Bert Brunekreef

List of Publications by Year
in descending order

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487 papers	69,997 citations	1099 112 h-index	767 249 g-index
492 all docs	492 docs citations	492 times ranked	57924 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 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
3	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
4	Air pollution and health. Lancet, The, 2002, 360, 1233-1242.	13.7	3,412
5	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 2287-2323.	13.7	2,184
6	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9592-9597.	7.1	1,407
7	Long-term air pollution exposure and cardio- respiratory mortality: a review. Environmental Health, 2013, 12, 43.	4.0	1,346
8	Association between mortality and indicators of traffic-related air pollution in the Netherlands: a cohort study. Lancet, The, 2002, 360, 1203-1209.	13.7	1,299
9	Air pollution and lung cancer incidence in 17 European cohorts: prospective analyses from the European Study of Cohorts for Air Pollution Effects (ESCAPE). Lancet Oncology, The, 2013, 14, 813-822.	10.7	1,225
10	Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project. Lancet, The, 2014, 383, 785-795.	13.7	1,077
11	Development of Land Use Regression Models for PM_{2.5}, PM_{2.5} Absorbance, PM₁₀ and PM_{coarse} in 20 European Study Areas; Results of the ESCAPE Project. Environmental Science & Technology, 2012, 46, 11195-11205.	10.0	877
12	Black Carbon as an Additional Indicator of the Adverse Health Effects of Airborne Particles Compared with PM ₁₀ and PM _{2.5}. Environmental Health Perspectives, 2011, 119, 1691-1699.	6.0	829
13	Development of NO2 and NOx land use regression models for estimating air pollution exposure in 36 study areas in Europe â€“ The ESCAPE project. Atmospheric Environment, 2013, 72, 10-23.	4.1	719
14	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American Journal of Human Genetics, 2016, 98, 680-696.	6.2	717
15	Air Pollution from Truck Traffic and Lung Function in Children Living near Motorways. Epidemiology, 1997, 8, 298.	2.7	548
16	Air Pollution from Traffic and the Development of Respiratory Infections and Asthmatic and Allergic Symptoms in Children. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 1092-1098.	5.6	547
17	Long-Term Effects of Traffic-Related Air Pollution on Mortality in a Dutch Cohort (NLCS-AIR Study). Environmental Health Perspectives, 2008, 116, 196-202.	6.0	501
18	Long term exposure to ambient air pollution and incidence of acute coronary events: prospective cohort study and meta-analysis in 11 European cohorts from the ESCAPE Project. BMJ, The, 2014, 348, f7412-f7412.	6.0	481

#	Article	IF	Citations
19	Ambient air pollution and low birthweight: a European cohort study (ESCAPE). Lancet Respiratory Medicine,the, 2013, 1, 695-704.	10.7	464
20	Air pollution and development of asthma, allergy and infections in a birth cohort. European Respiratory Journal, 2007, 29, 879-888.	6.7	463
21	Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children. Journal of Allergy and Clinical Immunology, 2006, 117, 817-823.	2.9	413
22	Spatial variation of PM2.5, PM10, PM2.5 absorbance and PMcoarse concentrations between and within 20 European study areas and the relationship with NO2 â€“ Results of the ESCAPE project. Atmospheric Environment, 2012, 62, 303-317.	4.1	392
23	Traffic-related Air Pollution and the Development of Asthma and Allergies during the First 8 Years of Life. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 596-603.	5.6	388
24	Motor Vehicle Exhaust and Chronic Respiratory Symptoms in Children Living near Freeways. Environmental Research, 1997, 74, 122-132.	7.5	385
25	Particulate Air Pollution and Risk of ST-Segment Depression During Repeated Submaximal Exercise Tests Among Subjects With Coronary Heart Disease. Circulation, 2002, 106, 933-938.	1.6	361
26	Estimating Long-Term Average Particulate Air Pollution Concentrations: Application of Traffic Indicators and Geographic Information Systems. Epidemiology, 2003, 14, 228-239.	2.7	361
27	Title is missing!. Epidemiology, 2003, 14, 228-239.	2.7	348
28	A joint ERS/ATS policy statement: what constitutes an adverse health effect of air pollution? An analytical framework. European Respiratory Journal, 2017, 49, 1600419.	6.7	348
29	The relationship between air pollution from heavy traffic and allergic sensitization, bronchial hyperresponsiveness, and respiratory symptoms in Dutch schoolchildren.. Environmental Health Perspectives, 2003, 111, 1512-1518.	6.0	347
30	Air Pollution Exposure and Lung Function in Children: The ESCAPE Project. Environmental Health Perspectives, 2013, 121, 1357-1364.	6.0	320
31	Comparison of childhood wheezing phenotypes in 2 birth cohorts: ALSPAC and PIAMA. Journal of Allergy and Clinical Immunology, 2011, 127, 1505-1512.e14.	2.9	306
32	Adult lung function and long-term air pollution exposure. ESCAPE: a multicentre cohort study and meta-analysis. European Respiratory Journal, 2015, 45, 38-50.	6.7	297
33	â€œWhat We Breathe Impacts Our Health: Improving Understanding of the Link between Air Pollution and Healthâ€• Environmental Science & Technology, 2016, 50, 4895-4904.	10.0	294
34	Atopic Sensitization and the International Variation of Asthma Symptom Prevalence in Children. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 565-574.	5.6	290
35	Respiratory Health Effects of Airborne Particulate Matter: The Role of Particle Size, Composition, and Oxidative Potentialâ€”The RAPTES Project. Environmental Health Perspectives, 2012, 120, 1183-1189.	6.0	288
36	Long-Term Exposure to Ambient Air Pollution and Incidence of Cerebrovascular Events: Results from 11 European Cohorts within the ESCAPE Project. Environmental Health Perspectives, 2014, 122, 919-925.	6.0	285

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37	Assessment of exposure to traffic related air pollution of children attending schools near motorways. Atmospheric Environment, 2001, 35, 3875-3884.	4.1	279
38	Variation of NO2 and NOx concentrations between and within 36 European study areas: Results from the ESCAPE study. Atmospheric Environment, 2012, 62, 374-390.	4.1	274
39	Commutersâ€™ Exposure to Particulate Matter Air Pollution Is Affected by Mode of Transport, Fuel Type, and Route. Environmental Health Perspectives, 2010, 118, 783-789.	6.0	272
40	Long-term Exposure to Air Pollution and Cardiovascular Mortality. Epidemiology, 2014, 25, 368-378.	2.7	272
41	In vitro toxicity of particulate matter (PM) collected at different sites in the Netherlands is associated with PM composition, size fraction and oxidative potential - the RAPTES project. Particle and Fibre Toxicology, 2011, 8, 26.	6.2	254
42	The Prevention and Incidence of Asthma and Mite Allergy (PIAMA) birth cohort study: Design and first results. Pediatric Allergy and Immunology, 2002, 13, 55-60.	2.6	252
43	Not all farming environments protect against the development of asthma and wheeze in children. Journal of Allergy and Clinical Immunology, 2007, 119, 1140-1147.	2.9	252
44	The Association between Air Pollution and Heart Failure, Arrhythmia, Embolism, Thrombosis, and Other Cardiovascular Causes of Death in a Time Series Study. Epidemiology, 2001, 12, 355-357.	2.7	246
45	Air pollution from traffic in city districts near major motorways. Atmospheric Environment, 1998, 32, 1921-1930.	4.1	243
46	Oxidative potential of particulate matter collected at sites with different source characteristics. Science of the Total Environment, 2014, 472, 572-581.	8.0	228
47	Air Pollution and Respiratory Infections during Early Childhood: An Analysis of 10 European Birth Cohorts within the ESCAPE Project. Environmental Health Perspectives, 2014, 122, 107-113.	6.0	224
48	Quantifying the health impacts of ambient air pollutants: recommendations of a WHO/Europe project. International Journal of Public Health, 2015, 60, 619-627.	2.3	217
49	Stability of measured and modelled spatial contrasts in NO2 over time. Occupational and Environmental Medicine, 2011, 68, 765-770.	2.8	212
50	Session 2: What Properties of Particulate Matter are Responsible for Health Effects?. Inhalation Toxicology, 2000, 12, 15-18.	1.6	209
51	Heterogeneities in Inflammatory and Cytotoxic Responses of RAW 264.7 Macrophage Cell Line to Urban Air Coarse, Fine, and Ultrafine Particles From Six European Sampling Campaigns. Inhalation Toxicology, 2007, 19, 213-225.	1.6	209
52	Chemical composition and mass closure of particulate matter at six urban sites in Europe. Atmospheric Environment, 2006, 40, 212-223.	4.1	203
53	A Focus on Particulate Matter and Health. Environmental Science & Technology, 2009, 43, 4620-4625.	10.0	203
54	Respiratory health effects of ultrafine and fine particle exposure in cyclists. Occupational and Environmental Medicine, 2010, 67, 118-124.	2.8	200

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55	Does Pet Ownership in Infancy Lead to Asthma or Allergy at School Age? Pooled Analysis of Individual Participant Data from 11 European Birth Cohorts. PLoS ONE, 2012, 7, e43214.	2.5	199
56	(1 â†' 3)-Î² -<scp>d</scp>-Glucan and Endotoxin in House Dust and Peak Flow Variability in Children. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 1348-1354.	5.6	198
57	Ambient Air Pollution and Adult Asthma Incidence in Six European Cohorts (ESCAPE). Environmental Health Perspectives, 2015, 123, 613-621.	6.0	197
58	Spatial PM2.5, NO2, O3 and BC models for Western Europe â€“ Evaluation of spatiotemporal stability. Environment International, 2018, 120, 81-92.	10.0	193
59	Comparison between different traffic-related particle indicators: Elemental carbon (EC), PM2.5 mass, and absorbance. Journal of Exposure Science and Environmental Epidemiology, 2003, 13, 134-143.	3.9	191
60	Long-Term Exposure to Traffic-Related Air Pollution and Lung Cancer Risk. Epidemiology, 2008, 19, 702-710.	2.7	188
61	Exposure to air pollution and development of asthma and rhinoconjunctivitis throughout childhood and adolescence: a population-based birth cohort study. Lancet Respiratory Medicine,the, 2015, 3, 933-942.	10.7	187
62	Childhood Asthma and the Indoor Environment. Chest, 1991, 100, 922-926.	0.8	182
63	Health impacts of anthropogenic biomass burning in the developed world. European Respiratory Journal, 2015, 46, 1577-1588.	6.7	179
64	A comparison of linear regression, regularization, and machine learning algorithms to develop Europe-wide spatial models of fine particles and nitrogen dioxide. Environment International, 2019, 130, 104934.	10.0	177
65	Confounding and exposure measurement error in air pollution epidemiology. Air Quality, Atmosphere and Health, 2012, 5, 203-216.	3.3	175
66	Acute Respiratory Inflammation in Children and Black Carbon in Ambient Air before and during the 2008 Beijing Olympics. Environmental Health Perspectives, 2011, 119, 1507-1512.	6.0	173
67	Air Pollution During Pregnancy and Childhood Cognitive and Psychomotor Development. Epidemiology, 2014, 25, 636-647.	2.7	172
68	Spatial variability of fine particle concentrations in three European areas. Atmospheric Environment, 2002, 36, 4077-4088.	4.1	171
69	Effects of ultrafine and fine particulate and gaseous air pollution on cardiac autonomic control in subjects with coronary artery disease: The ULTRA study. Journal of Exposure Science and Environmental Epidemiology, 2006, 16, 332-341.	3.9	170
70	DNA methylation in childhood asthma: an epigenome-wide meta-analysis. Lancet Respiratory Medicine,the, 2018, 6, 379-388.	10.7	170
71	Does early indoor microbial exposure reduce the risk of asthma? The Prevention and Incidence of Asthma and Mite Allergy birth cohort study. Journal of Allergy and Clinical Immunology, 2006, 117, 1067-1073.	2.9	168
72	Development of Land Use Regression Models for Particle Composition in Twenty Study Areas in Europe. Environmental Science & Technology, 2013, 47, 5778-5786.	10.0	167

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73	Prenatal exposure to a farm environment modifies atopic sensitization at birth. Journal of Allergy and Clinical Immunology, 2008, 122, 407-412.e4.	2.9	165
74	Evaluation of a Low-Cost Electrostatic Dust Fall Collector for Indoor Air Endotoxin Exposure Assessment. Applied and Environmental Microbiology, 2008, 74, 5621-5627.	3.1	165
75	Associations of combined exposures to surrounding green, air pollution and traffic noise on mental health. Environment International, 2019, 129, 525-537.	10.0	163
76	Predicting the long-term prognosis of children with symptoms suggestive of asthma at preschool age. Journal of Allergy and Clinical Immunology, 2009, 124, 903-910.e7.	2.9	162
77	Association of IL33â€"IL-1 receptorâ€"like 1 (IL1RL1) pathway polymorphisms with wheezing phenotypes and asthma in childhood. Journal of Allergy and Clinical Immunology, 2014, 134, 170-177.	2.9	162
78	Personal Exposure to Fine Particulate Matter in Elderly Subjects: Relation between Personal, Indoor, and Outdoor Concentrations. Journal of the Air and Waste Management Association, 2000, 50, 1133-1143.	1.9	161
79	Air Pollution Exposure During Fetal Life, Brain Morphology, and Cognitive Function in School-Age Children. Biological Psychiatry, 2018, 84, 295-303.	1.3	159
80	Green space definition affects associations of green space with overweight and physical activity. Environmental Research, 2018, 160, 531-540.	7.5	158
81	Expert elicitation on ultrafine particles: likelihood of health effects and causal pathways. Particle and Fibre Toxicology, 2009, 6, 19.	6.2	153
82	Effects of ambient air pollution on upper and lower respiratory symptoms and peak expiratory flow in children. Lancet, The, 1999, 353, 874-878.	13.7	147
83	Measurement of the oxidative potential of PM2.5 and its constituents: The effect of extraction solvent and filter type. Atmospheric Environment, 2014, 83, 35-42.	4.1	147
84	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 2062-2074.	2.9	147
85	MeDALL (Mechanisms of the Development of ALLergy): an integrated approach from phenotypes to systems medicine. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 596-604.	5.7	146
86	Development of West-European PM 2.5 and NO 2 land use regression models incorporating satellite-derived and chemical transport modelling data. Environmental Research, 2016, 151, 1-10.	7.5	145
87	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. Journal of Allergy and Clinical Immunology, 2017, 139, 388-399.	2.9	145
88	Long-Term Exposure to Ultrafine Particles and Incidence of Cardiovascular and Cerebrovascular Disease in a Prospective Study of a Dutch Cohort. Environmental Health Perspectives, 2018, 126, 127007.	6.0	140
89	Placebo-controlled Trial of House Dust Miteâ€"impermeable Mattress Covers. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 307-313.	5.6	138
90	Identification of atopic dermatitis subgroups in children from 2 longitudinal birth cohorts. Journal of Allergy and Clinical Immunology, 2018, 141, 964-971.	2.9	136

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91	Respiratory Health Effects of the Indoor Environment in a Population of Dutch Children. The American Review of Respiratory Disease, 1990, 142, 1172-1178.	2.9	133
92	Minute ventilation of cyclists, car and bus passengers: an experimental study. Environmental Health, 2009, 8, 48.	4.0	133
93	Estimation of long-term average exposure to outdoor air pollution for a cohort study on mortality. Journal of Exposure Science and Environmental Epidemiology, 2001, 11, 459-469.	3.9	130
94	Natural-Cause Mortality and Long-Term Exposure to Particle Components: An Analysis of 19 European Cohorts within the Multi-Center ESCAPE Project. Environmental Health Perspectives, 2015, 123, 525-533.	6.0	130
95	Long-term exposure to low ambient air pollution concentrations and mortality among 28 million people: results from seven large European cohorts within the ELAPSE project. Lancet Planetary Health, The, 2022, 6, e9-e18.	11.4	130
96	Concentration Response Functions for Ultrafine Particles and All-Cause Mortality and Hospital Admissions: Results of a European Expert Panel Elicitation. Environmental Science & Technology, 2010, 44, 476-482.	10.0	129
97	Cohort profile: The Prevention and Incidence of Asthma and Mite Allergy (PIAMA) birth cohort. International Journal of Epidemiology, 2014, 43, 527-535.	1.9	129
98	Long-term exposure to ambient air pollution and traffic noise and incident hypertension in seven cohorts of the European study of cohorts for air pollution effects (ESCAPE). European Heart Journal, 2017, 38, ehw413.	2.2	128
99	Filaggrin mutations in the onset of eczema, sensitization, asthma, hay fever and the interaction with cat exposure. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1758-1765.	5.7	127
100	Long-term exposure to elemental constituents of particulate matter and cardiovascular mortality in 19 European cohorts: Results from the ESCAPE and TRANSPHORM projects. Environment International, 2014, 66, 97-106.	10.0	127
101	Fungal extracellular polysaccharides in house dust as a marker for exposure to fungi: Relations with culturable fungi, reported home dampness, and respiratory symptoms. Journal of Allergy and Clinical Immunology, 1999, 103, 494-500.	2.9	125
102	Allergen exposure in infancy and the development of sensitization, wheeze, and asthma at 4 years. Journal of Allergy and Clinical Immunology, 2005, 115, 946-952.	2.9	125
103	Children's respiratory health and oxidative potential of PM_{2.5}: the PIAMA birth cohort study. Occupational and Environmental Medicine, 2016, 73, 154-160.	2.8	125
104	Association of consumption of products containing milk fat with reduced asthma risk in pre-school children: the PIAMA birth cohort study. Thorax, 2003, 58, 567-572.	5.6	124
105	Air pollution related deaths during the 2003 heat wave in the Netherlands. Atmospheric Environment, 2004, 38, 1083-1085.	4.1	124
106	Maternal Food Consumption during Pregnancy and the Longitudinal Development of Childhood Asthma. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 124-131.	5.6	123
107	Long-term exposure to low-level ambient air pollution and incidence of stroke and coronary heart disease: a pooled analysis of six European cohorts within the ELAPSE project. Lancet Planetary Health, The, 2021, 5, e620-e632.	11.4	123
108	Residential Proximity to Major Roads and Term Low Birth Weight. Epidemiology, 2014, 25, 518-525.	2.7	122

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109	Residential Outdoor Air Pollution and Lung Function in Schoolchildren. Epidemiology, 2008, 19, 129-137.	2.7	119
110	Land Use Regression Model for Ultrafine Particles in Amsterdam. Environmental Science & Technology, 2011, 45, 622-628.	10.0	119
111	A multicentre study of air pollution exposure and childhood asthma prevalence: the ESCAPE project. European Respiratory Journal, 2015, 45, 610-624.	6.7	119
112	Self-Reported Truck Traffic on the Street of Residence and Symptoms of Asthma and Allergic Disease: A Global Relationship in ISAAC Phase 3. Environmental Health Perspectives, 2009, 117, 1791-1798.	6.0	118
113	Toll-like receptor 2 and 4 genes influence susceptibility to adverse effects of traffic-related air pollution on childhood asthma. Thorax, 2010, 65, 690-697.	5.6	116
114	Traffic-related air pollution, preterm birth and term birth weight in the PIAMA birth cohort study. Environmental Research, 2011, 111, 125-135.	7.5	115
115	Systematic Evaluation of Land Use Regression Models for NO₂. Environmental Science & Technology, 2012, 46, 4481-4489.	10.0	115
116	The role of atopic sensitization in flexural eczema: Findings from the International Study of Asthma and Allergies in Childhood Phase Two. Journal of Allergy and Clinical Immunology, 2008, 121, 141-147.e4.	2.9	113
117	Particulate Matter Composition and Respiratory Health. Epidemiology, 2015, 26, 300-309.	2.7	113
118	Arterial Blood Pressure and Long-Term Exposure to Traffic-Related Air Pollution: An Analysis in the European Study of Cohorts for Air Pollution Effects (ESCAPE). Environmental Health Perspectives, 2014, 122, 896-905.	6.0	112
119	Daily Mortality and Air Pollution in the Netherlands. Journal of the Air and Waste Management Association, 2000, 50, 1380-1389.	1.9	111
120	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. Environmental Health Perspectives, 2019, 127, 57012.	6.0	111
121	Comparing land use regression and dispersion modelling to assess residential exposure to ambient air pollution for epidemiological studies. Environment International, 2014, 73, 382-392.	10.0	109
122	Ambient Air Pollution and Preeclampsia: A Spatiotemporal Analysis. Environmental Health Perspectives, 2013, 121, 1365-1371.	6.0	108
123	Pets, Allergy and Respiratory Symptoms in Children. International Journal of Epidemiology, 1992, 21, 338-342.	1.9	107
124	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1373-1383.	5.6	107
125	Effects of long-term exposure to traffic-related air pollution on respiratory and cardiovascular mortality in the Netherlands: the NLCS-AIR study. Research Report (health Effects Institute), 2009, , 5-71; discussion 73-89.	1.6	107
126	Associations between three specific a-cellular measures of the oxidative potential of particulate matter and markers of acute airway and nasal inflammation in healthy volunteers. Occupational and Environmental Medicine, 2015, 72, 49-56.	2.8	105

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127	PM10 and PM2.5 concentrations in Central and Eastern Europe:. Atmospheric Environment, 2001, 35, 2757-2771.	4.1	104
128	Long-Term Exposure to Ambient Air Pollution and Incidence of Postmenopausal Breast Cancer in 15 European Cohorts within the ESCAPE Project. Environmental Health Perspectives, 2017, 125, 107005.	6.0	104
129	Reported versus measured body weight and height of 4-year-old children and the prevalence of overweight. European Journal of Public Health, 2007, 17, 369-374.	0.3	102
130	Estimated long-term outdoor air pollution concentrations in a cohort study. Atmospheric Environment, 2007, 41, 1343-1358.	4.1	102
131	Overweight and changes in weight status during childhood in relation to asthma symptoms at 8 years of age. Journal of Allergy and Clinical Immunology, 2009, 123, 1312-1318.e2.	2.9	101
132	Land use regression models for estimating individual NOx and NO2 exposures in a metropolis with a high density of traffic roads and population. Science of the Total Environment, 2014, 472, 1163-1171.	8.0	100
133	Relation between airborne pollen concentrations and daily cardiovascular and respiratory-disease mortality. Lancet, The, 2000, 355, 1517-1518.	13.7	99
134	Breast milk fatty acids and allergic disease in preschool children: The Prevention and Incidence of Asthma and Mite Allergy birth cohort study. Journal of Allergy and Clinical Immunology, 2006, 117, 440-447.	2.9	99
135	Spatial variation in nitrogen dioxide in three European areas. Science of the Total Environment, 2004, 332, 217-230.	8.0	97
136	Early Respiratory Infections, Asthma, and Allergy: 10-Year Follow-up of the Oslo Birth Cohort. Pediatrics, 2005, 116, e255-e262.	2.1	97
137	Long-term exposure to particulate matter, NO2 and the oxidative potential of particulates and diabetes prevalence in a large national health survey. Environment International, 2017, 108, 228-236.	10.0	97
138	Estimation of Outdoor NO_x, NO₂, and BTEX Exposure in a Cohort of Pregnant Women Using Land Use Regression Modeling. Environmental Science & Technology, 2008, 42, 815-821.	10.0	96
139	Respiratory Effects of Commuters' Exposure to Air Pollution in Traffic. Epidemiology, 2011, 22, 219-227.	2.7	96
140	Evaluation of Land Use Regression Models for NO₂ and Particulate Matter in 20 European Study Areas: The ESCAPE Project. Environmental Science & Technology, 2013, 47, 4357-4364.	10.0	96
141	Long-Term Exposure to Air Pollution and Vascular Damage in Young Adults. Epidemiology, 2010, 21, 512-520.	2.7	95
142	Air Pollution Exposure during Pregnancy and Childhood Autistic Traits in Four European Population-Based Cohort Studies: The ESCAPE Project. Environmental Health Perspectives, 2016, 124, 133-140.	6.0	95
143	Long-term personal exposure to traffic-related air pollution among school children, a validation study. Science of the Total Environment, 2006, 368, 565-573.	8.0	93
144	Toxicity of Coarse and Fine Particulate Matter from Sites with Contrasting Traffic Profiles. Inhalation Toxicology, 2007, 19, 1055-1069.	1.6	93

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145	Associations between PM _{2.5} and Heart Rate Variability Are Modified by Particle Composition and Beta-Blocker Use in Patients with Coronary Heart Disease. Environmental Health Perspectives, 2009, 117, 105-111.	6.0	93
146	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. BMJ, The, 2021, 374, n1904.	6.0	93
147	Personal Exposure to Fine Particles in Children Correlates Closely with Ambient Fine Particles. Archives of Environmental Health, 1999, 54, 95-101.	0.4	91
148	Traffic-related air pollution and noise and childrenâ€™s blood pressure: Results from the PIAMA birth cohort study. European Journal of Preventive Cardiology, 2015, 22, 4-12.	1.8	91
149	Associations of Combined Exposures to Surrounding Green, Air Pollution, and Road Traffic Noise with Cardiometabolic Diseases. Environmental Health Perspectives, 2019, 127, 87003.	6.0	91
150	Acute Effects of a Winter Air Pollution Episode on Pulmonary Function and Respiratory Symptoms of Children. Archives of Environmental Health, 1993, 48, 328-335.	0.4	90
151	Respiratory Infections in Infants: Interaction of Parental Allergy, Child Care, and Siblings---The PIAMA Study. Pediatrics, 2001, 108, 943-948.	2.1	90
152	Traffic-Related Air Pollution and Otitis Media. Environmental Health Perspectives, 2006, 114, 1414-1418.	6.0	90
153	Respiratory Symptoms in the First 7 Years of Life and Birth Weight at Term. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 1078-1085.	5.6	90
154	Contrasts in Oxidative Potential and Other Particulate Matter Characteristics Collected Near Major Streets and Background Locations. Environmental Health Perspectives, 2012, 120, 185-191.	6.0	89
155	Impact of low emission zones and local traffic policies on ambient air pollution concentrations. Science of the Total Environment, 2012, 435-436, 132-140.	8.0	88
156	GIS-Based Estimation of Exposure to Particulate Matter and NO 2 in an Urban Area: Stochastic versus Dispersion Modeling. Environmental Health Perspectives, 2005, 113, 987-992.	6.0	86
157	Cord blood allergen-specific IgE is associated with reduced IFN-Î³ production by cord blood cells: The Protection against Allergyâ€"Study in Rural Environments (PASTURE) study. Journal of Allergy and Clinical Immunology, 2008, 122, 711-716.	2.9	84
158	Long-Term Traffic-Related Exposures and Asthma Onset in Schoolchildren in Oslo, Norway. Environmental Health Perspectives, 2009, 117, 839-844.	6.0	83
159	Prediction of asthma in symptomatic preschool children using exhaled nitric oxide, Rint and specific IgE. Thorax, 2010, 65, 801-807.	5.6	83
160	Ambient air pollution exposure, residential mobility and term birth weight in Oslo, Norway. Environmental Research, 2010, 110, 363-371.	7.5	83
161	In-Traffic Air Pollution Exposure and CC16, Blood Coagulation, and Inflammation Markers in Healthy Adults. Environmental Health Perspectives, 2011, 119, 1384-1389.	6.0	83
162	Effects of long-term exposure to particulate matter and metal components on mortality in the Rome longitudinal study. Environment International, 2017, 109, 146-154.	10.0	82

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163	Breast feeding, parental allergy and asthma in children followed for 8 years. The PIAMA birth cohort study. Thorax, 2009, 64, 604-609.	5.6	79
164	Land Use Regression Models for Ultrafine Particles and Black Carbon Based on Short-Term Monitoring Predict Past Spatial Variation. Environmental Science & Technology, 2015, 49, 8712-8720.	10.0	79
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