68
92	Public health and components of particulate matter: The changing assessment of black carbon. Journal of the Air and Waste Management Association, 2014, 64, 1221-1231.	1.9	21
93	Ambient Particulate Matter Air Pollution in Mpererwe District, Kampala, Uganda: A Pilot Study. Journal of Environmental and Public Health, 2014, 2014, 1-7.	0.9	19
94	Air pollution effects on fetal and child development: A cohort comparison in China. Environmental Pollution, 2014, 185, 90-96.	7.5	51
95	Characterization and seasonal variations of levoglucosan in fine particulate matter in Xiâ€™an, China. Journal of the Air and Waste Management Association, 2014, 64, 1317-1327.	1.9	55
96	Biases in ketone measurements using DNPH-coated solid sorbent cartridges. Analytical Methods, 2014, 6, 967-974.	2.7	14
97	Public Health and Components of Particulate Matter: The Changing Assessment of Black Carbon. Journal of the Air and Waste Management Association, 2014, 64, 617-619.	1.9	2
98	Funeral Pyres in South Asia: Brown Carbon Aerosol Emissions and Climate Impacts. Environmental Science and Technology Letters, 2014, 1, 44-48.	8.7	57
99	Speciated PM10 Emission Inventory for Delhi, India. Aerosol and Air Quality Research, 2014, 14, 1515-1526.	2.1	35
100	Introduction to the 2013 Critical Review. Journal of the Air and Waste Management Association, 2013, 63, 605-606.	1.9	2
101	Influence of collection region and site type on the composition of paved road dust. Air Quality, Atmosphere and Health, 2013, 6, 615-628.	3.3	8
102	Standards and Traceability for Air Quality Measurements: Flow Rates and Gaseous Pollutants. Mapan - Journal of Metrology Society of India, 2013, 28, 167-179.	1.5	10
103	Source apportionment of atmospheric particulate carbon in Las Vegas, Nevada, USA. Particuology, 2013, 11, 110-118.	3.6	18
104	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.	4.1	61
105	Constraining aerosol optical models using ground-based, collocated particle size and mass measurements in variable air mass regimes during the 7-SEAS/Dongsha experiment. Atmospheric Environment, 2013, 78, 163-173.	4.1	10
106	Stratospheric ozone, global warming, and the principle of unintended consequencesâ€”An ongoing science and policy story. Journal of the Air and Waste Management Association, 2013, 63, 1235-1244.	1.9	3
107	Prescribed burn smoke impact in the Lake Tahoe Basin: model simulation and field verification. International Journal of Environment and Pollution, 2013, 52, 225.	0.2	6
108	Association between light absorption measurements of PM2.5 and distance from heavy traffic roads in the Mexico City metropolitan area. Salud Publica De Mexico, 2013, 55, 155-161.	0.4	1

#	Article	IF	Citations
109	Evolution of PM2.5 Measurements and Standards in the U.S. and Future Perspectives for China. Aerosol and Air Quality Research, 2013, 13, 1197-1211.	2.1	91
110	Energy supplies and future engines for land, sea, and air. Journal of the Air and Waste Management Association, 2012, 62, 1233-1248.	1.9	7
111	Winter and Summer PM_{2.5} Chemical Compositions in Fourteen Chinese Cities. Journal of the Air and Waste Management Association, 2012, 62, 1214-1226.	1.9	350
112	Comparison of Emissions from Wood Combustion. Part 1: Emission Factors and Characteristics from Different Small-Scale Residential Heating Appliances Considering Particulate Matter and Polycyclic Aromatic Hydrocarbon (PAH)-Related Toxicological Potential of Particle-Bound Organic Species. Energy & Fuels, 2012, 26, 6695-6704.	5.1	104
113	Impacts of aerosol compositions on visibility impairment in Xi'an, China. Atmospheric Environment, 2012, 59, 559-566.	4.1	271
114	Isotopic characterization of nitrate, ammonium and sulfate in stack PM2.5 emissions in the Athabasca Oil Sands Region, Alberta, Canada. Atmospheric Environment, 2012, 60, 555-563.	4.1	43
115	Elemental and morphological analyses of filter tape deposits from a beta attenuation monitor. Atmospheric Research, 2012, 106, 181-189.	4.1	18
116	Comparison of the MOVES2010a, MOBILE6.2, and EMFAC2007 mobile source emission models with on-road traffic tunnel and remote sensing measurements. Journal of the Air and Waste Management Association, 2012, 62, 1134-1149.	1.9	91
117	Simulated downwind coal combustion emissions for laboratory inhalation exposure atmospheres. Inhalation Toxicology, 2012, 24, 310-319.	1.6	6
118	Impact of Different Household Fuel Use on Source Apportionment Results of House-Indoor RPM in Central India. Aerosol and Air Quality Research, 2012, 12, 49-60.	2.1	23
119	Aerosol and Air Toxics Exposure in El Paso, Texas: A Pilot Study. Aerosol and Air Quality Research, 2012, 12, 169-179.	2.1	7
120	An Efficient Multipollutant System for Measuring Real-World Emissions from Stationary and Mobile Sources. Aerosol and Air Quality Research, 2012, 12, 145-160.	2.1	55
121	Carbonaceous and Ionic Components of Atmospheric Fine Particles in Beijing and Their Impact on Atmospheric Visibility. Aerosol and Air Quality Research, 2012, 12, 492-502.	2.1	63
122	Indoor/Outdoor Relationships for Organic and Elemental Carbon in PM2.5 at Residential Homes in Guangzhou, China. Aerosol and Air Quality Research, 2012, 12, 902-910.	2.1	48
123	Comparison of Elemental Carbon in Lake Sediments Measured by Three Different Methods and 150-Year Pollution History in Eastern China. Environmental Science & Technology, 2011, 45, 5287-5293.	10.0	74
124	A Special Issue of JA&WMA on Papers from the â€œLeapfrogging Opportunities for Air Quality Improvement Conferenceâ€• Journal of the Air and Waste Management Association, 2011, 61, 1091-1092.	1.9	1
125	Particulate emission factors for mobile fossil fuel and biomass combustion sources. Science of the Total Environment, 2011, 409, 2384-2396.	8.0	32
126	Chemical compositions and source identification of PM2.5 aerosols for estimation of a diesel source surrogate. Science of the Total Environment, 2011, 409, 2642-2651.	8.0	60

#	Article	IF	Citations
127	Stable carbon isotopes in aerosols from Chinese cities: Influence of fossil fuels. Atmospheric Environment, 2011, 45, 1359-1363.	4.1	149
128	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.	4.1	74
129	PM2.5 source profiles for black and organic carbon emission inventories. Atmospheric Environment, 2011, 45, 5407-5414.	4.1	111
130	Environmental Issues and Management Strategies for Waste Electronic and Electrical Equipment. Journal of the Air and Waste Management Association, 2011, 61, 586-586.	1.9	3
131	Quality assurance and quality control for thermal/optical analysis of aerosol samples for organic and elemental carbon. Analytical and Bioanalytical Chemistry, 2011, 401, 3141-3152.	3.7	133
132	Hyphenation of a carbon analyzer to photo-ionization mass spectrometry to unravel the organic composition of particulate matter on a molecular level. Analytical and Bioanalytical Chemistry, 2011, 401, 3153-3164.	3.7	49
133	Dilution sampling and analysis of particulate matter in biomass-derived syngas. Frontiers of Environmental Science and Engineering in China, 2011, 5, 320-330.	0.8	10
134	Comparison of four scanning mobility particle sizers at the Fresno Supersite. Particuology, 2011, 9, 204-209.	3.6	34
135	Winter and Summer Characteristics of Airborne Particles Inside Emperor Qin's Terra-Cotta Museum, China: A Study by Scanning Electron Microscopyâ€“Energy Dispersive X-Ray Spectrometry. Journal of the Air and Waste Management Association, 2011, 61, 914-922.	1.9	4
136	Size-Differentiated Chemical Characteristics of Asian Paleo Dust: Records from Aeolian Deposition on Chinese Loess Plateau. Journal of the Air and Waste Management Association, 2011, 61, 180-189.	1.9	18
137	PM_{2.5} Source Apportionment: Reconciling Receptor Models for U.S. Nonurban and Urban Long-Term Networks. Journal of the Air and Waste Management Association, 2011, 61, 1204-1217.	1.9	33
138	Chemical Composition of Indoor and Outdoor Atmospheric Particles at Emperor Qin's Terra-cotta Museum, Xiâ€™an, China. Aerosol and Air Quality Research, 2011, 11, 70-79.	2.1	31
139	Measurement System Evaluation for Upwind/Downwind Sampling of Fugitive Dust Emissions. Aerosol and Air Quality Research, 2011, 11, 331-350.	2.1	20
140	Chemical mass balance source apportionment for combined PM2.5 measurements from U.S. non-urban and urban long-term networksâ˜†. Atmospheric Environment, 2010, 44, 4908-4918.	4.1	61
141	Morphological and Elemental Classification of Freshly Emitted Soot Particles and Atmospheric Ultrafine Particles using the TEM/EDS. Aerosol Science and Technology, 2010, 44, 202-215.	3.1	98
142	Multipollutant Air Quality Management. Journal of the Air and Waste Management Association, 2010, 60, 1154-1164.	1.9	11
143	Filter Light Attenuation as a Surrogate for Elemental Carbon. Journal of the Air and Waste Management Association, 2010, 60, 1365-1375.	1.9	26
144	Multipollutant Air Quality Management. Journal of the Air and Waste Management Association, 2010, 60, 642-644.	1.9	4

#	Article	IF	Citations
145	Black and Organic Carbon Emission Inventories: Review and Application to California. Journal of the Air and Waste Management Association, 2010, 60, 497-507.	1.9	72
146	Particulate Air Pollution in Mexico City: A Detailed View. Aerosol and Air Quality Research, 2010, 10, 193-211.	2.1	36
147	Remote Sensing of Particulate Pollution from Space: Have We Reached the Promised Land?. Journal of the Air and Waste Management Association, 2009, 59, 1130-1139.	1.9	43
148	In-Plume Emission Test Stand 2: Emission Factors for 10- to 100-kW U.S. Military Generators. Journal of the Air and Waste Management Association, 2009, 59, 1446-1457.	1.9	17
149	Fine Particle Receptor Modeling in the Atmosphere of Mexico City. Journal of the Air and Waste Management Association, 2009, 59, 1417-1428.	1.9	13
150	Characterization of winter airborne particles at Emperor Qin's Terra-cotta Museum, China. Science of the Total Environment, 2009, 407, 5319-5327.	8.0	35
151	Emissions of gas- and particle-phase polycyclic aromatic hydrocarbons (PAHs) in the Shing Mun Tunnel, Hong Kong. Atmospheric Environment, 2009, 43, 6343-6351.	4.1	139
152	Seasonal variations and sources of mass and chemical composition for PM10 aerosol in Hangzhou, China. Particuology, 2009, 7, 161-168.	3.6	124
153	Methods to Assess Carbonaceous Aerosol Sampling Artifacts for IMPROVE and Other Long-Term Networks. Journal of the Air and Waste Management Association, 2009, 59, 898-911.	1.9	112
154	Organic Molecular Compositions and Size Distributions of Chinese Summer and Autumn Aerosols from Nanjing: Characteristic Haze Event Caused by Wheat Straw Burning. Environmental Science & Technology, 2009, 43, 6493-6499.	10.0	90
155	Aerosol light absorption, black carbon, and elemental carbon at the Fresno Supersite, California. Atmospheric Research, 2009, 93, 874-887.	4.1	123
156	Black carbon relationships with emissions and meteorology in Xi'an, China. Atmospheric Research, 2009, 94, 194-202.	4.1	172
157	Emissions of trace gases and aerosols during the open combustion of biomass in the laboratory. Journal of Geophysical Research, 2009, 114, .	3.3	336
158	Elemental composition of airborne aerosols at a traffic site and a suburban site in Hong Kong. International Journal of Environment and Pollution, 2009, 36, 166.	0.2	14
159	Characterization of Atmospheric Ammonia over Xiâ€™an, China. Aerosol and Air Quality Research, 2009, 9, 277-289.	2.1	64
160	Continuous and filter-based measurements of PM2.5 nitrate and sulfate at the Fresno Supersite. Environmental Monitoring and Assessment, 2008, 144, 179-189.	2.7	23
161	Chemical characteristics of carbonaceous aerosols during dust storms over Xiâ€™an in China. Advances in Atmospheric Sciences, 2008, 25, 847-855.	4.3	11
162	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, 217-227.	3.7	133

#	Article	IF	Citations
163	Relationship between indoor, outdoor, and personal fine particle concentrations for individuals with COPD and predictors of indoor-outdoor ratio in Mexico city. Journal of Exposure Science and Environmental Epidemiology, 2008, 18, 109-115.	3.9	17
164	Estimating aerosol light scattering at the Fresno Supersite. Atmospheric Environment, 2008, 42, 1186-1196.	4.1	19
165	New Directions: Beyond compliance air quality measurements. Atmospheric Environment, 2008, 42, 5166-5168.	4.1	22
166	A hybrid ARIMA and artificial neural networks model to forecast particulate matter in urban areas: The case of Temuco, Chile. Atmospheric Environment, 2008, 42, 8331-8340.	4.1	298
167	Fossil and contemporary fine particulate carbon fractions at 12 rural and urban sites in the United States. Journal of Geophysical Research, 2008, 113, .	3.3	147
168	Generation and Characterization of Gasoline Engine Exhaust Inhalation Exposure Atmospheres. Inhalation Toxicology, 2008, 20, 1157-1168.	1.6	22
169	Size-resolved aerosol chemical concentrations at rural and urban sites in Central California, USA. Atmospheric Research, 2008, 90, 243-252.	4.1	33
170	Hot Filter/Impinger and Dilution Sampling for Fine Particulate Matter Characterization from Ferrous Metal Casting Processes. Journal of the Air and Waste Management Association, 2008, 58, 553-561.	1.9	4
171	Health Effects of Organic Aerosols. Inhalation Toxicology, 2008, 20, 257-288.	1.6	413
172	Advances in Integrated and Continuous Measurements for Particle Mass and Chemical Composition. Journal of the Air and Waste Management Association, 2008, 58, 141-163.	1.9	91
173	Source Apportionment: Findings from the U.S. Supersites Program. Journal of the Air and Waste Management Association, 2008, 58, 265-288.	1.9	202
174	Air Quality Measurements from the Southern Particulate Matter Supersite in Taiwan. Aerosol and Air Quality Research, 2008, 8, 233-264.	2.1	36
175	Dilution-Based Emissions Sampling from Stationary Sources: Part 2â€"Gas-Fired Combustors Compared with Other Fuel-Fired Systems. Journal of the Air and Waste Management Association, 2007, 57, 79-93.	1.9	27
176	RECEPTOR MODELS FOR SOURCE APPORTIONMENT OF SUSPENDED PARTICLES. , 2007, , 273-310.		3
177	Evaluation of the thermal/optical reflectance method for discrimination between char- and soot-EC. Chemosphere, 2007, 69, 569-574.	8.2	249
178	Evaluation of the thermal/optical reflectance method for quantification of elemental carbon in sediments. Chemosphere, 2007, 69, 526-533.	8.2	93
179	The IMPROVE_A Temperature Protocol for Thermal/Optical Carbon Analysis: Maintaining Consistency with a Long-Term Database. Journal of the Air and Waste Management Association, 2007, 57, 1014-1023.	1.9	656
180	Dilution-Based Emissions Sampling from Stationary Sources: Part 2â€"Gas-Fired Combustors Compared with Other Fuel-Fired Systems. Journal of the Air and Waste Management Association, 2007, 57, 65-78.	1.9	43

#	Article	IF	Citations
181	Will the Circle Be Unbroken: A History of the U.S. National Ambient Air Quality Standards. Journal of the Air and Waste Management Association, 2007, 57, 1151-1163.	1.9	100
182	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, 1521-1541.	1.7	131
183	Evaluations of the Chemical Mass Balance Method for Determining Contributions of Gasoline and Diesel Exhaust to Ambient Carbonaceous Aerosols. Journal of the Air and Waste Management Association, 2007, 57, 721-740.	1.9	72
184	Emissions from Laboratory Combustion of Wildland Fuels:Â Emission Factors and Source Profiles. Environmental Science & Technology, 2007, 41, 4317-4325.	10.0	192
185	In Memory of A&WMA Member Charles W. Lewis 1938-2007. Journal of the Air and Waste Management Association, 2007, 57, 267-267.	1.9	0
186	Variations in Speciated Emissions from Spark-Ignition and Compression-Ignition Motor Vehicles in Californiaâ€™s South Coast Air Basin. Journal of the Air and Waste Management Association, 2007, 57, 705-720.	1.9	105
187	Dicarboxylic acids, ketocarboxylic acids, and dicarbonyls in the urban atmosphere of China. Journal of Geophysical Research, 2007, 112, .	3.3	144
188	Quantifying PM2.5Source Contributions for the San Joaquin Valley with Multivariate Receptor Models. Environmental Science & Technology, 2007, 41, 2818-2826.	10.0	129
189	Measurement of Ultrafine and Fine Particle Black Carbon and its Optical Properties. , 2007, , 684-688.		1
190	Review of Measurement Methods and Compositions for Ultrafine Particles. Aerosol and Air Quality Research, 2007, 7, 121-173.	2.1	58
191	Size-resolved Aerosol Chemical Concentrations at Rural and Urban Sites in Central California, USA. , 2007, , 679-683.		0
192	A Special Issue of the Journal of the Air & Waste Management Association on the Particulate Matter Supersites Program and Related Studies. Journal of the Air and Waste Management Association, 2006, 56, 369-369.	1.9	2
193	Feasibility of Soil Dust Source Apportionment by the Pyrolysis-Gas Chromatography/Mass Spectrometry Method. Journal of the Air and Waste Management Association, 2006, 56, 1230-1242.	1.9	7
194	Particle emissions from laboratory combustion of wildland fuels: In situ optical and mass measurements. Geophysical Research Letters, 2006, 33, .	4.0	48
195	PM2.5chemical composition and spatiotemporal variability during the California Regional PM10/PM2.5Air Quality Study (CRPAQS). Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	129
196	Health Effects of Fine Particulate Air Pollution: Lines that Connect. Journal of the Air and Waste Management Association, 2006, 56, 1368-1380.	1.9	227
197	Nanoparticle and Ultrafine Particle Events at the Fresno Supersite. Journal of the Air and Waste Management Association, 2006, 56, 417-430.	1.9	48
198	Particulate carbon measurements in Californiaâ€™s San Joaquin Valley. Chemosphere, 2006, 62, 337-348.	8.2	45

#	Article	IF	Citations
199	Morphology and elemental composition of dustfall particles inside emperor qin's terra-cotta warriors and horses museum. Particuology: Science and Technology of Particles, 2006, 4, 346-351.	0.4	8
200	Spatial distribution of PM2.5 associated organic compounds in central California. Atmospheric Environment, 2006, 40, 290-303.	4.1	89
201	Dicarboxylic acids, ketocarboxylic acids and dicarbonyls in the urban roadside area of Hong Kong. Atmospheric Environment, 2006, 40, 3030-3040.	4.1	146
202	Multi-year trend in fine and coarse particle mass, carbon, and ions in downtown Tokyo, Japan. Atmospheric Environment, 2006, 40, 2478-2487.	4.1	58
203	Seasonal variations and mass closure analysis of particulate matter in Hong Kong. Science of the Total Environment, 2006, 355, 276-287.	8.0	102
204	Variations of nanoparticle concentrations at the Fresno Supersite. Science of the Total Environment, 2006, 358, 178-187.	8.0	33
205	Generation and Characterization of Hardwood Smoke Inhalation Exposure Atmospheres. Aerosol Science and Technology, 2006, 40, 573-584.	3.1	24
206	PM2.5and PM10Mass Measurements in California's San Joaquin Valley. Aerosol Science and Technology, 2006, 40, 796-810.	3.1	48
207	Correlation ofin VitroCytokine Responses with the Chemical Composition of Soil-Derived Particulate Matter. Environmental Health Perspectives, 2006, 114, 341-349.	6.0	93
208	Measurement of Both Nonvolatile and Semi-Volatile Fractions of Fine Particulate Matter in Fresno, CA. Aerosol Science and Technology, 2006, 40, 811-826.	3.1	50
209	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, 517-542.	1.7	41
210	Air Quality Measurements for the Aerosol Research and Inhalation Epidemiology Study. Journal of the Air and Waste Management Association, 2006, 56, 1445-1458.	1.9	64
211	Comparison of Particle Light Scattering and Fine Particulate Matter Mass in Central California. Journal of the Air and Waste Management Association, 2006, 56, 398-410.	1.9	33
212	Comparison of Continuous and Filter-Based Carbon Measurements at the Fresno Supersite. Journal of the Air and Waste Management Association, 2006, 56, 474-491.	1.9	86
213	Health Effects of Fine Particulate Air Pollution: Lines that Connect. Journal of the Air and Waste Management Association, 2006, 56, 707-708.	1.9	64
214	Characterization of Roadside Fine Particulate Carbon and its Eight Fractions in Hong Kong. Aerosol and Air Quality Research, 2006, 6, 106-122.	2.1	93
215	Seasonal characteristics and regional transport of PM in Hong Kong. Atmospheric Environment, 2005, 39, 1695-1695.	4.1	124
216	PM2.5 chemical composition in Hong Kong: urban and regional variations. Science of the Total Environment, 2005, 338, 267-281.	8.0	108

#	Article	IF	Citations
217	Composition of indoor aerosols at emperor qin's terra-cotta museum, xi'an, china, during summer, 2004. Particuology: Science and Technology of Particles, 2005, 3, 170-175.	0.4	29
218	Characterization of Fine Particulate Emissions from Casting Processes. Aerosol Science and Technology, 2005, 39, 947-959.	3.1	25
219	Reference Material 8785: Air Particulate Matter on Filter Media. Aerosol Science and Technology, 2005, 39, 173-183.	3.1	44
220	Nanoparticles and the Environment. Journal of the Air and Waste Management Association, 2005, 55, 1411-1417.	1.9	32
221	Loss of PM_{2.5} Nitrate from Filter Samples in Central California. Journal of the Air and Waste Management Association, 2005, 55, 1158-1168.	1.9	99
222	Seasonal and Spatial Variation of Solvent Extractable Organic Compounds in Fine Suspended Particulate Matter in Hong Kong. Journal of the Air and Waste Management Association, 2005, 55, 291-301.	1.9	14
223	Nanoparticles and the Environment. Journal of the Air and Waste Management Association, 2005, 55, 706-707.	1.9	4
224	Evaluation of 1047-nm Photoacoustic Instruments and Photoelectric Aerosol Sensors in Source-Sampling of Black Carbon Aerosol and Particle-Bound PAHs from Gasoline and Diesel Powered Vehicles. Environmental Science & Technology, 2005, 39, 5398-5406.	10.0	53
225	Determination of the organic aerosol mass to organic carbon ratio in IMPROVE samples. Chemosphere, 2005, 60, 485-496.	8.2	102
226	Comparison of PM2.5 carbon measurement methods in Hong Kong, China. Environmental Pollution, 2005, 137, 334-344.	7.5	64
227	Characterization of airborne carbonate over a site near Asian dust source regions during spring 2002 and its climatic and environmental significance. Journal of Geophysical Research, 2005, 110, .	3.3	117
228	Summary of Organic and Elemental Carbon/Black Carbon Analysis Methods and Intercomparisons. Aerosol and Air Quality Research, 2005, 5, 65-102.	2.1	304
229	Spatial and seasonal variations of atmospheric organic carbon and elemental carbon in Pearl River Delta Region, China. Atmospheric Environment, 2004, 38, 4447-4456.	4.1	390
230	Size and Geographical Variation in PM1, PM2.5and PM10: Source Profiles from Soils in the Western United States. Water, Air, and Soil Pollution, 2004, 157, 13-31.	2.4	20
231	Introduction to the A&WMA 2004 Critical Review Megacities and Atmospheric Pollution. Journal of the Air and Waste Management Association, 2004, 54, 642-643.	1.9	4
232	A Special Issue of the Journal of the Air & Waste Management Association on Particulate Matter: Atmospheric Sciences, Exposure, and the Fourth Colloquium on PM and Human Health. Journal of the Air and Waste Management Association, 2004, 54, 1025-1025.	1.9	2
233	Generation and Characterization of Four Dilutions of Diesel Engine Exhaust for a Subchronic Inhalation Study. Environmental Science & Technology, 2004, 38, 2513-2522.	10.0	87
234	Equivalence of Elemental Carbon by Thermal/Optical Reflectance and Transmittance with Different Temperature Protocols. Environmental Science & Technology, 2004, 38, 4414-4422.	10.0	604

#	Article	IF	Citations
235	Emissions of Air Pollutants from Household Stoves:Â Honeycomb Coal versus Coal Cake. Environmental Science & Technology, 2004, 38, 4612-4618.	10.0	95
236	Analysis of PM_{2.5}and PM₁₀ in the Atmosphere of Mexico City during 2000-2002. Journal of the Air and Waste Management Association, 2004, 54, 786-798.	1.9	63
237	Measurement of Ultrafine Particle Size Distributions from Coal-, Oil-, and Gas-Fired Stationary Combustion Sources. Journal of the Air and Waste Management Association, 2004, 54, 1494-1505.	1.9	97
238	Source profiles for industrial, mobile, and area sources in the Big Bend Regional Aerosol Visibility and Observational study. Chemosphere, 2004, 54, 185-208.	8.2	447
239	Modeling reflectance and transmittance of quartz-fiber filter samples containing elemental carbon particles: Implications for thermal/optical analysis. Journal of Aerosol Science, 2004, 35, 765-780.	3.8	70
240	Characterization of chemical species in PM2.5 and PM10 aerosols in Hong Kong. Atmospheric Environment, 2003, 37, 31-39.	4.1	311
241	The Treasure Valley secondary aerosol study II: modeling of the formation of inorganic secondary aerosols and precursors for southwestern Idaho. Atmospheric Environment, 2003, 37, 525-534.	4.1	33
242	Similarities and differences in PM10 chemical source profiles for geological dust from the San Joaquin Valley, California. Atmospheric Environment, 2003, 37, 1317-1340.	4.1	131
243	Soil sample collection and analysis for the Fugitive Dust Characterization Study. Atmospheric Environment, 2003, 37, 1163-1173.	4.1	46
244	Characterization of PM10 and PM2.5 source profiles for fugitive dust in Hong Kong. Atmospheric Environment, 2003, 37, 1023-1032.	4.1	194
245	Introduction to Special Topic: Weekend and Weekday Differences in Ozone Levels. Journal of the Air and Waste Management Association, 2003, 53, 771-771.	1.9	13
246	Emissions from Charbroiling and Grilling of Chicken and Beef. Journal of the Air and Waste Management Association, 2003, 53, 185-194.	1.9	116
247	Separation and Capture of CO₂ from Large Stationary Sources and Sequestration in Geological Formations. Journal of the Air and Waste Management Association, 2003, 53, 643-644.	1.9	14
248	Analysis of a Summertime PM_{2.5} and Haze Episode in the Mid-Atlantic Region. Journal of the Air and Waste Management Association, 2003, 53, 946-956.	1.9	85
249	Separation and Capture of CO₂from Large Stationary Sources and Sequestration in Geological Formations. Journal of the Air and Waste Management Association, 2003, 53, 1172-1182.	1.9	33
250	Air Pollution and Heart Rate Variability Among the Elderly in Mexico City. Epidemiology, 2003, 14, 521-527.	2.7	157
251	Particle Size Relationships at the Fresno Supersite. Journal of the Air and Waste Management Association, 2002, 52, 822-827.	1.9	29
252	Spatial Differences in Outdoor PM₁₀ Mass and Aerosol Composition in Mexico City. Journal of the Air and Waste Management Association, 2002, 52, 423-434.	1.9	50

#	Article	IF	Citations
253	Introduction to the A&WMA 2002 Critical Review Visibility: Science and Regulation. Journal of the Air and Waste Management Association, 2002, 52, 626-627.	1.9	16
254	Review of PM2.5 and PM10 Apportionment for Fossil Fuel Combustion and Other Sources by the Chemical Mass Balance Receptor Model. Energy & Fuels, 2002, 16, 222-260.	5.1	240
255	Simulating Changes in Source Profiles from Coal-Fired Power Stations:â€‰ Use in Chemical Mass Balance of PM2.5 in the Mount Zirkel Wilderness. Energy & Fuels, 2002, 16, 311-324.	5.1	25
256	Evaluation of OC/EC Speciation by Thermal Manganese Dioxide Oxidation and the IMPROVE Method. Journal of the Air and Waste Management Association, 2002, 52, 1333-1341.	1.9	101
257	Comparison and evaluation of in situ and filter carbon measurements at the Fresno Supersite. Journal of Geophysical Research, 2002, 107, ICC 3-1-ICC 3-15.	3.3	74
258	PM2.5 carbonate concentrations at regionally representative Interagency Monitoring of Protected Visual Environment sites. Journal of Geophysical Research, 2002, 107, ICC 6-1-ICC 6-9.	3.3	109
259	Visibility: Science and Regulation. Journal of the Air and Waste Management Association, 2002, 52, 973-999.	1.9	60
260	Chapter one: exposure measurements. Chemosphere, 2002, 49, 873-901.	8.2	41
261	Designing monitoring networks to represent outdoor human exposure. Chemosphere, 2002, 49, 961-978.	8.2	82
262	Receptor modeling application framework for particle source apportionment. Chemosphere, 2002, 49, 1093-1136.	8.2	238
263	Monitoring of particulate matter outdoors. Chemosphere, 2002, 49, 1009-1043.	8.2	179
264	Chemical composition of PM2.5 and PM10 in Mexico City during winter 1997. Science of the Total Environment, 2002, 287, 177-201.	8.0	191
265	A wintertime PM2.5 episode at the Fresno, CA, supersite. Atmospheric Environment, 2002, 36, 465-475.	4.1	113
266	Origins of fine aerosol mass in the Baltimoreâ€“Washington corridor: implications from observation, factor analysis, and ensemble air parcel back trajectories. Atmospheric Environment, 2002, 36, 4541-4554.	4.1	100
267	The comparison of source contributions from residential coal and low-smoke fuels, using CMB modeling, in South Africa. Environmental Science and Policy, 2002, 5, 157-167.	4.9	35
268	Comparability between PM2.5 and particle light scattering measurements. Environmental Monitoring and Assessment, 2002, 79, 29-45.	2.7	45
269	Seasonal variations in elemental carbon aerosol, carbon monoxide and sulfur dioxide: Implications for sources. Geophysical Research Letters, 2001, 28, 1711-1714.	4.0	139
270	PM2.5 chemical source profiles for vehicle exhaust, vegetative burning, geological material, and coal burning in Northwestern Colorado during 1995. Chemosphere, 2001, 43, 1141-1151.	8.2	519

#	Article	IF	Citations
271	Sources of PM10 and sulfate aerosol at McMurdo station, Antarctica. Chemosphere, 2001, 45, 347-356.	8.2	39
272	Source characterization of major emission sources in the Imperial and Mexicali Valleys along the US/Mexico border. Science of the Total Environment, 2001, 276, 33-47.	8.0	205
273	Zones of representation for PM10 measurements along the US/Mexico border. Science of the Total Environment, 2001, 276, 49-68.	8.0	26
274	Comparison of IMPROVE and NIOSH Carbon Measurements. Aerosol Science and Technology, 2001, 34, 23-34.	3.1	810
275	Chemical Composition of Aerosols from Kerosene Heaters Burning Jet Fuels. Aerosol Science and Technology, 2001, 35, 949-957.	3.1	8
276	Estimating Middle-, Neighborhood-, and Urban-Scale Contributions to Elemental Carbon in Mexico City with a Rapid Response Aethalometer. Journal of the Air and Waste Management Association, 2001, 51, 1522-1528.	1.9	40
277	Aerosol Chemical and Optical Properties during the Mt. Zirkel Visibility Study. Journal of Environmental Quality, 2001, 30, 1118-1125.	2.0	16
278	Diesel Engines: Environmental Impact and Controlâ€"A Critical Review Introduction. Journal of the Air and Waste Management Association, 2001, 51, 807-808.	1.9	4
279	Analysis of Temporal and Spatial Dichotomous PM Air Samples in the El Paso-Cd. Juarez Air Quality Basin. Journal of the Air and Waste Management Association, 2001, 51, 1551-1560.	1.9	36
280	A Special Issue from the NARSTO Symposium on Tropospheric Aerosols. Journal of the Air and Waste Management Association, 2001, 51, 1506-1507.	1.9	0
281	PM2.5 and PM10 concentrations from the Qalabotjha low-smoke fuels macro-scale experiment in South Africa. Environmental Monitoring and Assessment, 2001, 69, 1-15.	2.7	36
282	PM10 measurements at McMurdo Station, Antarctica. Atmospheric Environment, 2001, 35, 1891-1902.	4.1	71
283	Review of volatile organic compound source apportionment by chemical mass balance. Atmospheric Environment, 2001, 35, 1567-1584.	4.1	443
284	Results of the â€œcarbon conferenceâ€•international aerosol carbon round robin test stage I. Atmospheric Environment, 2001, 35, 2111-2121.	4.1	419
285	Polycyclic aromatic hydrocarbons (PAHs) and carbonyl compounds in urban atmosphere of Hong Kong. Atmospheric Environment, 2001, 35, 5949-5960.	4.1	138
286	Black Carbon Aerosol at McMurdo Station, Antarctica. Journal of the Air and Waste Management Association, 2001, 51, 593-600.	1.9	26
287	Diesel Engines: Environmental Impact and Control. Journal of the Air and Waste Management Association, 2001, 51, 1258-1270.	1.9	23
288	Comparison of IMPROVE and NIOSH Carbon Measurements. Aerosol Science and Technology, 2001, 34, 23-34.	3.1	24

#	Article	IF	Citations
289	Cross-border transport and spatial variability of suspended particles in Mexicali and California's Imperial Valley. Atmospheric Environment, 2000, 34, 1833-1843.	4.1	55
290	Aerosol vanadium at McMurdo Station, Antarctica:. Atmospheric Environment, 2000, 34, 677-679.	4.1	5
291	Air Quality Measurements from the Fresno Supersite. Journal of the Air and Waste Management Association, 2000, 50, 1321-1334.	1.9	71
292	Light absorption by black sand dust. Applied Optics, 2000, 39, 4232.	2.1	5
293	Modelling PM10 aerosol data from the Qalabotjha low-smoke fuels macro-scale experiment in South Africa. Ecological Modelling, 2000, 127, 235-244.	2.5	15
294	PM₁₀ Dispersion Modeling for Treasure Valley, Idaho. Journal of the Air and Waste Management Association, 2000, 50, 1335-1344.	1.9	4
295	Fine Particle and Gaseous Emission Rates from Residential Wood Combustion. Environmental Science & Technology, 2000, 34, 2080-2091.	10.0	519
296	Middle- and Neighborhood-Scale Variations of PM₁₀ Source Contributions in Las Vegas, Nevada. Journal of the Air and Waste Management Association, 1999, 49, 641-654.	1.9	34
297	Temporal Variations of PM_{2.5}, PM₁₀, and Gaseous Precursors during the 1995 Integrated Monitoring Study in Central California. Journal of the Air and Waste Management Association, 1999, 49, 16-24.	1.9	42
298	Long-Term Efficiencies of Dust Suppressants to Reduce PM₁₀ Emissions from Unpaved Roads. Journal of the Air and Waste Management Association, 1999, 49, 3-16.	1.9	66
299	Ambient Air Quality at Barton Flats and Other California Forests. Ecological Studies, 1999, , 81-105.	1.2	8
300	Spatial and temporal variations of particulate precursor gases and photochemical reaction products during SJVAQS/AUSPEX ozone episodes. Atmospheric Environment, 1998, 32, 2835-2844.	4.1	32
301	Chemical Mass Balance Source Apportionment of Lead in House Dust. Environmental Science & Technology, 1998, 32, 108-114.	10.0	84
302	Vertical Gradients of Pollutant Concentrations and Deposition Fluxes on a Tall Limestone Building. Journal of the American Institute for Conservation, 1998, 37, 187-210.	0.5	7
303	Vertical Gradients of Pollutant Concentrations and Deposition Fluxes on a Tall Limestone Building. Journal of the American Institute for Conservation, 1998, 37, 187.	0.5	5
304	Ambient Particles and Health: Lines that Divide. Journal of the Air and Waste Management Association, 1997, 47, 995-1008.	1.9	14
305	PM-10 Exhaust Samples Collected during IM-240 Dynamometer Tests of In-Service Vehicles in Nevada. Environmental Science & Technology, 1997, 31, 75-83.	10.0	53
306	Sources and chemistry of PM10 aerosol in Santa Barbara County, CA. Atmospheric Environment, 1996, 30, 1489-1499.	4.1	85

#	Article	IF	Citations
307	Descriptive analysis of PM2.5 and PM10 at regionally representative locations during SJVAQS/AUSPEX. Atmospheric Environment, 1996, 30, 2079-2112.	4.1	517
308	Measurement Methods to Determine Compliance with Ambient Air Quality Standards for Suspended Particles. Journal of the Air and Waste Management Association, 1995, 45, 666-684.	1.9	10
309	Source Apportionment of Wintertime PM10at San Jose, Calif.. Journal of Environmental Engineering, ASCE, 1995, 121, 378-387.	1.4	17
310	Sensitivity of estimated light extinction coefficients to model assumptions and measurement errors. Atmospheric Environment, 1995, 29, 751-766.	4.1	76
311	Receptor model and emissions inventory source apportionments of nonmethane organic gases in California's San Joaquin valley and San Francisco bay area. Atmospheric Environment, 1995, 29, 3019-3035.	4.1	88
312	Measurement Methods to Determine Compliance with Ambient Air Quality Standards for Suspended Particles. Journal of the Air and Waste Management Association, 1995, 45, 320-382.	1.9	571
313	Evaluation of filter-based aerosol measurements during the 1987 Southern California Air Quality Study. Environmental Monitoring and Assessment, 1994, 30, 49-80.	2.7	60
314	A laboratory resuspension chamber to measure fugitive dust size distributions and chemical compositions. Atmospheric Environment, 1994, 28, 3463-3481.	4.1	149
315	Temporal and spatial variations of PM2.5 and PM10 aerosol in the Southern California air quality study. Atmospheric Environment, 1994, 28, 2061-2080.	4.1	417
316	Ammonium Nitrate, Nitric Acid, and Ammonia Equilibrium in Wintertime Phoenix, Arizona. Journal of the Air and Waste Management Association, 1994, 44, 405-412.	0.6	66
317	A combined TTFA/CMB receptor modeling approach and its application to air pollution sources in China. Atmospheric Environment, 1994, 28, 1425-1435.	4.1	22
318	Characterization of heavy-duty diesel vehicle emissions. Atmospheric Environment, 1994, 28, 731-743.	4.1	144
319	Elevation of Stress-Inducible Heat Shock Protein 70 in the Rat Lung After Exposure to Ozone and Particle-Containing Atmospheres. Inhalation Toxicology, 1994, 6, 501-514.	1.6	8
320	Chemical Mass Balance Source Apportionment of PM10during the Southern California Air Quality Study. Aerosol Science and Technology, 1994, 21, 1-36.	3.1	192
321	Validation of the Chemical Mass Balance Receptor Model Applied to Hydrocarbon Source Apportionment in the Southern California Air Quality Study. Environmental Science & Technology, 1994, 28, 1633-1649.	10.0	84
322	The dri thermal/optical reflectance carbon analysis system: description, evaluation and applications in U.S. Air quality studies. Atmospheric Environment Part A General Topics, 1993, 27, 1185-1201.	1.3	1,008
323	A fineâ€particle sodium tracer for longâ€range transport of the Kuwaiti oilâ€fire smoke. Geophysical Research Letters, 1993, 20, 691-693.	4.0	9
324	PM10and PM2.5Compositions in California's San Joaquin Valley. Aerosol Science and Technology, 1993, 18, 105-128.	3.1	181

#	Article	IF	Citations
325	PM₁₀Standards and Nontraditional Particulate Source Controls: A Summary of the A&WMA/EPA International Specialty Conference. Journal of the Air and Waste Management Association, 1993, 43, 74-84.	0.6	14
326	Particle-Size Distribution of Chromium: Total and Hexavalent Chromium in Inspirable, Thoracic, and Respirable Soil Particles from Contaminated Sites in New Jersey. Aerosol Science and Technology, 1992, 17, 213-229.	3.1	21
327	PM10 source apportionment in California's San Joaquin valley. Atmospheric Environment Part A General Topics, 1992, 26, 3335-3354.	1.3	150
328	A neighborhood-scale study of PM10 source contributions in Rubidoux, California. Atmospheric Environment Part A General Topics, 1992, 26, 693-706.	1.3	51
329	The effects of collinearity on the ability to determine aerosol contributions from diesel- and gasoline-powered vehicles using the Chemical Mass Balance model. Atmospheric Environment Part A General Topics, 1992, 26, 2341-2351.	1.3	23
330	Size-segregated fine particle measurements by chemical species and their impact on visibility impairment in Denver. Atmospheric Environment Part A General Topics, 1991, 25, 1013-1024.	1.3	148
331	Chemical Mass Balance. Data Handling in Science and Technology, 1991, , 83-116.	3.1	45
332	Evaluation of Regenerative-air Vacuum Street Sweeping on Geological Contributions to PM₁₀. Journal of the Air and Waste Management Association, 1990, 40, 1134-1142.	0.1	30
333	Intercomparison of ambient aerosol samplers used in western visibility and air quality studies. Environmental Science & Technology, 1990, 24, 1090-1099.	10.0	19
334	Receptor Models in Air Resources Management: A Summary of the APCA International Specialty Conference. Japca, 1989, 39, 419-426.	0.3	12
335	The Effect of Sampling Inlets on the PM-10 and PM-15 to TSP Concentration Ratios. Journal of the Air Pollution Control Association, 1983, 33, 114-119.	0.5	25
336	Air Pollution in the Republic of China (Taiwan). Journal of the Air Pollution Control Association, 1983, 33, 768-770.	0.5	3
337	Particle and Gas Measurements on Filters. , 0, , 124-161.		7
338	Mass reconstruction methods for PM2.5: a review. , 0, .		1