Philip K. Hopke

List of Publications by Year in Descending Order

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	Changing Emissions Results in Changed PM2.5 Composition and Health Impacts. *Atmosphere*, **2022**, 13, 193	2.7	1
856	Long-term PM2.5 source analyses in New York City from the perspective of dispersion normalized PMF. *Atmospheric Environment*, **2022**, 272, 118949	5.3	0
855	Source apportionment of particle number concentrations: A global review.. *Science of the Total Environment*, **2022**, 819, 153104	10.2	3
854	Bioaccumulation of polyfluoroalkyl substances in the Lake Huron aquatic food web.. *Science of the Total Environment*, **2022**, 819, 152974	10.2	3
853	Multiply improved positive matrix factorization for source apportionment of volatile organic compounds during the COVID-19 shutdown in Tianjin, China.. *Environment International*, **2022**, 158, 106979	12.9	4
852	Introduction to Particles in Indoor Air **2022**, 1-13		0
851	Pan-Arctic seasonal cycles and long-term trends of aerosol properties from 10 observatories. *Atmospheric Chemistry and Physics*, **2022**, 22, 3067-3096	6.8	4
850	Autism-like symptoms by exposure to air pollution and valproic acid-induced in male rats.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
849	Source apportionment of PM in Seoul, South Korea and Beijing, China using dispersion normalized PMF.. *Science of the Total Environment*, **2022**, 155056	10.2	0
848	Improved positive matrix factorization for source apportionment of volatile organic compounds in vehicular emissions during the Spring Festival in Tianjin, China.. *Environmental Pollution*, **2022**, 303, 119122	9.3	1
847	Development and evaluation of an integrated method using distance- and probability-based profile matching approaches in receptor modeling. *Atmospheric Pollution Research*, **2022**, 13, 101423	4.5	0
846	Evaluation of impact of "2+26? regional strategies on air quality improvement of different functional districts in Beijing based on a long-term field campaign. *Environmental Research*, **2022**, 212, 113452	7.9	1
845	Global review of source apportionment of volatile organic compounds based on highly time-resolved data from 2015 to 2021. *Environment International*, **2022**, 165, 107330	12.9	0
844	Fundamentals of Exposure Science **2022**, 1-17		
843	Prediction of COVID-19 Cases from the Nexus of Air Quality and Meteorological Phenomena: Bangladesh Perspective. *Earth Systems and Environment*, **2021**, 6, 1-19	7.5	2
842	Ambient ozone over mid-Brahmaputra Valley, India: effects of local emissions and atmospheric transport on the photostationary state. *Environmental Monitoring and Assessment*, **2021**, 193, 790	3.1	0
841	Influence of transboundary air pollution and meteorology on air quality in three major cities of Anhui Province, China. *Journal of Cleaner Production*, **2021**, 329, 129641	10.3	2

840	Effects of ambient air pollutants on hospital admissions and deaths for cardiovascular diseases: a time series analysis in Tehran. *Environmental Science and Pollution Research*, **2021**, 29, 17997	5.1	1
839	Effect of short-term exposure to air pollution on COVID-19 mortality and morbidity in Iranian cities. *Journal of Environmental Health Science & Engineering*, **2021**, 19, 1-10	2.9	3
838	Health and charge benefits from decreasing PM2.5 concentrations in New York State: Effects of changing compositions. *Atmospheric Pollution Research*, **2021**, 12, 47-53	4.5	2
837	Presence of SARS-CoV-2 in the air of public places and transportation. *Atmospheric Pollution Research*, **2021**, 12, 302-306	4.5	35
836	Theoretical equilibration time is supported by measurement study of residence time at dilution sampling on fine particulate matter emissions from household biofuel burning. *Chemosphere*, **2021**, 267, 129178	8.4	1
835	Nontargeted Discovery of Novel Contaminants in the Great Lakes Region: A Comparison of Fish Fillets and Fish Consumers. *Environmental Science & Technology*, **2021**, 55, 3765-3774	10.3	8
834	Recent advances in air pollution mixture resolutions. *Microchemical Journal*, **2021**, 163, 105907	4.8	2
833	A systematic review and meta-analysis of human biomonitoring studies on exposure to environmental pollutants in Iran. *Ecotoxicology and Environmental Safety*, **2021**, 212, 111986	7	3
832	Cardiovascular morbidity and mortality associations with biomass- and fossil-fuel-combustion fine-particulate-matter exposures in Dhaka, Bangladesh. *International Journal of Epidemiology*, **2021**, 50, 1172-1183	7.8	5
831	Relationship between ambient black carbon and daily mortality in Tehran, Iran: a distributed lag nonlinear time series analysis. *Journal of Environmental Health Science & Engineering*, **2021**, 19, 907-916	2.9	1
830	Why it makes sense that increased PM was correlated with anthropogenic combustion-derived water. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
829	Assessment of BTEX exposure and carcinogenic risks for mail carriers in Tehran, Iran. *Air Quality, Atmosphere and Health*, **2021**, 14, 1365-1373	5.6	1
828	An updated systematic review on the association between atmospheric particulate matter pollution and prevalence of SARS-CoV-2. *Environmental Research*, **2021**, 195, 110898	7.9	29
827	Spring Festival and COVID-19 Lockdown: Disentangling PM Sources in Major Chinese Cities. *Geophysical Research Letters*, **2021**, 48, e2021GL093403	4.9	9
826	Fractal Analysis and Interpretation of Temporal Patterns of TSP and PM10 Mass Concentration over Tarkwa, Ghana. *Earth Systems and Environment*, **2021**, 5, 635-654	7.5	2
825	Respiratory Emergency Department Visits Associations with Exposures to PM Mass, Constituents, and Sources in Dhaka, Bangladesh Air Pollution. *Annals of the American Thoracic Society*, **2021**,	4.7	1
824	Persistent high PM pollution driven by unfavorable meteorological conditions during the COVID-19 lockdown period in the Beijing-Tianjin-Hebei region, China. *Environmental Research*, **2021**, 198, 111186	7.9	14
823	Trends (2005-2016) of perfluoroalkyl acids in top predator fish of the Laurentian Great Lakes. *Science of the Total Environment*, **2021**, 778, 146151	10.2	5

822	Chemical characteristics and sources of ambient PM in a harbor area: Quantification of health risks to workers from source-specific selected toxic elements. *Environmental Pollution*, **2021**, 268, 115926	9.3	8
821	Neurodegenerative hospital admissions and long-term exposure to ambient fine particle air pollution. *Annals of Epidemiology*, **2021**, 54, 79-86.e4	6.4	6
820	The impact on heart rate and blood pressure following exposure to ultrafine particles from cooking using an electric stove. *Science of the Total Environment*, **2021**, 750, 141334	10.2	5
819	Sources, variability and parameterizations of intra-city factors obtained from dispersion-normalized multi-time resolution factor analyses of PM in an urban environment. *Science of the Total Environment*, **2021**, 761, 143225	10.2	8
818	COVID-19 pandemic in Wuhan: Ambient air quality and the relationships between criteria air pollutants and meteorological variables before, during, and after lockdown. *Atmospheric Research*, **2021**, 250, 105362	5.4	42
817	Mortality burden attributable to long-term ambient PM2.5 exposure in China: using novel exposure-response functions with multiple exposure windows. *Atmospheric Environment*, **2021**, 246, 118098	5.3	3
816	Changes in source contributions to particle number concentrations after the COVID-19 outbreak: Insights from a dispersion normalized PMF. *Science of the Total Environment*, **2021**, 759, 143548	10.2	16
815	Assessing Human Exposure to SVOCs in Materials, Products, and Articles: A Modular Mechanistic Framework. *Environmental Science & Technology*, **2021**, 55, 25-43	10.3	29
814	Multiple Air Quality Monitoring Evidence of the Impacts of Large-scale Social Restrictions during the COVID-19 Pandemic in Jakarta, Indonesia. *Aerosol and Air Quality Research*, **2021**, 21, 200645	4.6	4
813	Measuring Particle Concentrations and Composition in Indoor Air **2021**, 1-51		
812	Airborne particulate matter in Tehran's ambient air. *Journal of Environmental Health Science & Engineering*, **2021**, 19, 1179-1191	2.9	4
811	Global Air Quality and COVID-19 Pandemic: Do We Breathe Cleaner Air?. *Aerosol and Air Quality Research*, **2021**, 21, 200567	4.6	8
810	E-Cigarettes and Cardiopulmonary Health. *Function*, **2021**, 2, zqab004	6.1	8
809	Anthropogenic Perturbations to the Atmospheric Molybdenum Cycle. *Global Biogeochemical Cycles*, **2021**, 35, e2020GB006787	5.9	1
808	Approaches to reducing rotational ambiguity in receptor modeling of ambient particulate matter. *Chemometrics and Intelligent Laboratory Systems*, **2021**, 210, 104252	3.8	2
807	Assessing volatile organic compound sources in a boreal forest using positive matrix factorization (PMF). *Atmospheric Environment*, **2021**, 259, 118503	5.3	4
806	Bioaccumulation of perfluoroalkyl substances in a Lake Ontario food web. *Journal of Great Lakes Research*, **2021**,	3	4
805	The detection of SARS-CoV-2 RNA in indoor air of dental clinics during the COVID-19 pandemic. *Environmental Science and Pollution Research*, **2021**, 1	5.1	7

804	The effect of air pollution on the transcriptomics of the immune response to respiratory infection. *Scientific Reports*, **2021**, 11, 19436	4.9	1
803	Evaluation of regional transport of PM during severe atmospheric pollution episodes in the western Yangtze River Delta, China. *Journal of Environmental Management*, **2021**, 293, 112827	7.9	3
802	Haze episodes before and during the COVID-19 shutdown in Tianjin, China: Contribution of fireworks and residential burning. *Environmental Pollution*, **2021**, 286, 117252	9.3	7
801	Air quality in Canadian port cities after regulation of low-sulphur marine fuel in the North American Emissions Control Area. *Science of the Total Environment*, **2021**, 791, 147949	10.2	7
800	Estimating uncertainties of source contributions to PM using moving window evolving dispersion normalized PMF. *Environmental Pollution*, **2021**, 286, 117576	9.3	4
799	Forecasting PM concentration using artificial neural network and its health effects in Ahvaz, Iran. *Chemosphere*, **2021**, 283, 131285	8.4	15
798	Associations between ambient fine particulate matter and child respiratory infection: The role of particulate matter source composition in Dhaka, Bangladesh. *Environmental Pollution*, **2021**, 290, 118073	9.3	5
797	Introduction to Aerosol Dynamics **2021**, 1-28		
796	The Aitken counter: Revisiting its design and performance characteristics. *Aerosol Science and Technology*, **2020**, 54, 999-1006	3.4	3
795	Improving apportionment of PM using multisite PMF by constraining G-values with a priori information. *Science of the Total Environment*, **2020**, 736, 139657	10.2	12
794	Assessing the PM impact of biomass combustion in megacity Dhaka, Bangladesh. *Environmental Pollution*, **2020**, 264, 114798	9.3	17
793	Light Absorption Properties of Organic Aerosol from Wood Pyrolysis: Measurement Method Comparison and Radiative Implications. *Environmental Science & Technology*, **2020**, 54, 7156-7164	10.3	7
792	Traffic-related metrics and adverse birth outcomes: A systematic review and meta-analysis. *Environmental Research*, **2020**, 188, 109752	7.9	7
791	Carcinogenic risks of particulate matter during Middle Eastern dust events and normal days. *Atmospheric Pollution Research*, **2020**, 11, 1566-1571	4.5	2
790	Ozone pollution in the west China rain zone and its adjacent regions, Southwestern China: Concentrations, ecological risk, and Sources. *Chemosphere*, **2020**, 256, 127008	8.4	7
789	Global review of recent source apportionments for airborne particulate matter. *Science of the Total Environment*, **2020**, 740, 140091	10.2	61
788	Long-range and local air pollution: what can we learn from chemical speciation of particulate matter at paired sites?. *Atmospheric Chemistry and Physics*, **2020**, 20, 409-429	6.8	10
787	Spatial-temporal variability of aerosol sources based on chemical composition and particle number size distributions in an urban settlement influenced by metallurgical industry. *Environmental Science and Pollution Research*, **2020**, 27, 38631-38643	5.1	1

786	PM10 source identification using the trajectory based potential source apportionment (TraPSA) toolkit at Kochi, India. *Atmospheric Pollution Research*, **2020**, 11, 1535-1542	4.5	3
785	Wet deposition of sulfur and nitrogen at Mt. Emei in the West China Rain Zone, southwestern China: Status, inter-annual changes, and sources. *Science of the Total Environment*, **2020**, 713, 136676	10.2	9
784	Apportionment of PM adjacent to the I-710 Harbor Freeway in Long Beach, CA. *Journal of the Air and Waste Management Association*, **2020**, 70, 260-282	2.4	2
783	Exposure to particulate matter and gaseous pollutants during cab commuting in Nur-Sultan city of Kazakhstan. *Atmospheric Pollution Research*, **2020**, 11, 880-885	4.5	6
782	Concentrations and Long-Term Temporal Trends of Hexabromocyclododecanes (HBCDD) in Lake Trout and Walleye from the Great Lakes. *Environmental Science & Technology*, **2020**, 54, 6134-6141	10.3	4
781	Effects of PM and gases exposure during prenatal and early-life on autism-like phenotypes in male rat offspring. *Particle and Fibre Toxicology*, **2020**, 17, 8	8.4	15
780	Assessment of Urban Air Quality in Indonesia. *Aerosol and Air Quality Research*, **2020**, 20,	4.6	9
779	Letter to the Editor: Ending the Use of Obsolete Data Analysis Methods. *Aerosol and Air Quality Research*, **2020**, 20, 688-689	4.6	9
778	Understanding the Chemistry and Sources of Precipitation Ions in the mid-Brahmaputra Valley of Northeastern India. *Aerosol and Air Quality Research*, **2020**, 20, 2690-2704	4.6	7
777	A Letter about the Airborne Transmission of SARS-CoV-2 Based on the Current Evidence. *Aerosol and Air Quality Research*, **2020**, 20, 911-914	4.6	44
776	A DFT screening of magnetic sensing-based adsorption of NO by M-MOF-74 (M= Mg, Ti, Fe and Zn). *Materials Chemistry and Physics*, **2020**, 239, 122105	4.4	5
775	Changes in the hospitalization and ED visit rates for respiratory diseases associated with source-specific PM in New York State from 2005 to 2016. *Environmental Research*, **2020**, 181, 108912	7.9	17
774	Evaluation of receptor and chemical transport models for PM10 source apportionment. *Atmospheric Environment: X*, **2020**, 5, 100053	2.8	23
773	Environmental Chemometrics **2020**, 69-85		
772	PM2.5 in Abuja, Nigeria: Chemical characterization, source apportionment, temporal variations, transport pathways and the health risks assessment. *Atmospheric Research*, **2020**, 237, 104833	5.4	17
771	Wintertime Wood Smoke, Traffic Particle Pollution, and Preeclampsia. *Hypertension*, **2020**, 75, 851-858	8.5	11
770	The effect of the decreasing level of Urmia Lake on particulate matter trends and attributed health effects in Tabriz, Iran. *Microchemical Journal*, **2020**, 153, 104434	4.8	7
769	Hybrid multiple-site mass closure and source apportionment of PM and aerosol acidity at major cities in the Po Valley. *Science of the Total Environment*, **2020**, 704, 135287	10.2	18

768	Elemental and magnetic analyses, source identification, and oxidative potential of airborne, passive, and street dust particles in Asaluyeh County, Iran. *Science of the Total Environment*, **2020**, 707, 136132	10.2	16
767	Evaluation of urban ozone in the Brahmaputra River Valley. *Atmospheric Pollution Research*, **2020**, 11, 610-618	4.5	4
766	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
765	Associations between Source-Specific Particulate Matter and Respiratory Infections in New York State Adults. *Environmental Science & Technology*, **2020**, 54, 975-984	10.3	52
764	Vehicular non-exhaust particulate emissions in Chinese megacities: Source profiles, real-world emission factors, and inventories. *Environmental Pollution*, **2020**, 266, 115268	9.3	22
763	Forecasting Ambient Air Pollutants in Tehran, Iran. *Environmental Justice*, **2020**, 13, 193-201	1.7	0
762	Long term characteristics of atmospheric particulate matter and compositions in Jakarta, Indonesia. *Atmospheric Pollution Research*, **2020**, 11, 2215-2225	4.5	3
761	Metal nanoparticles in the air: state of the art and future perspectives. *Environmental Science: Nano* , **2020**, 7, 3233-3254	7.1	7
760	PET-microplastics as a vector for heavy metals in a simulated plant rhizosphere zone. *Science of the Total Environment*, **2020**, 744, 140984	10.2	43
759	Dispersion Normalized PMF Provides Insights into the Significant Changes in Source Contributions to PM after the COVID-19 Outbreak. *Environmental Science & Technology*, **2020**, 54, 9917-9927	10.3	53
758	Association of short-term exposure to air pollution with mortality in a middle eastern tourist city. *Air Quality, Atmosphere and Health*, **2020**, 13, 1223-1234	5.6	4
757	Nontargeted Screening of Halogenated Organic Compounds in Fish Fillet Tissues from the Great Lakes. *Environmental Science & Technology*, **2020**, 54, 15035-15045	10.3	6
756	Temporal changes in short-term associations between cardiorespiratory emergency department visits and PM in Los Angeles, 2005 to 2016. *Environmental Research*, **2020**, 190, 109967	7.9	11
755	Decadal Differences in Emerging Halogenated Contaminant Profiles in Great Lakes Top Predator Fish. *Environmental Science & Technology*, **2020**, 54, 14352-14360	10.3	4
754	SO and HCHO over the major cities of Kazakhstan from 2005 to 2016: influence of political, economic and industrial changes. *Scientific Reports*, **2020**, 10, 12635	4.9	2
753	Improved risk communications with a Bayesian multipollutant Air Quality Health Index. *Science of the Total Environment*, **2020**, 722, 137892	10.2	5
752	Changes in triggering of ST-elevation myocardial infarction by particulate air pollution in Monroe County, New York over time: a case-crossover study. *Environmental Health*, **2019**, 18, 82	6	5
751	Cerebral ischemic attack, epilepsy and hospital admitted patients with types of headaches attributed to PM10 mass concentration in Abadan, Iran. *Aeolian Research*, **2019**, 41, 100541	3.9	12

750	Investigating the effect of several factors on concentrations of bioaerosols in a well-ventilated hospital environment. *Environmental Monitoring and Assessment*, **2019**, 191, 407	3.1	13
749	Legacy Polybrominated Diphenyl Ethers (PBDEs) Trends in Top Predator Fish of the Laurentian Great Lakes (GL) from 1979 to 2016: Will Concentrations Continue to Decrease?. *Environmental Science & Technology*, **2019**, 53, 6650-6659	10.3	18
748	Long-Term Changes of Source Apportioned Particle Number Concentrations in a Metropolitan Area of the Northeastern United States. *Atmosphere*, **2019**, 10, 27	2.7	16
747	Emissions from in-use residential wood pellet boilers and potential emissions savings using thermal storage. *Science of the Total Environment*, **2019**, 676, 564-576	10.2	14
746	Changes in the acute response of respiratory diseases to PM in New York State from 2005 to 2016. *Science of the Total Environment*, **2019**, 677, 328-339	10.2	42
745	Triggering of cardiovascular hospital admissions by source specific fine particle concentrations in urban centers of New York State. *Environment International*, **2019**, 126, 387-394	12.9	47
744	Simulation of Point Source Pollutant Dispersion Pattern: An Investigation of Effects of Prevailing Local Weather Conditions. *Earth Systems and Environment*, **2019**, 3, 215-230	7.5	3
743	Sources of humic-like substances (HULIS) in PM in Beijing: Receptor modeling approach. *Science of the Total Environment*, **2019**, 671, 765-775	10.2	33
742	Term birth weight and ambient air pollutant concentrations during pregnancy, among women living in Monroe County, New York. *Journal of Exposure Science and Environmental Epidemiology*, **2019**, 29, 500-509	6.7	5
741	Assessment of source profiles for suspended particulate pollutants in Ibadan, Nigeria using positive matrix factorization. *Ife Journal of Science*, **2019**, 21, 73	0.6	0
740	Quantifying primary and secondary humic-like substances in urban aerosol based on emission source characterization and a source-oriented air quality model. *Atmospheric Chemistry and Physics*, **2019**, 19, 2327-2341	6.8	34
739	Identification of Sources from Chemical Characterization of Fine Particulate Matter and Assessment of Ambient Air Quality in Dhaka, Bangladesh. *Aerosol and Air Quality Research*, **2019**, 19, 118-128	4.6	18
738	Mortality and morbidity due to ambient air pollution in Iran. *Clinical Epidemiology and Global Health*, **2019**, 7, 222-227	1.8	44
737	A conceptual model to understand the soluble and insoluble Cr species in deliquesced particles. *Air Quality, Atmosphere and Health*, **2019**, 12, 1091-1102	5.6	4
736	Short and long-term impacts of ambient ozone on health in Ahvaz, Iran. *Human and Ecological Risk Assessment (HERA)*, **2019**, 25, 1336-1351	4.9	8
735	Comparative health risk assessment of in-vehicle exposure to formaldehyde and acetaldehyde for taxi drivers and passengers: Effects of zone, fuel, refueling, vehicle's age and model. *Environmental Pollution*, **2019**, 254, 112943	9.3	15
734	Speciation of organic fractions does matter for aerosol source apportionment. Part 3: Combining off-line and on-line measurements. *Science of the Total Environment*, **2019**, 690, 944-955	10.2	22
733	Ambient Ammonia Concentrations Across New York State. *Journal of Geophysical Research D: Atmospheres*, **2019**, 124, 8287-8302	4.4	17

732	Airborne Particulate Pollution Measured in Bangladesh from 2014 to 2017. *Aerosol and Air Quality Research*, **2019**, 19, 272-281	4.6	8
731	Differential Probability Functions for Investigating Long-term Changes in Local and Regional Air Pollution Sources. *Aerosol and Air Quality Research*, **2019**, 19, 724-736	4.6	5
730	On the Performance Parameters of PM2.5 and PM1 Size Separators for Ambient Aerosol Monitoring. *Aerosol and Air Quality Research*, **2019**, 19, 2173-2184	4.6	2
729	Ambient and controlled exposures to particulate air pollution and acute changes in heart rate variability and repolarization. *Scientific Reports*, **2019**, 9, 1946	4.9	24
728	Risk of Influenza and Respiratory Syncytial Virus Infection Associated with Particulate Air Pollution: An Adult Case-Control Study **2019**,		2
727	Analysis of Postdeployment Serum Samples Identifies Potential Biomarkers of Exposure to Burn Pits and Other Environmental Hazards. *Journal of Occupational and Environmental Medicine*, **2019**, 61 Suppl 12, S45-S54	2	2
726	Automated Isotopic Profile Deconvolution for High Resolution Mass Spectrometric Data (APGC-QToF) from Biological Matrices. *Analytical Chemistry*, **2019**, 91, 15509-15517	7.8	7
725	Towards the development of a standardized method for extraction and analysis of PFAS in biological tissues. *Environmental Science: Water Research and Technology*, **2019**, 5, 1876-1886	4.2	6
724	Environmental Chemicals Altered in Association With Deployment for High Risk Areas. *Journal of Occupational and Environmental Medicine*, **2019**, 61 Suppl 12, S15-S24	2	3
723	Machine Learning Approach for Predicting Past Environmental Exposures From Molecular Profiling of Post-Exposure Human Serum Samples. *Journal of Occupational and Environmental Medicine*, **2019** , 61 Suppl 12, S55-S64	2	2
722	Integrative Network Analysis Linking Clinical Outcomes With Environmental Exposures and Molecular Variations in Service Personnel Deployed to Balad and Bagram. *Journal of Occupational and Environmental Medicine*, **2019**, 61 Suppl 12, S65-S72	2	4
721	Use of Biomarkers to Assess Environmental Exposures and Health Outcomes in Deployed Troops. *Journal of Occupational and Environmental Medicine*, **2019**, 61 Suppl 12, S1-S4	2	3
720	Metabolome-Wide Association Study of Deployment to Balad, Iraq or Bagram, Afghanistan. *Journal of Occupational and Environmental Medicine*, **2019**, 61 Suppl 12, S25-S34	2	5
719	Exposure to Heptachlorodibenzo-p-dioxin (HpCDD) Regulates microRNA Expression in Human Lung Fibroblasts. *Journal of Occupational and Environmental Medicine*, **2019**, 61 Suppl 12, S82-S89	2	6
718	Ambient wintertime particulate air pollution and hypertensive disorders of pregnancy in Monroe County, New York. *Environmental Research*, **2019**, 168, 25-31	7.9	13
717	Investigation of levoglucosan decay in wood smoke smog-chamber experiments: The importance of aerosol loading, temperature, and vapor wall losses in interpreting results. *Atmospheric Environment*, **2019**, 199, 224-232	5.3	12
716	Spatial-temporal variations of summertime ozone concentrations across a metropolitan area using a network of low-cost monitors to develop 24 hourly land-use regression models. *Science of the Total Environment*, **2019**, 654, 1167-1178	10.2	20
715	Long-term trends (2005–2016) of source apportioned PM2.5 across New York State. *Atmospheric Environment*, **2019**, 201, 110-120	5.3	22

714	Economic analysis of a field monitored residential wood pellet boiler heating system in New York State. *Renewable Energy*, **2019**, 133, 500-511	8.1	11
713	Residential coal combustion as a source of primary sulfate in Xi'an, China. *Atmospheric Environment*, **2019**, 196, 66-76	5.3	60
712	Ambient mercury source identification at a New York State urban site: Rochester, NY. *Science of the Total Environment*, **2019**, 650, 1327-1337	10.2	15
711	The Association between Respiratory Infection and Air Pollution in the Setting of Air Quality Policy and Economic Change. *Annals of the American Thoracic Society*, **2019**, 16, 321-330	4.7	54
710	Daily land use regression estimated woodsmoke and traffic pollution concentrations and the triggering of ST-elevation myocardial infarction: a case-crossover study. *Air Quality, Atmosphere and Health*, **2018**, 11, 239-244	5.6	15
709	Chronic obstructive pulmonary diseases related to outdoor PM, O, SO, and NO in a heavily polluted megacity of Iran. *Environmental Science and Pollution Research*, **2018**, 25, 17726-17734	5.1	31
708	CYP1A1 gene polymorphisms modify the association between PM exposure and lung function. *Chemosphere*, **2018**, 203, 353-359	8.4	4
707	Investigation of in-cabin volatile organic compounds (VOCs) in taxis; influence of vehicle's age, model, fuel, and refueling. *Environmental Pollution*, **2018**, 237, 348-355	9.3	19
706	Comprehensive Analysis of the Great Lakes Top Predator Fish for Novel Halogenated Organic Contaminants by GC□C-HR-ToF Mass Spectrometry. *Environmental Science & Technology*, **2018**, 52, 2909-2917	10.3	29
705	Carbon Monoxide Off-Gassing From Bags of Wood Pellets. *Annals of Work Exposures and Health*, **2018**, 62, 248-252	2.4	5
704	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
703	Ubiquitous influence of wildfire emissions and secondary organic aerosol on summertime atmospheric aerosol in the forested Great Lakes region. *Atmospheric Chemistry and Physics*, **2018**, 18, 3701-3715	6.8	29
702	Polychlorinated biphenyls and organochlorine pesticides concentration patterns and trends in top predator fish of Laurentian Great Lakes from 1999 to 2014. *Journal of Great Lakes Research*, **2018**, 44, 716-724	3	19
701	Long-term trends in submicron particle concentrations in a metropolitan area of the northeastern United States. *Science of the Total Environment*, **2018**, 633, 59-70	10.2	26
700	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
699	Simulated airflow and rigid fiber behavior in a realistic nasal airway model. *Particulate Science and Technology*, **2018**, 36, 131-140	2	7
698	Air pollution at Rochester, NY: Long-term trends and multivariate analysis of upwind SO source impacts. *Science of the Total Environment*, **2018**, 612, 1506-1515	10.2	30
697	Ambient black carbon particulate matter in the coal region of Dhanbad, India. *Science of the Total Environment*, **2018**, 615, 955-963	10.2	11

696	Risk of morbidity attributed to ambient PM10 in the western cities of Iran. *Toxin Reviews*, **2018**, 37, 313-318	2.3	29
695	Commentary: Integrating non-targeted and targeted chemical screening in Great Lakes fish monitoring programs. *Journal of Great Lakes Research*, **2018**, 44, 1127-1135	3	11
694	Indoor and outdoor concentrations of BTEX and formaldehyde in Tehran, Iran: effects of building characteristics and health risk assessment. *Environmental Science and Pollution Research*, **2018**, 25, 27423-27437	5.1	32
693	Hourly land-use regression models based on low-cost PM monitor data. *Environmental Research*, **2018**, 167, 7-14	7.9	32
692	Thermal energy storage tank sizing for biomass boiler heating systems using process dynamic simulation. *Energy and Buildings*, **2018**, 175, 199-207	7	9
691	Pollution concentrations in Delhi India during winter 2015–16: A case study of an odd-even vehicle strategy. *Atmospheric Pollution Research*, **2018**, 9, 1137-1145	4.5	30
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689	Triggering of cardiovascular hospital admissions by fine particle concentrations in New York state: Before, during, and after implementation of multiple environmental policies and a recession. *Environmental Pollution*, **2018**, 242, 1404-1416	9.3	42
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