Lidia Morawska

List of Publications by Year
in descending order

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504 papers	131,157 citations	1994 101 h-index	115 342 g-index
552 all docs	552 docs citations	552 times ranked	133880 citing authors

#	Article	IF	Citations
1	A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990â€“2010: a systematic analysis for the Global Burden of Disease Study 2010. Lancet, The, 2012, 380, 2224-2260.	13.7	9,397
2	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1789-1858.	13.7	8,569
3	Global burden of 369 diseases and injuries in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1204-1222.	13.7	7,664
4	Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990â€“2010: a systematic analysis for the Global Burden of Disease Study 2010. Lancet, The, 2012, 380, 2197-2223.	13.7	7,061
5	Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries 1990â€“2010: a systematic analysis for the Global Burden of Disease Study 2010. Lancet, The, 2012, 380, 2163-2196.	13.7	6,376
6	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1545-1602.	13.7	5,298
7	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1736-1788.	13.7	4,989
8	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 743-800.	13.7	4,951
9	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1459-1544.	13.7	4,934
10	Global Burden of Cardiovascular Diseases and Risk Factors, 1990â€“2019. Journal of the American College of Cardiology, 2020, 76, 2982-3021.	2.8	4,468
11	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1659-1724.	13.7	4,203
12	Estimates and 25-year trends of the global burden of disease attributable to ambient air pollution: an analysis of data from the Global Burden of Diseases Study 2015. Lancet, The, 2017, 389, 1907-1918.	13.7	4,187
13	Global burden of 87 risk factors in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1223-1249.	13.7	3,928
14	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1151-1210.	13.7	3,565
15	Global, regional, and national burden of stroke and its risk factors, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet Neurology, The, 2021, 20, 795-820.	10.2	2,308
16	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1859-1922.	13.7	2,123
17	Alcohol use and burden for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2018, 392, 1015-1035.	13.7	2,005
18	Global, regional, and national burden of stroke, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 439-458.	10.2	2,005

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19	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1260-1344.	13.7	1,589
20	Smoking prevalence and attributable disease burden in 195 countries and territories, 1990â€“2015: a systematic analysis from the Global Burden of Disease Study 2015. Lancet, The, 2017, 389, 1885-1906.	13.7	1,281
21	Airborne transmission of SARS-CoV-2: The world should face the reality. Environment International, 2020, 139, 105730.	10.0	1,247
22	Prevalence and attributable health burden of chronic respiratory diseases, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet Respiratory Medicine,the, 2020, 8, 585-596.	10.7	1,049
23	How can airborne transmission of COVID-19 indoors be minimised?. Environment International, 2020, 142, 105832.	10.0	933
24	Ambient Air Pollution Exposure Estimation for the Global Burden of Disease 2013. Environmental Science & Technology, 2016, 50, 79-88.	10.0	886
25	Size distribution and sites of origin of droplets expelled from the human respiratory tract during expiratory activities. Journal of Aerosol Science, 2009, 40, 256-269.	3.8	848
26	A review of biomass burning: Emissions and impacts on air quality, health and climate in China. Science of the Total Environment, 2017, 579, 1000-1034.	8.0	815
27	It Is Time to Address Airborne Transmission of Coronavirus Disease 2019 (COVID-19). Clinical Infectious Diseases, 2020, 71, 2311-2313.	5.8	798
28	Characterization of expiration air jets and droplet size distributions immediately at the mouth opening. Journal of Aerosol Science, 2009, 40, 122-133.	3.8	778
29	Global, regional, and national levels of maternal mortality, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1775-1812.	13.7	740
30	Global, regional, and national age-sex-specific mortality and life expectancy, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1684-1735.	13.7	716
31	Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. Lancet, The, 2018, 391, 2236-2271.	13.7	638
32	The rise of low-cost sensing for managing air pollution in cities. Environment International, 2015, 75, 199-205.	10.0	597
33	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1084-1150.	13.7	573
34	Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1725-1774.	13.7	571
35	Estimation of airborne viral emission: Quanta emission rate of SARS-CoV-2 for infection risk assessment. Environment International, 2020, 141, 105794.	10.0	545
36	Ambient nano and ultrafine particles from motor vehicle emissions: Characteristics, ambient processing and implications on human exposure. Atmospheric Environment, 2008, 42, 8113-8138.	4.1	531

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37	Modality of human expired aerosol size distributions. Journal of Aerosol Science, 2011, 42, 839-851.	3.8	523
38	A review of dispersion modelling and its application to the dispersion of particles: An overview of different dispersion models available. Atmospheric Environment, 2006, 40, 5902-5928.	4.1	510
39	Transmission of SARSâ€CoVâ€2 by inhalation of respiratory aerosol in the Skagit Valley Chorale superspreading event. Indoor Air, 2021, 31, 314-323.	4.3	505
40	Droplet fate in indoor environments, or can we prevent the spread of infection?. Indoor Air, 2006, 16, 335-347.	4.3	488
41	Ultrafine particles in cities. Environment International, 2014, 66, 1-10.	10.0	483
42	Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990â€“2015: a novel analysis from the Global Burden of Disease Study 2015. Lancet, The, 2017, 390, 231-266.	13.7	480
43	Applications of low-cost sensing technologies for air quality monitoring and exposure assessment: How far have they gone?. Environment International, 2018, 116, 286-299.	10.0	477
44	Emergence and spread of a human-transmissible multidrug-resistant nontuberculous mycobacterium. Science, 2016, 354, 751-757.	12.6	462
45	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1813-1850.	13.7	413
46	Indoor aerosols: from personal exposure to risk assessment. Indoor Air, 2013, 23, 462-487.	4.3	347
47	The Mechanism of Breath Aerosol Formation. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2009, 22, 229-237.	1.4	341
48	Concentrations of submicrometre particles from vehicle emissions near a major road. Atmospheric Environment, 2000, 34, 51-59.	4.1	340
49	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 2091-2138.	13.7	335
50	Five insights from the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1135-1159.	13.7	335
51	Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. Lancet Respiratory Medicine,the, 2019, 7, 69-89.	10.7	326
52	Quantitative assessment of the risk of airborne transmission of SARS-CoV-2 infection: Prospective and retrospective applications. Environment International, 2020, 145, 106112.	10.0	306
53	Particle emission factors during cooking activities. Atmospheric Environment, 2009, 43, 3235-3242.	4.1	304
54	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1423-1459.	13.7	284

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55	An Overview of Small Unmanned Aerial Vehicles for Air Quality Measurements: Present Applications and Future Prospectives. Sensors, 2016, 16, 1072.	3.8	270
56	Combustion sources of particles. 1. Health relevance and source signatures. Chemosphere, 2002, 49, 1045-1058.	8.2	265
57	Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). Journal of Hospital Infection, 2021, 110, 89-96.	2.9	264
58	A review of commuter exposure to ultrafine particles and its health effects. Atmospheric Environment, 2011, 45, 2611-2622.	4.1	261
59	Airborne particles in indoor environment of homes, schools, offices and aged care facilities: The main routes of exposure. Environment International, 2017, 108, 75-83.	10.0	256
60	Particulate matter pollution over China and the effects of control policies. Science of the Total Environment, 2017, 584-585, 426-447.	8.0	252
61	The nexus between air pollution, green infrastructure and human health. Environment International, 2019, 133, 105181.	10.0	249
62	Respiratory health effects of diesel particulate matter. Respirology, 2012, 17, 201-212.	2.3	247
63	Global Survey of Antibiotic Resistance Genes in Air. Environmental Science & Technology, 2018, 52, 10975-10984.	10.0	227
64	Coronavirus Disease 2019 Patients in Earlier Stages Exhaled Millions of Severe Acute Respiratory Syndrome Coronavirus 2 Per Hour. Clinical Infectious Diseases, 2021, 72, e652-e654.	5.8	211
65	Particle Emission Characteristics of Office Printers. Environmental Science & Technology, 2007, 41, 6039-6045.	10.0	209
66	The influence of humidity on the performance of a low-cost air particle mass sensor and the effect of atmospheric fog. Atmospheric Measurement Techniques, 2018, 11, 4883-4890.	3.1	194
67	A paradigm shift to combat indoor respiratory infection. Science, 2021, 372, 689-691.	12.6	192
68	Submicrometer and Supermicrometer Particles from Diesel Vehicle Emissions. Environmental Science & Technology, 1998, 32, 2033-2042.	10.0	186
69	Ambient temperature and risk of cardiovascular hospitalization: An updated systematic review and meta-analysis. Science of the Total Environment, 2016, 550, 1084-1102.	8.0	179
70	The relationship between indoor and outdoor airborne particles in the residential environment. Atmospheric Environment, 2001, 35, 3463-3473.	4.1	176
71	Smart homes and the control of indoor air quality. Renewable and Sustainable Energy Reviews, 2018, 94, 705-718.	16.4	172
72	Traffic and nucleation events as main sources of ultrafine particles in high-insolation developed world cities. Atmospheric Chemistry and Physics, 2015, 15, 5929-5945.	4.9	161

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73	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. Nature, 2019, 574, 353-358.	27.8	161
74	Comprehensive characterization of aerosols in a subtropical urban atmosphere. Atmospheric Environment, 1998, 32, 2467-2478.	4.1	159
75	Particle deposition rates in residential houses. Atmospheric Environment, 2005, 39, 3891-3899.	4.1	152
76	Air pollution and risk of respiratory and cardiovascular hospitalizations in the most populous city in Vietnam. Science of the Total Environment, 2016, 557-558, 322-330.	8.0	149
77	Characterization of particle number concentrations and PM2.5 in a school: influence of outdoor air pollution on indoor air. Environmental Science and Pollution Research, 2010, 17, 1268-1278.	5.3	147
78	Differences in airborne particle and gaseous concentrations in urban air between weekdays and weekends. Atmospheric Environment, 2002, 36, 4375-4383.	4.1	146
79	Ozone modifies associations between temperature and cardiovascular mortality: analysis of the NMMAPS data. Occupational and Environmental Medicine, 2008, 65, 255-260.	2.8	143
80	Development and Validation of a UAV Based System for Air Pollution Measurements. Sensors, 2016, 16, 2202.	3.8	142
81	A study of the horizontal and vertical profile of submicrometer particles in relation to a busy road. Atmospheric Environment, 1999, 33, 1261-1274.	4.1	141
82	Characteristics of particle number and mass concentrations in residential houses in Brisbane, Australia. Atmospheric Environment, 2003, 37, 4195-4203.	4.1	138
83	Submicrometer and Supermicrometer Particulate Emission from Spark Ignition Vehicles. Environmental Science & Technology, 1998, 32, 3845-3852.	10.0	136
84	Personal exposure to ultrafine particles: The influence of time-activity patterns. Science of the Total Environment, 2014, 468-469, 903-907.	8.0	136
85	Impacts of household coal and biomass combustion on indoor and ambient air quality in China: Current status and implication. Science of the Total Environment, 2017, 576, 347-361.	8.0	134
86	An Investigation into the Characteristics and Formation Mechanisms of Particles Originating from the Operation of Laser Printers. Environmental Science & Technology, 2009, 43, 1015-1022.	10.0	128
87	Children's well-being at schools: Impact of climatic conditions and air pollution. Environment International, 2016, 94, 196-210.	10.0	128
88	Shipping emissions and their impacts on air quality in China. Science of the Total Environment, 2017, 581-582, 186-198.	8.0	128
89	A pilot investigation into associations between indoor airborne fungal and non-biological particle concentrations in residential houses in Brisbane, Australia. Science of the Total Environment, 2003, 312, 89-101.	8.0	122
90	Human exposure to ozone in school and office indoor environments. Environment International, 2018, 119, 503-514.	10.0	122

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91	Health effects of daily airborne particle dose in children: Direct association between personal dose and respiratory health effects. Environmental Pollution, 2013, 180, 246-250.	7.5	119
92	Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. Environment International, 2021, 147, 106326.	10.0	119
93	Green infrastructure for air quality improvement in street canyons. Environment International, 2021, 146, 106288.	10.0	118
94	Influence of Diesel Fuel Sulfur on Nanoparticle Emissions from City Buses. Environmental Science & Technology, 2006, 40, 1314-1320.	10.0	117
95	Impact of ventilation scenario on air exchange rates and on indoor particle number concentrations in an air-conditioned classroom. Atmospheric Environment, 2008, 42, 757-768.	4.1	117
96	New directions: Air pollution challenges for developing megacities like Delhi. Atmospheric Environment, 2015, 122, 657-661.	4.1	117
97	Children exposure assessment to ultrafine particles and black carbon: The role of transport and cooking activities. Atmospheric Environment, 2013, 79, 53-58.	4.1	116
98	Indoor air quality and energy management through real-time sensing in commercial buildings. Energy and Buildings, 2016, 111, 145-153.	6.7	116
99	Real-time sensors for indoor air monitoring and challenges ahead in deploying them to urban buildings. Science of the Total Environment, 2016, 560-561, 150-159.	8.0	111
100	Ultrafine particles and PM2.5 in the air of cities around the world: Are they representative of each other?. Environment International, 2019, 129, 118-135.	10.0	110
101	Low-cost sensors as an alternative for long-term air quality monitoring. Environmental Research, 2020, 185, 109438.	7.5	110
102	Indoor hospital air and the impact of ventilation on bioaerosols: a systematic review. Journal of Hospital Infection, 2019, 103, 175-184.	2.9	109
103	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and Their Application to COVID-19 Outbreaks. Environmental Science & Technology, 2022, 56, 1125-1137.	10.0	109
104	Tracheobronchial and alveolar dose of submicrometer particles for different population age groups in Italy. Atmospheric Environment, 2011, 45, 6216-6224.	4.1	106
105	New particle formation in China: Current knowledge and further directions. Science of the Total Environment, 2017, 577, 258-266.	8.0	106
106	Emission and health risk assessment of volatile organic compounds in various processes of a petroleum refinery in the Pearl River Delta, China. Environmental Pollution, 2018, 238, 452-461.	7.5	102
107	Particle and carbon dioxide emissions from passenger vehicles operating on unleaded petrol and LPG fuel. Science of the Total Environment, 2005, 345, 93-98.	8.0	101
108	Observation of new particle formation in subtropical urban environment. Atmospheric Chemistry and Physics, 2011, 11, 3823-3833.	4.9	101

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109	Physical characteristics of the indoor environment that affect health and wellbeing in healthcare facilities: a review. Intelligent Buildings International, 2013, 5, 3-25.	2.3	101
110	Methodology for assessing exposure and impacts of air pollutants in school children: Data collection, analysis and health effects â€“ A literature review. Atmospheric Environment, 2011, 45, 813-823.	4.1	99
111	Community greenness, blood pressure, and hypertension in urban dwellers: The 33 Communities Chinese Health Study. Environment International, 2019, 126, 727-734.	10.0	99
112	Individual dose and exposure of Italian children to ultrafine particles. Science of the Total Environment, 2012, 438, 271-277.	8.0	96
113	Ultrafine Particles in Indoor Air of a School: Possible Role of Secondary Organic Aerosols. Environmental Science & Technology, 2009, 43, 9103-9109.	10.0	95
114	Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. Lancet Infectious Diseases, The, 2020, 20, 60-79.	9.1	95
115	The association between particulate air pollution and respiratory admissions among young children in Hanoi, Vietnam. Science of the Total Environment, 2017, 578, 249-255.	8.0	94
116	The quest for improved air quality may push China to continue its CO ₂ reduction beyond the Paris Commitment. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29535-29542.	7.1	93
117	Does temperature modify short-term effects of ozone on total mortality in 60 large eastern US communities? â€” An assessment using the NMMAPS data. Environment International, 2008, 34, 451-458.	10.0	92
118	Influence of ventilation and filtration on indoor particle concentrations in urban office buildings. Atmospheric Environment, 2013, 79, 41-52.	4.1	92
119	The modality of particle size distributions of environmental aerosols. Atmospheric Environment, 1999, 33, 4401-4411.	4.1	91
120	Real-time measurement of bacterial aerosols with the UVAPS: performance evaluation. Journal of Aerosol Science, 2003, 34, 301-317.	3.8	91
121	New Directions: Can a â€œblue skyâ€•return to Indian megacities?. Atmospheric Environment, 2013, 71, 198-201.	4.1	91
122	School Childrenâ€™s Personal Exposure to Ultrafine Particles in the Urban Environment. Environmental Science & Technology, 2014, 48, 113-120.	10.0	91
123	Emission characteristics of volatile organic compounds and their secondary organic aerosol formation potentials from a petroleum refinery in Pearl River Delta, China. Science of the Total Environment, 2017, 584-585, 1162-1174.	8.0	91
124	Diesel Bus Emissions Measured in a Tunnel Study. Environmental Science & Technology, 2004, 38, 6701-6709.	10.0	89
125	Breath-, air- and surface-borne SARS-CoV-2 in hospitals. Journal of Aerosol Science, 2021, 152, 105693.	3.8	89
126	Human exposure to NO2 in school and office indoor environments. Environment International, 2019, 130, 104887.	10.0	86

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127	Global, regional, and national burden of respiratory tract cancers and associated risk factors from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet Respiratory Medicine,the, 2021, 9, 1030-1049.	10.7	86
128	Dependence of the radon emanation coefficient on radium distribution and internal structure of the material. Geochimica Et Cosmochimica Acta, 1993, 57, 1783-1797.	3.9	85
129	Volatility Characterization of Cooking-Generated Aerosol Particles. Aerosol Science and Technology, 2011, 45, 1069-1077.	3.1	85
130	Effects of exposure to ambient ultrafine particles on respiratory health and systemic inflammation in children. Environment International, 2018, 114, 167-180.	10.0	85
131	Evaluation of Ultrafine Particle Emissions from Laser Printers Using Emission Test Chambers. Environmental Science & Technology, 2008, 42, 4338-4343.	10.0	84
132	Determination of average emission factors for vehicles on a busy road. Atmospheric Environment, 2003, 37, 465-474.	4.1	83
133	Performance evaluation of the UVAPS: influence of physiological age of airborne bacteria and bacterial stress. Journal of Aerosol Science, 2003, 34, 1711-1727.	3.8	83
134	Exposure to particle number, surface area and PM concentrations in pizzerias. Atmospheric Environment, 2010, 44, 3963-3969.	4.1	83
135	The impact of marine shipping and its DECA control on air quality in the Pearl River Delta, China. Science of the Total Environment, 2018, 625, 1476-1485.	8.0	83
136	Particle and gaseous emissions from compressed natural gas and ultralow sulphur diesel-fuelled buses at four steady engine loads. Science of the Total Environment, 2009, 407, 2845-2852.	8.0	82
137	Airborne particle concentrations at schools measured at different spatial scales. Atmospheric Environment, 2013, 67, 38-45.	4.1	82
138	Room ventilation and the risk of airborne infection transmission in 3Âhealth care settings within a large teaching hospital. American Journal of Infection Control, 2011, 39, 866-872.	2.3	81
139	An inventory of particle and gaseous emissions from large aircraft thrust engine operations at an airport. Atmospheric Environment, 2011, 45, 3500-3507.	4.1	81
140	Method for measuring the hygroscopic behaviour of lower volatility fractions in an internally mixed aerosol. Journal of Aerosol Science, 2004, 35, 443-455.	3.8	80
141	New particle formation and growth at a remote, sub-tropical coastal location. Atmospheric Chemistry and Physics, 2009, 9, 7607-7621.	4.9	79
142	Viability ofPseudomonas aeruginosain cough aerosols generated by persons with cystic fibrosis. Thorax, 2014, 69, 740-745.	5.6	79
143	Particle and Gaseous Emissions from Commercial Aircraft at Each Stage of the Landing and Takeoff Cycle. Environmental Science & Technology, 2009, 43, 441-446.	10.0	78
144	Ambient PM1 air pollution and cardiovascular disease prevalence: Insights from the 33 Communities Chinese Health Study. Environment International, 2019, 123, 310-317.	10.0	77

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145	The effect of temperature and humidity on size segregated traffic exhaust particle emissions. Atmospheric Environment, 2008, 42, 2369-2382.	4.1	76
146	Vacuum Cleaner Emissions as a Source of Indoor Exposure to Airborne Particles and Bacteria. Environmental Science & Technology, 2012, 46, 534-542.	10.0	76
147	A comparison of submicrometer particle dose between Australian and Italian people. Environmental Pollution, 2012, 169, 183-189.	7.5	75
148	Association between community greenness and obesity in urban-dwelling Chinese adults. Science of the Total Environment, 2020, 702, 135040.	8.0	75
149	Experimental study of the deposition of combustion aerosols in the human respiratory tract. Journal of Aerosol Science, 2005, 36, 939-957.	3.8	73
150	Theoretical analysis of the motion and evaporation of exhaled respiratory droplets of mixed composition. Journal of Aerosol Science, 2011, 42, 1-10.	3.8	73
151	Characterization of elemental and polycyclic aromatic hydrocarbon compositions of urban air in Brisbane. Atmospheric Environment, 2005, 39, 463-476.	4.1	72
152	Effect of Cabin Ventilation Rate on Ultrafine Particle Exposure Inside Automobiles. Environmental Science & Technology, 2010, 44, 3546-3551.	10.0	72
153	Vertical particle concentration profiles around urban office buildings. Atmospheric Chemistry and Physics, 2012, 12, 5017-5030.	4.9	72
154	Lung cancer risk of airborne particles for Italian population. Environmental Research, 2015, 142, 443-451.	7.5	72
155	Ventilation procedures to minimize the airborne transmission of viruses in classrooms. Building and Environment, 2021, 202, 108042.	6.9	72
156	Close proximity risk assessment for SARS-CoV-2 infection. Science of the Total Environment, 2021, 794, 148749.	8.0	72
157	New directions: From biofuels to wood stoves: The modern and ancient air quality challenges in the megacity of SÃ£o Paulo. Atmospheric Environment, 2016, 140, 364-369.	4.1	71
158	PARTICLE EMISSIONS FROM COMPRESSED NATURAL GAS ENGINES. Journal of Aerosol Science, 2000, 31, 403-413.	3.8	69
159	Relation between particle mass and number for submicrometer airborne particles. Atmospheric Environment, 1999, 33, 1983-1990.	4.1	67
160	Effect of Ventilation and Filtration on Submicrometer Particles in an Indoor Environment. Indoor Air, 2000, 10, 19-26.	4.3	66
161	Spatiotemporal variation of PM1 pollution in China. Atmospheric Environment, 2018, 178, 198-205.	4.1	65
162	A model for determination of motor vehicle emission factors from on-road measurements with a focus on submicrometer particles. Science of the Total Environment, 2001, 264, 241-255.	8.0	64

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163	Associations of greenness with diabetes mellitus and glucose-homeostasis markers: The 33 Communities Chinese Health Study. International Journal of Hygiene and Environmental Health, 2019, 222, 283-290.	4.3	63
164	Could fighting airborne transmission be the next line of defence against COVID-19 spread?. City and Environment Interactions, 2019, 4, 100033.	4.2	62
165	Performance of UVAPS with respect to detection of airborne fungi. Journal of Aerosol Science, 2008, 39, 175-189.	3.8	61
166	Atmospheric polycyclic aromatic hydrocarbons in the urban environment: Occurrence, toxicity and source apportionment. Environmental Pollution, 2016, 208, 110-117.	7.5	61
167	Exposure to welding particles in automotive plants. Journal of Aerosol Science, 2011, 42, 295-304.	3.8	60
168	Hygroscopic behavior of partially volatilized coastal marine aerosols using the volatilization and humidification tandem differential mobility analyzer technique. Journal of Geophysical Research, 2005, 110, .	3.3	59
169	The effects of fuel characteristics and engine operating conditions on the elemental composition of emissions from heavy duty diesel buses. Fuel, 2007, 86, 1831-1839.	6.4	59
170	Modality in ambient particle size distributions and its potential as a basis for developing air quality regulation. Atmospheric Environment, 2008, 42, 1617-1628.	4.1	59
171	Ozone-Initiated Particle Formation, Particle Aging, and Precursors in a Laser Printer. Environmental Science & Technology, 2012, 46, 704-712.	10.0	59
172	Volatile Organic Compounds: Characteristics, distribution and sources in urban schools. Atmospheric Environment, 2015, 106, 485-491.	4.1	58
173	A comparative study of the elemental composition of the exhaust emissions of cars powered by liquefied petroleum gas and unleaded petrol. Atmospheric Environment, 2006, 40, 3111-3122.	4.1	57
174	Performance assessment of UVAPS: Influence of fungal spore age and air exposure. Journal of Aerosol Science, 2007, 38, 83-96.	3.8	57
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