Philip K. Hopke

List of Publications by Year
in descending order

885	43,461	3668 92	6349 163
papers	citations	h-index	g-index

935	935	935	26702
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Respiratory Emergency Department Visit Associations with Exposures to Fine Particulate Matter Mass, Constituents, and Sources in Dhaka, Bangladesh Air Pollution. Annals of the American Thoracic Society, 2022, 19, 28-38.	1.5	3
2	Bioaccumulation of perfluoroalkyl substances in a Lake Ontario food web. Journal of Great Lakes Research, 2022, 48, 315-325.	0.8	17
3	The detection of SARS-CoV-2 RNA in indoor air of dental clinics during the COVID-19 pandemic. Environmental Science and Pollution Research, 2022, 29, 85586-85594.	2.7	11
4	Effects of ambient air pollutants on hospital admissions and deaths for cardiovascular diseases: a time series analysis in Tehran. Environmental Science and Pollution Research, 2022, 29, 17997-18009.	2.7	6
5	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.	4.8	31
6	Introduction to Particles in Indoor Air. , 2022, , 1-13.		1
7	Prediction of COVID-19 Cases from the Nexus of Air Quality and Meteorological Phenomena: Bangladesh Perspective. Earth Systems and Environment, 2022, 6, 307-325.	3.0	7
8	Human exposure to aerosol from indoor gas stove cooking and the resulting nervous system responses. Indoor Air, 2022, 32, .	2.0	11
9	Changing Emissions Results in Changed PM2.5 Composition and Health Impacts. Atmosphere, 2022, 13, 193.	1.0	8
10	Long-term PM2.5 source analyses in New York City from the perspective of dispersion normalized PMF. Atmospheric Environment, 2022, 272, 118949.	1.9	18
11	Source apportionment of particle number concentrations: A global review. Science of the Total Environment, 2022, 819, 153104.	3.9	25
12	Bioaccumulation of polyfluoroalkyl substances in the Lake Huron aquatic food web. Science of the Total Environment, 2022, 819, 152974.	3.9	17
13	Pan-Arctic seasonal cycles and long-term trends of aerosol properties from 10 observatories. Atmospheric Chemistry and Physics, 2022, 22, 3067-3096.	1.9	40
14	Source apportionment of PM2.5 in Seoul, South Korea and Beijing, China using dispersion normalized PMF. Science of the Total Environment, 2022, 833, 155056.	3.9	48
15	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.	3.7	15
16	Development and evaluation of an integrated method using distance- and probability-based profile matching approaches in receptor modeling. Atmospheric Pollution Research, 2022, 13, 101423.	1.8	1
17	The air quality of Palangka Raya, Central Kalimantan, Indonesia: The impacts of forest fires on visibility. Journal of the Air and Waste Management Association, 2022, 72, 1191-1200.	0.9	2
18	Evaluation of impact of "2+26â€³ regional strategies on air quality improvement of different functional districts in Beijing based on a long-term field campaign. Environmental Research, 2022, 212, 113452.	3.7	7

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19	Process to Reduce Particulate Matter in Ambient Air Using Bubbles of Sodium Palmitate. Chemical Engineering and Technology, 2022, 45, 1497-1500.	0.9	3
20	Global review of source apportionment of volatile organic compounds based on highly time-resolved data from 2015 to 2021. Environment International, 2022, 165, 107330.	4.8	24
21	Long-term trends of ultrafine and fine particle number concentrations in New York State: Apportioning between emissions and dispersion. Environmental Pollution, 2022, 310, 119797.	3.7	10
22	Local and transboundary impacts of PM2.5 sources identified in Seoul during the early stage of the COVID-19 outbreak. Atmospheric Pollution Research, 2022, 13, 101510.	1.8	7
23	Tropical Air Chemistry in Lagos, Nigeria. Atmosphere, 2022, 13, 1059.	1.0	0
24	Using the carbon balance method based on fuel-weighted average concentrations to estimate emissions from household coal-fired heating stoves. Chemosphere, 2022, 307, 135639.	4.2	2
25	Chemical characteristics and sources of ambient PM2.5 in a harbor area: Quantification of health risks to workers from source-specific selected toxic elements. Environmental Pollution, 2021, 268, 115926.	3.7	16
26	Neurodegenerative hospital admissions and long-term exposure to ambient fine particle air pollution. Annals of Epidemiology, 2021, 54, 79-86.e4.	0.9	15
27	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.	3.9	12
28	Sources, variability and parameterizations of intra-city factors obtained from dispersion-normalized multi-time resolution factor analyses of PM2.5 in an urban environment. Science of the Total Environment, 2021, 761, 143225.	3.9	25
29	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.	1.8	77
30	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.	1.9	13
31	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.	3.9	39
32	Assessing Human Exposure to SVOCs in Materials, Products, and Articles: A Modular Mechanistic Framework. Environmental Science & Technology, 2021, 55, 25-43.	4.6	54
33	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.	0.9	7
34	Measuring Particle Concentrations and Composition in Indoor Air. , 2021, , 1-51.		0
35	Airborne particulate matter in Tehranâ€™s ambient air. Journal of Environmental Health Science & Engineering, 2021, 19, 1179-1191.	1.4	7
36	Global Air Quality and COVID-19 Pandemic: Do We Breathe Cleaner Air?. Aerosol and Air Quality Research, 2021, 21, 200567.	0.9	20

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37	Spatial-temporal Variation and Local Source Identification of Air Pollutants in a Semi-urban Settlement in Nigeria Using Low-cost Sensors. Aerosol and Air Quality Research, 2021, 21, 200598.	0.9	12
38	E-Cigarettes and Cardiopulmonary Health. Function, 2021, 2, zqab004.	1.1	36
39	Anthropogenic Perturbations to the Atmospheric Molybdenum Cycle. Global Biogeochemical Cycles, 2021, 35, e2020GB006787.	1.9	12
40	Approaches to reducing rotational ambiguity in receptor modeling of ambient particulate matter. Chemometrics and Intelligent Laboratory Systems, 2021, 210, 104252.	1.8	5
41	Health and charge benefits from decreasing PM2.5 concentrations in New York State: Effects of changing compositions. Atmospheric Pollution Research, 2021, 12, 47-53.	1.8	9
42	Presence of SARS-CoV-2 in the air of public places and transportation. Atmospheric Pollution Research, 2021, 12, 302-306.	1.8	60
43	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.	4.2	8
44	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.	4.6	26
45	Recent advances in air pollution mixture resolutions. Microchemical Journal, 2021, 163, 105907.	2.3	3
46	A systematic review and meta-analysis of human biomonitoring studies on exposure to environmental pollutants in Iran. Ecotoxicology and Environmental Safety, 2021, 212, 111986.	2.9	8
47	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.	0.9	13
48	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.	1.4	3
49	Why it makes sense that increased PM _{2.5} was correlated with anthropogenic combustion-derived water. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	9
50	Assessment of BTEX exposure and carcinogenic risks for mail carriers in Tehran, Iran. Air Quality, Atmosphere and Health, 2021, 14, 1365-1373.	1.5	2
51	An updated systematic review on the association between atmospheric particulate matter pollution and prevalence of SARS-CoV-2. Environmental Research, 2021, 195, 110898.	3.7	62
52	Spring Festival and COVIDâ€19 Lockdown: Disentangling PM Sources in Major Chinese Cities. Geophysical Research Letters, 2021, 48, e2021GL093403.	1.5	40
53	Fractal Analysis and Interpretation of Temporal Patterns of TSP and PM10 Mass Concentration over Tarkwa, Ghana. Earth Systems and Environment, 2021, 5, 635-654.	3.0	5
54	Persistent high PM2.5 pollution driven by unfavorable meteorological conditions during the COVID-19 lockdown period in the Beijing-Tianjin-Hebei region, China. Environmental Research, 2021, 198, 111186.	3.7	36

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55	Trends (2005â€“2016) of perfluoroalkyl acids in top predator fish of the Laurentian Great Lakes. Science of the Total Environment, 2021, 778, 146151.	3.9	12
56	Assessing volatile organic compound sources in a boreal forest using positive matrix factorization (PMF). Atmospheric Environment, 2021, 259, 118503.	1.9	13
57	The effect of air pollution on the transcriptomics of the immune response to respiratory infection. Scientific Reports, 2021, 11, 19436.	1.6	7
58	Evaluation of regional transport of PM2.5 during severe atmospheric pollution episodes in the western Yangtze River Delta, China. Journal of Environmental Management, 2021, 293, 112827.	3.8	19
59	Haze episodes before and during the COVID-19 shutdown in Tianjin, China: Contribution of fireworks and residential burning. Environmental Pollution, 2021, 286, 117252.	3.7	25
60	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.	3.9	35
61	Estimating uncertainties of source contributions to PM2.5 using moving window evolving dispersion normalized PMF. Environmental Pollution, 2021, 286, 117576.	3.7	23
62	Forecasting PM2.5 concentration using artificial neural network and its health effects in Ahvaz, Iran. Chemosphere, 2021, 283, 131285.	4.2	51
63	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.	3.7	12
64	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, 1807-1816.	1.4	11
65	Characterization of Halogenated Organic Compounds in Pelagic Sharks and Sea Turtles Using a Nontargeted Approach. Environmental Science & Technology, 2021, 55, 16390-16401.	4.6	10
66	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.	1.3	5
67	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.	4.6	15
68	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.	2.0	8
69	Changes in the hospitalization and ED visit rates for respiratory diseases associated with source-specific PM2.5 in New York State from 2005 to 2016. Environmental Research, 2020, 181, 108912.	3.7	33
70	Evaluation of receptor and chemical transport models for PM10 source apportionment. Atmospheric Environment: X, 2020, 5, 100053.	0.8	41
71	Environmental Chemometrics. , 2020, , 69-85.		0
72	PM2.5 in Abuja, Nigeria: Chemical characterization, source apportionment, temporal variations, transport pathways and the health risks assessment. Atmospheric Research, 2020, 237, 104833.	1.8	34

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73	Wintertime Wood Smoke, Traffic Particle Pollution, and Preeclampsia. Hypertension, 2020, 75, 851-858.	1.3	20
74	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.	2.3	23
75	Hybrid multiple-site mass closure and source apportionment of PM2.5 and aerosol acidity at major cities in the Po Valley. Science of the Total Environment, 2020, 704, 135287.	3.9	41
76	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.	3.9	26
77	Evaluation of urban ozone in the Brahmaputra River Valley. Atmospheric Pollution Research, 2020, 11, 610-618.	1.8	6
78	Source apportionment of particle number size distribution in urban background and traffic stations in four European cities. Environment International, 2020, 135, 105345.	4.8	106
79	Associations between Source-Specific Particulate Matter and Respiratory Infections in New York State Adults. Environmental Science & Technology, 2020, 54, 975-984.	4.6	77
80	Vehicular non-exhaust particulate emissions in Chinese megacities: Source profiles, real-world emission factors, and inventories. Environmental Pollution, 2020, 266, 115268.	3.7	57
81	Forecasting Ambient Air Pollutants in Tehran, Iran. Environmental Justice, 2020, 13, 193-201.	0.8	2
82	Long term characteristics of atmospheric particulate matter and compositions in Jakarta, Indonesia. Atmospheric Pollution Research, 2020, 11, 2215-2225.	1.8	16
83	Metal nanoparticles in the air: state of the art and future perspectives. Environmental Science: Nano, 2020, 7, 3233-3254.	2.2	14
84	PET-microplastics as a vector for heavy metals in a simulated plant rhizosphere zone. Science of the Total Environment, 2020, 744, 140984.	3.9	123
85	Dispersion Normalized PMF Provides Insights into the Significant Changes in Source Contributions to PM_{2.5} after the COVID-19 Outbreak. Environmental Science & Technology, 2020, 54, 9917-9927.	4.6	126
86	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.	1.5	6
87	Nontargeted Screening of Halogenated Organic Compounds in Fish Fillet Tissues from the Great Lakes. Environmental Science & Technology, 2020, 54, 15035-15045.	4.6	20
88	Temporal changes in short-term associations between cardiorespiratory emergency department visits and PM2.5 in Los Angeles, 2005 to 2016. Environmental Research, 2020, 190, 109967.	3.7	16
89	Decadal Differences in Emerging Halogenated Contaminant Profiles in Great Lakes Top Predator Fish. Environmental Science & Technology, 2020, 54, 14352-14360.	4.6	12
90	SO2 and HCHO over the major cities of Kazakhstan from 2005 to 2016: influence of political, economic and industrial changes. Scientific Reports, 2020, 10, 12635.	1.6	9

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91	The Aitken counter: Revisiting its design and performance characteristics. Aerosol Science and Technology, 2020, 54, 999-1006.	1.5	3
92	Improving apportionment of PM2.5 using multisite PMF by constraining G-values with a prioriinformation. Science of the Total Environment, 2020, 736, 139657.	3.9	21
93	Assessing the PM2.5 impact of biomass combustion in megacity Dhaka, Bangladesh. Environmental Pollution, 2020, 264, 114798.	3.7	39
94	Light Absorption Properties of Organic Aerosol from Wood Pyrolysis: Measurement Method Comparison and Radiative Implications. Environmental Science & Technology, 2020, 54, 7156-7164.	4.6	17
95	Traffic-related metrics and adverse birth outcomes: A systematic review and meta-analysis. Environmental Research, 2020, 188, 109752.	3.7	9
96	Carcinogenic risks of particulate matter during Middle Eastern dust events and normal days. Atmospheric Pollution Research, 2020, 11, 1566-1571.	1.8	6
97	Ozone pollution in the west China rain zone and its adjacent regions, Southwestern China: Concentrations, ecological risk, and Sources. Chemosphere, 2020, 256, 127008.	4.2	16
98	Global review of recent source apportionments for airborne particulate matter. Science of the Total Environment, 2020, 740, 140091.	3.9	167
99	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.	1.9	24
100	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.	2.7	4
101	PM10 source identification using the trajectory based potential source apportionment (TraPSA) toolkit at Kochi, India. Atmospheric Pollution Research, 2020, 11, 1535-1542.	1.8	11
102	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.	3.9	17
103	Apportionment of PM2.5 adjacent to the I-710 Harbor Freeway in Long Beach, CA. Journal of the Air and Waste Management Association, 2020, 70, 260-282.	0.9	2
104	Exposure to particulate matter and gaseous pollutants during cab commuting in Nur-Sultan city of Kazakhstan. Atmospheric Pollution Research, 2020, 11, 880-885.	1.8	13
105	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.	4.6	9
106	Improved risk communications with a Bayesian multipollutant Air Quality Health Index. Science of the Total Environment, 2020, 722, 137892.	3.9	11
107	Effects of PM2.5 and gases exposure during prenatal and early-life on autismâ€“like phenotypes in male rat offspring. Particle and Fibre Toxicology, 2020, 17, 8.	2.8	27
108	Assessment of Urban Air Quality in Indonesia. Aerosol and Air Quality Research, 2020, 20, 2142-2158.	0.9	30

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109	Letter to the Editor: Ending the Use of Obsolete Data Analysis Methods. Aerosol and Air Quality Research, 2020, 20, 688-689.	0.9	13
110	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.	0.9	12
111	A Letter about the Airborne Transmission of SARS-CoV-2 Based on the Current Evidence. Aerosol and Air Quality Research, 2020, 20, 911-914.	0.9	63
112	Observation of Vapor Wall Deposition in a Smog Chamber Using Size Evolution of Pure Organic Particles. Aerosol and Air Quality Research, 2020, 20, 2705-2714.	0.9	3
113	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.	1.5	77
114	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.	0.9	39
115	Mortality and morbidity due to ambient air pollution in Iran. Clinical Epidemiology and Global Health, 2019, 7, 222-227.	0.9	65
116	A conceptual model to understand the soluble and insoluble Cr species in deliquesced particles. Air Quality, Atmosphere and Health, 2019, 12, 1091-1102.	1.5	7
117	Short and long-term impacts of ambient ozone on health in Ahvaz, Iran. Human and Ecological Risk Assessment (HERA), 2019, 25, 1336-1351.	1.7	16
118	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.	3.7	25
119	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.	3.9	39
120	Ambient Ammonia Concentrations Across New York State. Journal of Geophysical Research D: Atmospheres, 2019, 124, 8287-8302.	1.2	41
121	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.	1.7	11
122	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.	1.1	17
123	Investigating the effect of several factors on concentrations of bioaerosols in a well-ventilated hospital environment. Environmental Monitoring and Assessment, 2019, 191, 407.	1.3	21
124	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.	4.6	32
125	Long-Term Changes of Source Apportioned Particle Number Concentrations in a Metropolitan Area of the Northeastern United States. Atmosphere, 2019, 10, 27.	1.0	25
126	Emissions from in-use residential wood pellet boilers and potential emissions savings using thermal storage. Science of the Total Environment, 2019, 676, 564-576.	3.9	25

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127	Changes in the acute response of respiratory diseases to PM2.5 in New York State from 2005 to 2016. Science of the Total Environment, 2019, 677, 328-339.	3.9	66
128	Triggering of cardiovascular hospital admissions by source specific fine particle concentrations in urban centers of New York State. Environment International, 2019, 126, 387-394.	4.8	68
129	Simulation of Point Source Pollutant Dispersion Pattern: An Investigation of Effects of Prevailing Local Weather Conditions. Earth Systems and Environment, 2019, 3, 215-230.	3.0	3
130	Sources of humic-like substances (HULIS) in PM2.5 in Beijing: Receptor modeling approach. Science of the Total Environment, 2019, 671, 765-775.	3.9	47
131	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.	1.8	10
132	Assessment of source profiles for suspended particulate pollutants in Ibadan, Nigeria using positive matrix factorization. Ife Journal of Science, 2019, 21, 73.	0.1	1
133	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.	1.9	59
134	Ambient and controlled exposures to particulate air pollution and acute changes in heart rate variability and repolarization. Scientific Reports, 2019, 9, 1946.	1.6	32
135	Acute Associations of Respiratory Hospital Visits and Admissions with Fine Particulate Matter Mass, Constituents, and Gaseous Pollutants with in Dhaka, Bangladesh. , 2019, , .		0
136	Risk of Influenza and Respiratory Syncytial Virus Infection Associated with Particulate Air Pollution: An Adult Case-Control Study. , 2019, , .		2
137	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, S45-S54.	0.9	6
138	Automated Isotopic Profile Deconvolution for High Resolution Mass Spectrometric Data (APGC-QToF) from Biological Matrices. Analytical Chemistry, 2019, 91, 15509-15517.	3.2	22
139	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.	1.2	10
140	Environmental Chemicals Altered in Association With Deployment for High Risk Areas. Journal of Occupational and Environmental Medicine, 2019, 61, S15-S24.	0.9	4
141	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, S55-S64.	0.9	3
142	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, S65-S72.	0.9	6
143	Use of Biomarkers to Assess Environmental Exposures and Health Outcomes in Deployed Troops. Journal of Occupational and Environmental Medicine, 2019, 61, S1-S4.	0.9	5
144	Metabolome-Wide Association Study of Deployment to Balad, Iraq or Bagram, Afghanistan. Journal of Occupational and Environmental Medicine, 2019, 61, S25-S34.	0.9	6

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145	Exposure to Heptachlorodibenzo-p-dioxin (HpCDD) Regulates microRNA Expression in Human Lung Fibroblasts. Journal of Occupational and Environmental Medicine, 2019, 61, S82-S89.	0.9	9
146	Ambient wintertime particulate air pollution and hypertensive disorders of pregnancy in Monroe County, New York. Environmental Research, 2019, 168, 25-31.	3.7	20
147	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.	1.9	24
148	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.	3.9	27
149	Long-term trends (2005â€“2016) of source apportioned PM2.5 across New York State. Atmospheric Environment, 2019, 201, 110-120.	1.9	37
150	Economic analysis of a field monitored residential wood pellet boiler heating system in New York State. Renewable Energy, 2019, 133, 500-511.	4.3	18
151	Residential coal combustion as a source of primary sulfate in Xi'an, China. Atmospheric Environment, 2019, 196, 66-76.	1.9	95
152	Ambient mercury source identification at a New York State urban site: Rochester, NY. Science of the Total Environment, 2019, 650, 1327-1337.	3.9	21
153	Airborne Particulate Pollution Measured in Bangladesh from 2014 to 2017. Aerosol and Air Quality Research, 2019, 19, 272-281.	0.9	14
154	Differential Probability Functions for Investigating Long-term Changes in Local and Regional Air Pollution Sources. Aerosol and Air Quality Research, 2019, 19, 724-736.	0.9	16
155	On the Performance Parameters of PM2.5 and PM1 Size Separators for Ambient Aerosol Monitoring. Aerosol and Air Quality Research, 2019, 19, 2173-2184.	0.9	4
156	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.	1.5	20
157	Chronic obstructive pulmonary diseases related to outdoor PM10, O3, SO2, and NO2 in a heavily polluted megacity of Iran. Environmental Science and Pollution Research, 2018, 25, 17726-17734.	2.7	44
158	CYP1A1 gene polymorphisms modify the association between PM10 exposure and lung function. Chemosphere, 2018, 203, 353-359.	4.2	9
159	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.	3.7	27
160	Comprehensive Analysis of the Great Lakes Top Predator Fish for Novel Halogenated Organic Contaminants by GCÃ—GC-HR-ToF Mass Spectrometry. Environmental Science & Technology, 2018, 52, 2909-2917.	4.6	46
161	Carbon Monoxide Off-Gassing From Bags of Wood Pellets. Annals of Work Exposures and Health, 2018, 62, 248-252.	0.6	7
162	Chemical nature of PM2.5 and PM10 in Xi'an, China: Insights into primary emissions and secondary particle formation. Environmental Pollution, 2018, 240, 155-166.	3.7	100

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163	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.	1.9	44
164	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.	0.8	28
165	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.	3.9	39
166	PM2.5 and gaseous pollutants in New York State during 2005â€“2016: Spatial variability, temporal trends, and economic influences. Atmospheric Environment, 2018, 183, 209-224.	1.9	90
167	Simulated airflow and rigid fiber behavior in a realistic nasal airway model. Particulate Science and Technology, 2018, 36, 131-140.	1.1	8
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