Philip K. Hopke

List of Publications by Citations

857 papers	33,991 citations	78 h-index	148 g-index
934 ext. papers	38,134 ext. citations	5.5 avg, IF	7.53 L-index

#	Paper	IF	Citations
857	Bounding the role of black carbon in the climate system: A scientific assessment. *Journal of Geophysical Research D: Atmospheres*, **2013**, 118, 5380-5552	4.4	3330
856	Ambient Air Pollution Exposure Estimation for the Global Burden of Disease 2013. *Environmental Science & Technology*, **2016**, 50, 79-88	10.3	682
855	Source apportionment of particulate matter in Europe: A review of methods and results. *Journal of Aerosol Science*, **2008**, 39, 827-849	4.3	674
854	Atmospheric aerosol over Alaska: 2. Elemental composition and sources. *Journal of Geophysical Research*, **1998**, 103, 19045-19057		574
853	Discarding or downweighting high-noise variables in factor analytic models. *Analytica Chimica Acta*, **2003**, 490, 277-289	6.6	447
852	Quantifying road dust resuspension in urban environment by Multilinear Engine: A comparison with PMF2. *Atmospheric Environment*, **2009**, 43, 2770-2780	5.3	404
851	Critical review and meta-analysis of ambient particulate matter source apportionment using receptor models in Europe. *Atmospheric Environment*, **2013**, 69, 94-108	5.3	382
850	Atmospheric aerosol over Vermont: chemical composition and sources. *Environmental Science & Technology*, **2001**, 35, 4604-21	10.3	335
849	Review of receptor model fundamentals. *Atmospheric Environment*, **1984**, 18, 1507-1515		327
848	Understanding and controlling rotations in factor analytic models. *Chemometrics and Intelligent Laboratory Systems*, **2002**, 60, 253-264	3.8	295
847	Comparison of hybrid receptor models to locate PCB sources in Chicago. *Atmospheric Environment*, **2003**, 37, 545-562	5.3	291
846	Classification of Single Particles Analyzed by ATOFMS Using an Artificial Neural Network, ART-2A. *Analytical Chemistry*, **1999**, 71, 860-865	7.8	273
845	Review of receptor modeling methods for source apportionment. *Journal of the Air and Waste Management Association*, **2016**, 66, 237-59	2.4	269
844	Source identification of atlanta aerosol by positive matrix factorization. *Journal of the Air and Waste Management Association*, **2003**, 53, 731-9	2.4	264
843	Multielemental characterization of urban roadway dust. *Environmental Science & Technology*, **1980**, 14, 164-172	10.3	261
842	Sources of fine particle composition in the northeastern US. *Atmospheric Environment*, **2001**, 35, 5277-5286	3.3	251
841	Recent developments in receptor modeling. *Journal of Chemometrics*, **2003**, 17, 255-265	1.6	237

840	Investigation of sources of atmospheric aerosol at urban and suburban residential areas in Thailand by positive matrix factorization. *Atmospheric Environment*, **2000**, 34, 3319-3329	5.3	224
839	Source apportionment of PM_{2.5} in Seoul, Korea. *Atmospheric Chemistry and Physics*, **2009**, 9, 4957-4971	6.8	221
838	Comparison of the effects of e-cigarette vapor and cigarette smoke on indoor air quality. *Inhalation Toxicology*, **2012**, 24, 850-7	2.7	215
837	Source regions for atmospheric aerosol measured at Barrow, Alaska. *Environmental Science & Technology*, **2001**, 35, 4214-26	10.3	215
836	Fine particle sources and cardiorespiratory morbidity: an application of chemical mass balance and factor analytical source-apportionment methods. *Environmental Health Perspectives*, **2008**, 116, 459-66	8.4	210
835	Characterization of the Gent Stacked Filter Unit PM10 Sampler. *Aerosol Science and Technology*, **1997**, 27, 726-735	3.4	209
834	The use of multivariate analysis to identify sources of selected elements in the Boston urban aerosol. *Atmospheric Environment*, **1976**, 10, 1015-25		199
833	Investigation of sources of atmospheric aerosol at urban and semi-urban areas in Bangladesh. *Atmospheric Environment*, **2004**, 38, 3025-3038	5.3	195
832	Recent developments in CANDECOMP/PARAFAC algorithms: a critical review. *Chemometrics and Intelligent Laboratory Systems*, **2003**, 65, 119-137	3.8	183
831	A study of the sources of acid precipitation in Ontario, Canada. *Atmospheric Environment*, **1989**, 23, 1499-1509		182
830	The comparison between thermal-optical transmittance elemental carbon and Aethalometer black carbon measured at multiple monitoring sites. *Atmospheric Environment*, **2004**, 38, 5193-5204	5.3	177
829	Improving source identification of Atlanta aerosol using temperature resolved carbon fractions in positive matrix factorization. *Atmospheric Environment*, **2004**, 38, 3349-3362	5.3	171
828	Identification of sources of Phoenix aerosol by positive matrix factorization. *Journal of the Air and Waste Management Association*, **2000**, 50, 1308-20	2.4	164
827	A graphical diagnostic method for assessing the rotation in factor analytical models of atmospheric pollution. *Atmospheric Environment*, **2005**, 39, 193-201	5.3	162
826	PM source apportionment and health effects: 1. Intercomparison of source apportionment results. *Journal of Exposure Science and Environmental Epidemiology*, **2006**, 16, 275-86	6.7	155
825	Ambient fine particulate air pollution triggers ST-elevation myocardial infarction, but not non-ST elevation myocardial infarction: a case-crossover study. *Particle and Fibre Toxicology*, **2014**, 11, 1	8.4	151
824	Identification of fulvic acids and sulfated and nitrated analogues in atmospheric aerosol by electrospray ionization fourier transform ion cyclotron resonance mass spectrometry. *Analytical Chemistry*, **2006**, 78, 8299-304	7.8	139
823	Urban air quality in the Asian region. *Science of the Total Environment*, **2008**, 404, 103-12	10.2	133

822	Apportioning sources of PM2.5 in St. Louis, MO using speciation trends network data. *Atmospheric Environment*, **2006**, 40, 360-377	5.3	132
821	Source identification of PM2.5 in an arid Northwest U.S. City by positive matrix factorization. *Atmospheric Research*, **2003**, 66, 291-305	5.4	132
820	Qualitative determination of source regions of aerosol in Canadian high Arctic. *Environmental Science & Technology*, **1993**, 27, 2063-2071	10.3	129
819	Comparative application of multiple receptor methods to identify aerosol sources in northern Vermont. *Environmental Science & Technology*, **2001**, 35, 4622-36	10.3	125
818	Rotational tools for factor analytic models. *Journal of Chemometrics*, **2009**, 23, 91-100	1.6	123
817	Workgroup report: workshop on source apportionment of particulate matter health effects--intercomparison of results and implications. *Environmental Health Perspectives*, **2005**, 113, 1768-74	8.4	122
816	PM source apportionment and health effects: 2. An investigation of intermethod variability in associations between source-apportioned fine particle mass and daily mortality in Washington, DC. *Journal of Exposure Science and Environmental Epidemiology*, **2006**, 16, 300-10	6.7	121
815	PM source apportionment and health effects. 3. Investigation of inter-method variations in associations between estimated source contributions of PM2.5 and daily mortality in Phoenix, AZ. *Journal of Exposure Science and Environmental Epidemiology*, **2006**, 16, 311-20	6.7	120
814	Evaluation of the potential source contribution function using the 2002 Quebec forest fire episode. *Atmospheric Environment*, **2005**, 39, 3719-3724	5.3	120
813	Characteristics of the major chemical constituents of PM2.5 and smog events in Seoul, Korea in 2003 and 2004. *Atmospheric Environment*, **2007**, 41, 6762-6770	5.3	119
812	Comparison between Conditional Probability Function and Nonparametric Regression for Fine Particle Source Directions. *Atmospheric Environment*, **2004**, 38, 4667-4673	5.3	119
811	Source apportionment of the ambient PM2.5 across St. Louis using constrained positive matrix factorization. *Atmospheric Environment*, **2012**, 46, 329-337	5.3	118
810	Estimation of source apportionment and potential source locations of PM2.5 at a west coastal IMPROVE site. *Atmospheric Environment*, **2007**, 41, 506-518	5.3	116
809	Source apportionment of fine particles in Washington, DC, utilizing temperature-resolved carbon fractions. *Journal of the Air and Waste Management Association*, **2004**, 54, 773-85	2.4	115
808	On the source contribution to Beijing PM2.5 concentrations. *Atmospheric Environment*, **2016**, 134, 84-95	5.3	114
807	Laboratory assessment of low-cost PM monitors. *Journal of Aerosol Science*, **2016**, 102, 29-40	4.3	111
806	Airflow and Deposition of Nano-Particles in a Human Nasal Cavity. *Aerosol Science and Technology*, **2006**, 40, 463-476	3.4	107
805	The concentrations and sources of PM2.5 in metropolitan New York City. *Atmospheric Environment*, **2006**, 40, 312-332	5.3	106

804	Identification of Source Nature and Seasonal Variations of Arctic Aerosol byPositive Matrix Factorization. *Journals of the Atmospheric Sciences*, **1999**, 56, 249-260	2.1	103
803	Comparison of the results obtained by four receptor modelling methods in aerosol source apportionment studies. *Atmospheric Environment*, **2009**, 43, 3989-3997	5.3	102
802	Application of PSCF and CPF to PMF-Modeled Sources of PM2.5 in Pittsburgh. *Aerosol Science and Technology*, **2006**, 40, 952-961	3.4	102
801	Sources of fine particle composition in New York city. *Atmospheric Environment*, **2004**, 38, 6521-6529	5.3	102
800	Application of modified alternating least squares regression to spectroscopic image analysis. *Analytica Chimica Acta*, **2003**, 476, 93-109	6.6	102
799	Analysis of ambient particle size distributions using Unmix and positive matrix factorization. *Environmental Science & Technology*, **2004**, 38, 202-9	10.3	98
798	The evolution of chemometrics. *Analytica Chimica Acta*, **2003**, 500, 365-377	6.6	98
797	Receptor Modeling Assessment of Particle Total Exposure Assessment Methodology Data. *Environmental Science & Technology*, **1999**, 33, 3645-3652	10.3	98
796	Increased ultrafine particles and carbon monoxide concentrations are associated with asthma exacerbation among urban children. *Environmental Research*, **2014**, 129, 11-9	7.9	97
795	A quantitative determination of sources in the Boston urban aerosol. *Atmospheric Environment*, **1980**, 14, 1137-46		97
794	Source characterization of ambient fine particles at multiple sites in the Seattle area. *Atmospheric Environment*, **2008**, 42, 6047-6056	5.3	96
793	Advanced Factor Analysis on Pittsburgh Particle Size-Distribution Data Special Issue of Aerosol Science and Technology on Findings from the Fine Particulate Matter Supersites Program. *Aerosol Science and Technology*, **2004**, 38, 118-132	3.4	96
792	Measurement of Particle-Bound Reactive Oxygen Species in Rubidoux Aerosols. *Journal of Atmospheric Chemistry*, **2005**, 50, 49-58	3.2	96
791	Initial Size Distributions and Hygroscopicity of Indoor Combustion Aerosol Particles. *Aerosol Science and Technology*, **1993**, 19, 305-316	3.4	95
790	Characterization of residential wood combustion particles using the two-wavelength aethalometer. *Environmental Science & Technology*, **2011**, 45, 7387-93	10.3	92
789	Multiple imputation for multivariate data with missing and below-threshold measurements: time-series concentrations of pollutants in the Arctic. *Biometrics*, **2001**, 57, 22-33	1.8	92
788	Locating and quantifying PCB sources in Chicago: receptor modeling and field sampling. *Environmental Science & Technology*, **2003**, 37, 681-90	10.3	89
787	Inspiratory deposition of ultrafine particles in human nasal replicate cast. *Journal of Aerosol Science*, **1992**, 23, 65-72	4.3	88

786	Source apportionment of Baltimore aerosol from combined size distribution and chemical composition data. *Atmospheric Environment*, **2006**, 40, 396-410	5.3	87
785	Spatial variability of fine particle mass, components, and source contributions during the regional air pollution study in St. Louis. *Environmental Science & Technology*, **2005**, 39, 4172-9	10.3	86
784	Review of factors impacting emission/concentration of cooking generated particulate matter. *Science of the Total Environment*, **2017**, 586, 1046-1056	10.2	85
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782	Are ambient ultrafine, accumulation mode, and fine particles associated with adverse cardiac responses in patients undergoing cardiac rehabilitation?. *Environmental Health Perspectives*, **2012**, 120, 1162-9	8.4	84
781	Impact of Middle Eastern Dust storms on human health. *Atmospheric Pollution Research*, **2017**, 8, 606-613	4.5	81
780	Characteristics of nucleation and growth events of ultrafine particles measured in Rochester, NY. *Environmental Science & Technology*, **2004**, 38, 1933-40	10.3	79
779	Measurement of total PM2.5 mass (nonvolatile plus semivolatile) with the Filter Dynamic Measurement System tapered element oscillating microbalance monitor. *Journal of Geophysical Research*, **2005**, 110,		78
778	Identification of sources contributing to Mid-Atlantic regional aerosol. *Journal of the Air and Waste Management Association*, **2002**, 52, 1186-205	2.4	78
777	Neutralization kinetics for polonium-218. *Environmental Science & Technology*, **1988**, 22, 711-717	10.3	78
776	A procedure to assess local and long-range transport contributions to PM2.5 and secondary inorganic aerosol. *Journal of Aerosol Science*, **2012**, 46, 64-76	4.3	76
775	Air pollution by fine particulate matter in Bangladesh. *Atmospheric Pollution Research*, **2013**, 4, 75-86	4.5	76
774	Long-term study of urban ultrafine particles and other pollutants. *Atmospheric Environment*, **2011**, 45, 7672-7680	5.3	75
773	Sources of chemical species in rainwater during monsoon and non-monsoonal periods over two mega cities in India and dominant source region of secondary aerosols. *Atmospheric Environment*, **2016**, 146, 90-99	5.3	75
772	Secondary organic aerosol from ozonolysis of biogenic volatile organic compounds: chamber studies of particle and reactive oxygen species formation. *Environmental Science & Technology*, **2011**, 45, 276-82	10.3	74
771	Receptor modeling of ambient and personal exposure samples: 1998 Baltimore Particulate Matter Epidemiology-Exposure Study. *Atmospheric Environment*, **2003**, 37, 3289-3302	5.3	74
770	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, 1494-505	2.4	74
769	Coal use for residential heating: Patterns, health implications and lessons learned. *Energy for Sustainable Development*, **2017**, 40, 19-30	5.4	73

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766	A determination of the sources of airborne particles collected during the regional air pollution study. *Atmospheric Environment*, **1981**, 15, 675-687		73
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764	Analysis of indoor particle size distributions in an occupied townhouse using positive matrix factorization. *Indoor Air*, **2006**, 16, 204-15	5.4	72
763	Health Risks Due to Radon in Drinking Water. *Environmental Science & Technology*, **2000**, 34, 921-926	10.3	72
762	Indoor air pollution from particulate matter emissions in different households in rural areas of Bangladesh. *Building and Environment*, **2009**, 44, 898-903	6.5	71
761	Comparison between back-trajectory based modeling and Lagrangian backward dispersion modeling for locating sources of reactive gaseous mercury. *Environmental Science & Technology*, **2005**, 39, 1715-23	10.3	71
760	Thirteen years of air pollution hourly monitoring in a large city: potential sources, trends, cycles and effects of car-free days. *Science of the Total Environment*, **2014**, 494-495, 84-96	10.2	70
759	Chemical Composition of Wood Chips and Wood Pellets. *Energy & Fuels*, **2012**, 26, 4932-4937	4.1	70
758	Atmospheric mercury (Hg) in the Adirondacks: concentrations and sources. *Environmental Science & Technology*, **2008**, 42, 5644-53	10.3	70
757	Characterization of Wintertime Reactive Oxygen Species Concentrations in Flushing, New York. *Aerosol Science and Technology*, **2007**, 41, 97-111	3.4	70
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755	Atmospheric gaseous mercury concentrations in New York State: relationships with meteorological data and other pollutants. *Atmospheric Environment*, **2004**, 38, 6431-6446	5.3	70
754	A receptor-oriented methodology for determining source regions of particulate sulfate observed at Dorset, Ontario. *Journal of Geophysical Research*, **1993**, 98, 16839		70
753	Health risk assessment of exposure to the Middle-Eastern Dust storms in the Iranian megacity of Kermanshah. *Public Health*, **2017**, 148, 109-116	4	69
752	Intra-urban variability of particulate matter (PM2.5 and PM10) and its relationship with optical properties of aerosols over Delhi, India. *Atmospheric Research*, **2015**, 166, 223-232	5.4	69
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750	On improving the validity of wire screen "unattached" fraction Rn daughter measurements. *Health Physics*, **1989**, 56, 189-94	2.3	69
749	Receptor modeling for multiple time resolved species: The Baltimore supersite. *Atmospheric Environment*, **2005**, 39, 3751-3762	5.3	67
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746	Improving source identification of fine particles in a rural northeastern U.S. area utilizing temperature-resolved carbon fractions. *Journal of Geophysical Research*, **2004**, 109,		66
745	Sources of fine particles in a rural midwestern U.S. area. *Environmental Science & Technology*, **2005**, 39, 4953-60	10.3	65
744	Characterization of non-methane volatile organic compounds sources in Houston during 2001 using positive matrix factorization. *Atmospheric Environment*, **2005**, 39, 5934-5946	5.3	65
743	Source Apportionment of Coarse and Fine Particulate Matter at Navi Mumbai, India. *Aerosol and Air Quality Research*, **2008**, 8, 423-436	4.6	65
742	Chemical nature of PM and PM in Xi'an, China: Insights into primary emissions and secondary particle formation. *Environmental Pollution*, **2018**, 240, 155-166	9.3	64
741	Characterization of ambient black carbon and wood burning particles in two urban areas. *Journal of Environmental Monitoring*, **2011**, 13, 1919-26		64
740	Source apportionment of ambient fine particle size distribution using positive matrix factorization in Erfurt, Germany. *Science of the Total Environment*, **2008**, 398, 133-44	10.2	64
739	Chemical compositions and source identification of particulate matter (PM 2.5 and PM 2.5–10) from a scrap iron and steel smelting industry along the Ife–Ibadan highway, Nigeria. *Atmospheric Pollution Research*, **2015**, 6, 107-119	4.5	63
738	Environmental neutralization of polonium-218. *Environmental Science & Technology*, **1985**, 19, 146-150	10.3	63
737	PM2.5 and gaseous pollutants in New York State during 2005–2016: Spatial variability, temporal trends, and economic influences. *Atmospheric Environment*, **2018**, 183, 209-224	5.3	62
736	Sources of fine urban particulate matter in Detroit, MI. *Chemosphere*, **2007**, 69, 1064-74	8.4	62
735	Advanced factor analysis for multiple time resolution aerosol composition data. *Atmospheric Environment*, **2004**, 38, 4909-4920	5.3	62
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733	Identification of Sources of Fine and Coarse Particulate Matter in Dhaka, Bangladesh. *Aerosol and Air Quality Research*, **2010**, 10, 345-353	4.6	62

732	Global review of recent source apportionments for airborne particulate matter. *Science of the Total Environment*, **2020**, 740, 140091	10.2	61
731	Source apportionment and analysis on ambient and personal exposure samples with a combined receptor model and an adaptive blank estimation strategy. *Atmospheric Environment*, **2006**, 40, 3788-3801	5.3	61
730	Secondary organic aerosol from alpha-pinene ozonolysis in dynamic chamber system. *Indoor Air*, **2009**, 19, 335-45	5.4	60
729	Sources identification of the atmospheric aerosol at urban and suburban sites in Indonesia by positive matrix factorization. *Science of the Total Environment*, **2008**, 397, 229-37	10.2	60
728	Effects of on-road highway aerosol exposures on autonomic responses in aged, spontaneously hypertensive rats. *Inhalation Toxicology*, **2007**, 19, 1-12	2.7	60
727	Interlaboratory comparison of source apportionment procedures: Results for simulated data sets. *Atmospheric Environment*, **1984**, 18, 1517-1537		60
726	Residential coal combustion as a source of primary sulfate in Xi'an, China. *Atmospheric Environment*, **2019**, 196, 66-76	5.3	60
725	Numerical simulations investigating the regional and overall deposition efficiency of the human nasal cavity. *Inhalation Toxicology*, **2008**, 20, 1093-100	2.7	59
724	Application of optimally scaled target factor analysis for assessing source contribution of ambient PM10. *Journal of the Air and Waste Management Association*, **2009**, 59, 1296-307	2.4	58
723	Exploring the Variation between EC and BC in a Variety of Locations. *Aerosol and Air Quality Research*, **2012**, 12, 1-7	4.6	58
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721	Three-way (PARAFAC) factor analysis: examination and comparison of alternative computational methods as applied to ill-conditioned data. *Chemometrics and Intelligent Laboratory Systems*, **1998**, 43, 25-42	3.8	57
720	Estimation of organic carbon blank values and error structures of the speciation trends network data for source apportionment. *Journal of the Air and Waste Management Association*, **2005**, 55, 1190-9	2.4	57
719	Comparison of Positive Matrix Factorization and Multilinear Engine for the source apportionment of particulate pollutants. *Chemometrics and Intelligent Laboratory Systems*, **2003**, 66, 15-28	3.8	57
718	Acute myocardial infarction and COPD attributed to ambient SO2 in Iran. *Environmental Research*, **2017**, 156, 683-687	7.9	56
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716	Source apportionment of airborne particulate matter using inorganic and organic species as tracers. *Atmospheric Environment*, **2012**, 55, 525-532	5.3	56
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714	Resuspension of indoor aeroallergens and relationship to lung inflammation in asthmatic children. *Environment International*, **2010**, 36, 8-14	12.9	56
713	Multiple-year black carbon measurements and source apportionment using delta-C in Rochester, New York. *Journal of the Air and Waste Management Association*, **2012**, 62, 880-7	2.4	56
712	Evaluation of new low-cost particle monitors for PM2.5 concentrations measurements. *Journal of Aerosol Science*, **2017**, 105, 24-34	4.3	55
711	Carbonaceous PM(2.5) and secondary organic aerosol across the Veneto region (NE Italy). *Science of the Total Environment*, **2016**, 542, 172-81	10.2	55
710	A new methodology to assess the performance and uncertainty of source apportionment models II: The results of two European intercomparison exercises. *Atmospheric Environment*, **2015**, 123, 240-250	5.3	54
709	Modeling Source Contributions to Submicron Particle Number Concentrations Measured in Rochester, New York. *Aerosol Science and Technology*, **2007**, 41, 179-201	3.4	54
708	Source apportionment for ambient particles in the San Gorgonio wilderness. *Atmospheric Environment*, **2004**, 38, 5901-5910	5.3	54
707	Application of PLS and Back-Propagation Neural Networks for the estimation of soil properties. *Chemometrics and Intelligent Laboratory Systems*, **2005**, 75, 23-30	3.8	54
706	Source apportionment of particle number size distribution in urban background and traffic stations in four European cities. *Environment International*, **2020**, 135, 105345	12.9	54
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704	Impacts of the Canadian forest fires on atmospheric mercury and carbonaceous particles in Northern New York. *Environmental Science & Technology*, **2010**, 44, 8435-40	10.3	53
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701	Source apportionment of PM2.5 chemically speciated mass and particle number concentrations in New York City. *Atmospheric Environment*, **2017**, 148, 215-229	5.3	52
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699	Seasonal variation of 2-methyltetrols in ambient air samples. *Environmental Science & Technology*, **2006**, 40, 6934-7	10.3	52
698	Identification of source nature and seasonal variations of Arctic aerosol by the multilinear engine. *Atmospheric Environment*, **1999**, 33, 2549-2562	5.3	52
697	Associations between Source-Specific Particulate Matter and Respiratory Infections in New York State Adults. *Environmental Science & Technology*, **2020**, 54, 975-984	10.3	52

696	Temporal trends of polychlorinated biphenyls and organochlorine pesticides in Great Lakes fish, 1999-2009. *Science of the Total Environment*, **2012**, 439, 284-90	10.2	51
695	Development and Laboratory Testing of an Automated Monitor for the Measurement of Atmospheric Particle-Bound Reactive Oxygen Species (ROS). *Aerosol Science and Technology*, **2008**, 42, 629-635	3.4	51
694	Factor Analysis of Seattle Fine Particles. *Aerosol Science and Technology*, **2004**, 38, 724-738	3.4	51
693	An introduction to receptor modeling. *Chemometrics and Intelligent Laboratory Systems*, **1991**, 10, 21-43	3.8	50
692	Target transformation factor analysis as an aerosol mass apportionment method: A review and sensitivity study. *Atmospheric Environment*, **1988**, 22, 1777-1792		50
691	Source apportionment of size resolved particulate matter at a European air pollution hot spot. *Science of the Total Environment*, **2015**, 502, 172-83	10.2	49
690	Source apportionment of PM2.5 at multiple sites in Venice (Italy): Spatial variability and the role of weather. *Atmospheric Environment*, **2014**, 98, 78-88	5.3	49
689	Comparison of sources of submicron particle number concentrations measured at two sites in Rochester, NY. *Science of the Total Environment*, **2009**, 407, 5071-84	10.2	49
688	Source identification of volatile organic compounds in Houston, Texas. *Environmental Science & Technology*, **2004**, 38, 1338-47	10.3	49
687	Incorporation of parametric factors into multilinear receptor model studies of Atlanta aerosol. *Atmospheric Environment*, **2003**, 37, 5009-5021	5.3	49
686	Multidecadal trends in aerosol radiative forcing over the Arctic: Contribution of changes in anthropogenic aerosol to Arctic warming since 1980. *Journal of Geophysical Research D: Atmospheres*, **2017**, 122, 3573-3594	4.4	48
685	Ambient mercury sources in Rochester, NY: results from Principle Components Analysis (PCA) of Mercury Monitoring Network Data. *Environmental Science & Technology*, **2010**, 44, 8441-5	10.3	48
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682	PCDD/F source apportionment in the Baltic Sea using positive matrix factorization. *Environmental Science & Technology*, **2010**, 44, 1690-7	10.3	47
681	Comparison of two trajectory based models for locating particle sources for two rural New York sites. *Atmospheric Environment*, **2004**, 38, 1955-1963	5.3	47
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