

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99 papers	5,049 citations	38 h-index	70 g-index
103 ext. papers	5,771 ext. citations	6.1 avg, IF	5.18 L-index

#	Paper	IF	Citations
99	Mapping urban air pollution using GIS: a regression-based approach. <i>International Journal of Geographical Information Science</i> , <b>1997</b> , 11, 699-718	4.1	444
98	Improving health through policies that promote active travel: a review of evidence to support integrated health impact assessment. <i>Environment International</i> , <b>2011</b> , 37, 766-77	12.9	372
97	Respiratory health effects of airborne particulate matter: the role of particle size, composition, and oxidative potential-the RAPTES project. <i>Environmental Health Perspectives</i> , <b>2012</b> , 120, 1183-9	8.4	238
96	Traffic-related differences in outdoor and indoor concentrations of particles and volatile organic compounds in Amsterdam. <i>Atmospheric Environment</i> , <b>2000</b> , 34, 3713-3722	5.3	220
95	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. <i>Particle and Fibre Toxicology</i> , <b>2011</b> , 8, 26	8.4	211
94	Chronic respiratory symptoms in children and adults living along streets with high traffic density. <i>Occupational and Environmental Medicine</i> , <b>1996</b> , 53, 241-7	2.1	170
93	The use of expert elicitation in environmental health impact assessment: a seven step procedure. <i>Environmental Health</i> , <b>2010</b> , 9, 19	6	162
92	Infiltration of ambient PM2.5 and levels of indoor generated non-ETS PM2.5 in residences of four European cities. <i>Atmospheric Environment</i> , <b>2004</b> , 38, 6411-6423	5.3	137
91	Aircraft noise around a large international airport and its impact on general health and medication use. <i>Occupational and Environmental Medicine</i> , <b>2004</b> , 61, 405-13	2.1	135
90	Roles of scientists as policy advisers on complex issues: A literature review. <i>Environmental Science and Policy</i> , <b>2014</b> , 40, 16-25	6.2	133
89	Expert elicitation on ultrafine particles: likelihood of health effects and causal pathways. <i>Particle and Fibre Toxicology</i> , <b>2009</b> , 6, 19	8.4	130
88	Current EU research activities on combined exposure to multiple chemicals. <i>Environment International</i> , <b>2018</b> , 120, 544-562	12.9	119
87	Small area variations in ambient NO2 concentrations in four European areas. <i>Atmospheric Environment</i> , <b>2000</b> , 34, 177-185	5.3	118
86	Spatial variations in the concentrations of traffic-related pollutants in indoor and outdoor air in Huddersfield, England. <i>Atmospheric Environment</i> , <b>2000</b> , 34, 905-916	5.3	106
85	Air pollution related deaths during the 2003 heat wave in the Netherlands. <i>Atmospheric Environment</i> , <b>2004</b> , 38, 1083-1085	5.3	97
84	Green space definition affects associations of green space with overweight and physical activity. <i>Environmental Research</i> , <b>2018</b> , 160, 531-540	7.9	92
83	Human biomonitoring as a tool to support chemicals regulation in the European Union. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 94-97	6.9	91

82	An Aggregate Public Health Indicator to Represent the Impact of Multiple Environmental Exposures. <i>Epidemiology</i> , <b>1999</b> , 10, 606-617	3.1	89
81	Long-term personal exposure to traffic-related air pollution among school children, a validation study. <i>Science of the Total Environment</i> , <b>2006</b> , 368, 565-73	10.2	86
80	PM10 and PM2.5 concentrations in Central and Eastern Europe:: results from the Cesar study. <i>Atmospheric Environment</i> , <b>2001</b> , 35, 2757-2771	5.3	86
79	Associations of combined exposures to surrounding green, air pollution and traffic noise on mental health. <i>Environment International</i> , <b>2019</b> , 129, 525-537	12.9	82
78	Statement on advancing the assessment of chemical mixtures and their risks for human health and the environment. <i>Environment International</i> , <b>2020</b> , 134, 105267	12.9	81
77	Medically unexplained physical symptoms in the aftermath of disasters. <i>Epidemiologic Reviews</i> , <b>2005</b> , 27, 92-106	4.1	80
76	Physical and mental health shortly after a disaster: first results from the Enschede firework disaster study. <i>European Journal of Public Health</i> , <b>2006</b> , 16, 253-9	2.1	69
75	Acute effects of ambient ozone on pulmonary function of children in The Netherlands. <i>The American Review of Respiratory Disease</i> , <b>1993</b> , 147, 111-7		65
74	Volatile organic compounds in dutch homes. <i>Environment International</i> , <b>1986</b> , 12, 323-332	12.9	61
73	Idiopathic environmental intolerance attributed to electromagnetic fields (IEI-EMF): a systematic review of identifying criteria. <i>BMC Public Health</i> , <b>2012</b> , 12, 643	4.1	50
72	Willingness to pay to avoid health risks from road-traffic-related air pollution and noise across five countries. <i>Science of the Total Environment</i> , <b>2014</b> , 497-498, 420-429	10.2	49
71	Non-specific physical symptoms and electromagnetic field exposure in the general population: can we get more specific? A systematic review. <i>Environment International</i> , <b>2012</b> , 41, 15-28	12.9	49
70	Actual and perceived exposure to electromagnetic fields and non-specific physical symptoms: an epidemiological study based on self-reported data and electronic medical records. <i>International Journal of Hygiene and Environmental Health</i> , <b>2015</b> , 218, 331-44	6.9	47
69	Speciation of arsenic compounds in urine by LC/ICP MS. <i>Applied Organometallic Chemistry</i> , <b>1998</b> , 12, 591-599	3.2	47
68	Description and demonstration of the EXPOLIS simulation model: two examples of modeling population exposure to particulate matter. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2003</b> , 13, 87-99	6.7	47
67	Associations of Combined Exposures to Surrounding Green, Air Pollution, and Road Traffic Noise with Cardiometabolic Diseases. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 87003	8.4	46
66	Traffic-related outdoor air pollution and respiratory symptoms in children: the impact of adjustment for exposure measurement error. <i>Epidemiology</i> , <b>2008</b> , 19, 409-16	3.1	44
65	Dealing with uncertainties in environmental burden of disease assessment. <i>Environmental Health</i> , <b>2009</b> , 8, 21	6	43

64	Composition of PM affects acute vascular inflammatory and coagulative markers - the RAPTES project. <i>PLoS ONE</i> , <b>2013</b> , 8, e58944	3.7	42
63	Comparing non-specific physical symptoms in environmentally sensitive patients: prevalence, duration, functional status and illness behavior. <i>Journal of Psychosomatic Research</i> , <b>2014</b> , 76, 405-13	4.1	39
62	The associations of air pollution, traffic noise and green space with overweight throughout childhood: The PIAMA birth cohort study. <i>Environmental Research</i> , <b>2019</b> , 169, 348-356	7.9	39
61	Acute nasal pro-inflammatory response to air pollution depends on characteristics other than particle mass concentration or oxidative potential: the RAPTES project. <i>Occupational and Environmental Medicine</i> , <b>2013</b> , 70, 341-8	2.1	36
60	EXPOLIS simulation model: PM2.5 application and comparison with measurements in Helsinki. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2003</b> , 13, 74-85	6.7	35
59	Surrounding green, air pollution, traffic noise exposure and non-accidental and cause-specific mortality. <i>Environment International</i> , <b>2020</b> , 134, 105341	12.9	35
58	Green space, air pollution, traffic noise and cardiometabolic health in adolescents: The PIAMA birth cohort. <i>Environment International</i> , <b>2019</b> , 131, 104991	12.9	34
57	Variation in characteristics of ambient particulate matter at eight locations in the Netherlands □ The RAPTES project. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 4442-4453	5.3	30
56	Neurobehavioral effects of transportation noise in primary schoolchildren: a cross-sectional study. <i>Environmental Health</i> , <b>2010</b> , 9, 25	6	30
55	Symptoms and related functioning in a traumatized community. <i>Archives of Internal Medicine</i> , <b>2005</b> , 165, 2402-7		30
54	Differences in views of experts about their role in particulate matter policy advice: Empirical evidence from an international expert consultation. <i>Environmental Science and Policy</i> , <b>2016</b> , 59, 44-52	6.2	29
53	Indoor air pollution and its effect on pulmonary function of adult non-smoking women: I. Exposure estimates for nitrogen dioxide and passive smoking. <i>International Journal of Epidemiology</i> , <b>1985</b> , 14, 215-20	7.8	28
52	Challenges of exposure assessment for health studies in the aftermath of chemical incidents and disasters. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2008</b> , 18, 341-59	6.7	27
51	Assessing health consequences in an environmental impact assessment. <i>Environmental Impact Assessment Review</i> , <b>2002</b> , 22, 633-653	5.3	27
50	Green Space Visits among Adolescents: Frequency and Predictors in the PIAMA Birth Cohort Study. <i>Environmental Health Perspectives</i> , <b>2018</b> , 126, 047016	8.4	26
49	Assessment of complex environmental health problems: framing the structures and structuring the frameworks. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 2785-94	10.2	24
48	Field Comparison of two NO2 Passive Samplers to Assess Spatial Variation. <i>Environmental Monitoring and Assessment</i> , <b>1998</b> , 50, 37-51	3.1	24
47	Risk factors for physical symptoms after a disaster: a longitudinal study. <i>Psychological Medicine</i> , <b>2008</b> , 38, 499-510	6.9	24

46	A longitudinal comparative study of the physical and mental health problems of affected residents of the firework disaster Enschede, The Netherlands. <i>Public Health</i> , <b>2007</b> , 121, 367-74	4	22
45	An aggregate public health indicator to represent the impact of multiple environmental exposures. <i>Epidemiology</i> , <b>1999</b> , 10, 606-17	3.1	21
44	Components of ambient air pollution affect thrombin generation in healthy humans: the RAPTES project. <i>Occupational and Environmental Medicine</i> , <b>2013</b> , 70, 332-40	2.1	20
43	Why Do Countries Regulate Environmental Health Risks Differently? A Theoretical Perspective. <i>Risk Analysis</i> , <b>2019</b> , 39, 439-461	3.9	19
42	Non-specific physical symptoms in relation to actual and perceived proximity to mobile phone base stations and powerlines. <i>BMC Public Health</i> , <b>2011</b> , 11, 421	4.1	19
41	Residential surrounding green, air pollution, traffic noise and self-perceived general health. <i>Environmental Research</i> , <b>2019</b> , 179, 108751	7.9	18
40	The use of palmes diffusion tubes for measuring NO <sub>2</sub> in homes. <i>Atmospheric Environment</i> , <b>1986</b> , 20, 597-600		17
39	Risk Factors Indoors and Prevalences of Childhood Respiratory Health in Four Countries in Western and Central Europe. <i>Indoor Air</i> , <b>1998</b> , 8, 244-254	5.4	15
38	Indoor carbon monoxide pollution in The Netherlands. <i>Environment International</i> , <b>1982</b> , 8, 193-196	12.9	14
37	Development of Policy Relevant Human Biomonitoring Indicators for Chemical Exposure in the European Population. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	14
36	Different roles and viewpoints of scientific experts in advising on environmental health risks. <i>Risk Analysis</i> , <b>2013</b> , 33, 1844-57	3.9	13
35	Estimating human exposure to nitrogen dioxide: Results from a personal monitoring study among housewives. <i>Environment International</i> , <b>1986</b> , 12, 407-411	12.9	13
34	The role of scientific advisory bodies in precaution-based risk governance illustrated with the issue of uncertain health effects of electromagnetic fields. <i>Journal of Risk Research</i> , <b>2011</b> , 14, 451-466	4.2	12
33	The feasibility of using lead in hair concentration in monitoring environmental exposure in children. <i>International Archives of Occupational and Environmental Health</i> , <b>1980</b> , 46, 275-80	3.2	12
32	The relationship of modern health worries to non-specific physical symptoms and perceived environmental sensitivity: A study combining self-reported and general practice data. <i>Journal of Psychosomatic Research</i> , <b>2015</b> , 79, 355-61	4.1	11
31	Errors in Exposure Measures. <i>Toxicology and Industrial Health</i> , <b>1990</b> , 6, 147-156	1.8	10
30	Multi-country willingness to pay study on road-traffic environmental health effects: are people willing and able to provide a number?. <i>Environmental Health</i> , <b>2014</b> , 13, 35	6	9
29	Risk factors for unexplained symptoms after a disaster: a five-year longitudinal study in general practice. <i>Psychosomatics</i> , <b>2009</b> , 50, 69-77	2.6	9

28	Effects of Dutch livestock production on human health and the environment. <i>Science of the Total Environment</i> , <b>2020</b> , 737, 139702	10.2	8
27	Defining exposure science. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2005</b> , 15, 463	6.7	8
26	Characterization of model error in a simulation of fine particulate matter exposure distributions of the working age population in Helsinki, Finland. <i>Journal of the Air and Waste Management Association</i> , <b>2005</b> , 55, 446-57	2.4	8
25	The relationship between indoor nitrogen dioxide concentration levels and personal exposure: a pilot study. <i>International Archives of Occupational and Environmental Health</i> , <b>1984</b> , 55, 73-8	3.2	8
24	Integrated Environmental Health Impact Assessment for Risk Governance Purposes; Across What Do We Integrate?. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 13, ijerph13010071	4.6	8
23	Clinically defined non-specific symptoms in the vicinity of mobile phone base stations: A retrospective before-after study. <i>Science of the Total Environment</i> , <b>2016</b> , 565, 714-720	10.2	8
22	Risk of pneumonia among residents living near goat and poultry farms during 2014-2016. <i>PLoS ONE</i> , <b>2019</b> , 14, e0223601	3.7	7
21	Are physical symptoms among survivors of a disaster presented to the general practitioner? A comparison between self-reports and GP data. <i>BMC Health Services Research</i> , <b>2007</b> , 7, 150	2.9	6
20	Modulation Of Host Defenses By Exposure To Oxidant Air Pollutants. <i>Inhalation Toxicology</i> , <b>1995</b> , 7, 405-423	4.3	6
19	Network Analysis to Identify Communities Among Multiple Exposure Biomarkers Measured at Birth in Three Flemish General Population Samples. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 590038	6	6
18	Design of an ecological momentary assessment study of exposure to radiofrequency electromagnetic fields and non-specific physical symptoms. <i>BMJ Open</i> , <b>2013</b> , 3, e002933	3	5
17	Effects of exposure to surrounding green, air pollution and traffic noise with non-accidental and cause-specific mortality in the Dutch national cohort. <i>Environmental Health</i> , <b>2021</b> , 20, 82	6	5
16	Rapid Assessment of Stakeholder Concerns about Public Health. An Introduction to a Fast and Inexpensive Approach Applied on Health Concerns about Intensive Animal Production Systems. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	4
15	Detecting indoor CO exposure by measuring CO in exhaled breath. <i>International Archives of Occupational and Environmental Health</i> , <b>1983</b> , 53, 167-73	3.2	4
14	Variation of indoor nitrogen dioxide concentrations over a one-year period. <i>Environment International</i> , <b>1986</b> , 12, 279-282	12.9	4
13	Green space, air pollution, traffic noise and saliva cortisol in children: The PIAMA study. <i>Environmental Epidemiology</i> , <b>2021</b> , 5, e141	0.2	4
12	Understanding conflicting views of endocrine disruptor experts: a pilot study using argumentation analysis. <i>Journal of Risk Research</i> , <b>2020</b> , 23, 62-80	4.2	4
11	An International Comparison of the Instigation and Design of Health Registers in the Epidemiological Response to Major Environmental Health Incidents. <i>Journal of Public Health Management and Practice</i> , <b>2017</b> , 23, 20-28	1.9	3

10	Different roles of electromagnetic field experts when giving policy advice: an expert consultation. <i>Environmental Health</i> , <b>2015</b> , 14, 7	6	3
9	Airborne particulate matter and acute lung inflammation: Strak et al. Respond. <i>Environmental Health Perspectives</i> , <b>2013</b> , 121, A11-2	8.4	3
8	EFFECTS OF DROPOUT AND ITEM NONRESPONSE IN THE FOLLOW-UP OF THE VICTIMS OF THE ENSCHEDE FIREWORK DISASTER. <i>Epidemiology</i> , <b>2003</b> , 14, S108	3.1	3
7	Models of human exposure based on environmental monitoring. <i>Science of the Total Environment</i> , <b>1995</b> , 168, 179-85	10.2	2
6	Assessing Future Trends in Indoor Air Quality. <i>Toxicology and Industrial Health</i> , <b>1990</b> , 6, 103-115	1.8	2
5	Expert Views on Their Role as Policy Advisor: Pilot Study for the Cases of Electromagnetic Fields, Particulate Matter, and Antimicrobial Resistance. <i>Risk Analysis</i> , <b>2019</b> , 39, 968-974	3.9	2
4	Proximity to livestock farms and exposure to livestock-related particulate matter are associated with lower probability of medication dispensing for obstructive airway diseases. <i>International Journal of Hygiene and Environmental Health</i> , <b>2021</b> , 231, 113651	6.9	2
3	Analysis of different preferences for the EU's regulatory options for endocrine disruptor identification criteria using argumentation theory. <i>Science of the Total Environment</i> , <b>2020</b> , 740, 140076	10.2	1
2	Green space, air pollution, traffic noise and mental wellbeing throughout adolescence: Findings from the PIAMA study.. <i>Environment International</i> , <b>2022</b> , 163, 107197	12.9	1
1	Indoor NoX Pollution. <i>Studies in Environmental Science</i> , <b>1982</b> , 21, 225-233		0