

# Erik Lebret

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

6,535  
citations

76294

40  
h-index

64755

79  
g-index

103  
all docs

103  
docs citations

103  
times ranked

7890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping urban air pollution using GIS: a regression-based approach. <i>International Journal of Geographical Information Science</i> , 1997, 11, 699-718.	2.2	520
2	Improving health through policies that promote active travel: A review of evidence to support integrated health impact assessment. <i>Environment International</i> , 2011, 37, 766-777.	4.8	452
3	Respiratory Health Effects of Airborne Particulate Matter: The Role of Particle Size, Composition, and Oxidative Potential—The RAPTES Project. <i>Environmental Health Perspectives</i> , 2012, 120, 1183-1189.	2.8	288
4	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> , 2011, 8, 26.	2.8	254
5	Traffic-related differences in outdoor and indoor concentrations of particles and volatile organic compounds in Amsterdam. <i>Atmospheric Environment</i> , 2000, 34, 3713-3722.	1.9	242
6	Chronic respiratory symptoms in children and adults living along streets with high traffic density.. <i>Occupational and Environmental Medicine</i> , 1996, 53, 241-247.	1.3	213
7	The use of expert elicitation in environmental health impact assessment: a seven step procedure. <i>Environmental Health</i> , 2010, 9, 19.	1.7	199
8	Current EU research activities on combined exposure to multiple chemicals. <i>Environment International</i> , 2018, 120, 544-562.	4.8	169
9	Infiltration of ambient PM2.5 and levels of indoor generated non-ETS PM2.5 in residences of four European cities. <i>Atmospheric Environment</i> , 2004, 38, 6411-6423.	1.9	167
10	Statement on advancing the assessment of chemical mixtures and their risks for human health and the environment. <i>Environment International</i> , 2020, 134, 105267.	4.8	165
11	Aircraft noise around a large international airport and its impact on general health and medication use. <i>Occupational and Environmental Medicine</i> , 2004, 61, 405-413.	1.3	164
12	Roles of scientists as policy advisers on complex issues: A literature review. <i>Environmental Science and Policy</i> , 2014, 40, 16-25.	2.4	164
13	Associations of combined exposures to surrounding green, air pollution and traffic noise on mental health. <i>Environment International</i> , 2019, 129, 525-537.	4.8	163
14	Human biomonitoring as a tool to support chemicals regulation in the European Union. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 94-97.	2.1	160
15	Green space definition affects associations of green space with overweight and physical activity. <i>Environmental Research</i> , 2018, 160, 531-540.	3.7	158
16	Expert elicitation on ultrafine particles: likelihood of health effects and causal pathways. <i>Particle and Fibre Toxicology</i> , 2009, 6, 19.	2.8	153
17	Small area variations in ambient NO2 concentrations in four European areas. <i>Atmospheric Environment</i> , 2000, 34, 177-185.	1.9	134
18	Air pollution related deaths during the 2003 heat wave in the Netherlands. <i>Atmospheric Environment</i> , 2004, 38, 1083-1085.	1.9	124

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19	Spatial variations in the concentrations of traffic-related pollutants in indoor and outdoor air in Huddersfield, England. <i>Atmospheric Environment</i> , 2000, 34, 905-916.	1.9	119
20	PM10 and PM2.5 concentrations in Central and Eastern Europe. <i>Atmospheric Environment</i> , 2001, 35, 2757-2771.	1.9	104
21	An Aggregate Public Health Indicator to Represent the Impact of Multiple Environmental Exposures. <i>Epidemiology</i> , 1999, 10, 606-617.	1.2	103
22	Long-term personal exposure to traffic-related air pollution among school children, a validation study. <i>Science of the Total Environment</i> , 2006, 368, 565-573.	3.9	93
23	Medically Unexplained Physical Symptoms in the Aftermath of Disasters. <i>Epidemiologic Reviews</i> , 2005, 27, 92-106.	1.3	91
24	Associations of Combined Exposures to Surrounding Green, Air Pollution, and Road Traffic Noise with Cardiometabolic Diseases. <i>Environmental Health Perspectives</i> , 2019, 127, 87003.	2.8	91
25	Physical and mental health shortly after a disaster: first results from the Enschede firework disaster study. <i>European Journal of Public Health</i> , 2006, 16, 252-258.	0.1	78
26	Acute Effects of Ambient Ozone on Pulmonary Function of Children in the Netherlands. <i>The American Review of Respiratory Disease</i> , 1993, 147, 111-117.	2.9	72
27	Volatile organic compounds in dutch homes. <i>Environment International</i> , 1986, 12, 323-332.	4.8	70
28	Surrounding green, air pollution, traffic noise exposure and non-accidental and cause-specific mortality. <i>Environment International</i> , 2020, 134, 105341.	4.8	68
29	Idiopathic environmental intolerance attributed to electromagnetic fields (IEI-EMF): A systematic review of identifying criteria. <i>BMC Public Health</i> , 2012, 12, 643.	1.2	64
30	The associations of air pollution, traffic noise and green space with overweight throughout childhood: The PIAMA birth cohort study. <i>Environmental Research</i> , 2019, 169, 348-356.	3.7	64
31	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> , 2014, 497-498, 420-429.	3.9	63
32	Green space, air pollution, traffic noise and cardiometabolic health in adolescents: The PIAMA birth cohort. <i>Environment International</i> , 2019, 131, 104991.	4.8	62
33	Speciation of arsenic compounds in urine by LC-ICP MS. <i>Applied Organometallic Chemistry</i> , 1998, 12, 591-599.	1.7	59
34	Dealing with uncertainties in environmental burden of disease assessment. <i>Environmental Health</i> , 2009, 8, 21.	1.7	59
35	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> , 2015, 218, 331-344.	2.1	59
36	Traffic-Related Outdoor Air Pollution and Respiratory Symptoms in Children. <i>Epidemiology</i> , 2008, 19, 409-416.	1.2	56

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37	Non-specific physical symptoms and electromagnetic field exposure in the general population: Can we get more specific? A systematic review. <i>Environment International</i> , 2012, 41, 15-28.	4.8	56
38	Composition of PM Affects Acute Vascular Inflammatory and Coagulative Markers - The RAPTES Project. <i>PLoS ONE</i> , 2013, 8, e58944.	1.1	55
39	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> , 2003, 13, 87-99.	1.8	52
40	Comparing non-specific physical symptoms in environmentally sensitive patients: Prevalence, duration, functional status and illness behavior. <i>Journal of Psychosomatic Research</i> , 2014, 76, 405-413.	1.2	47
41	Neurobehavioral effects of transportation noise in primary schoolchildren: a cross-sectional study. <i>Environmental Health</i> , 2010, 9, 25.	1.7	44
42	Green Space Visits among Adolescents: Frequency and Predictors in the PIAMA Birth Cohort Study. <i>Environmental Health Perspectives</i> , 2018, 126, 047016.	2.8	43
43	EXPOLIS simulation model: PM2.5 application and comparison with measurements in Helsinki. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2003, 13, 74-85.	1.8	40
44	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> , 2013, 70, 341-348.	1.3	40
45	Residential surrounding green, air pollution, traffic noise and self-perceived general health. <i>Environmental Research</i> , 2019, 179, 108751.	3.7	39
46	Field Comparison of two NO2 Passive Samplers to Assess Spatial Variation. <i>Environmental Monitoring and Assessment</i> , 1998, 50, 37-51.	1.3	35
47	Variation in characteristics of ambient particulate matter at eight locations in the Netherlands – The RAPTES project. <i>Atmospheric Environment</i> , 2011, 45, 4442-4453.	1.9	35
48	Symptoms and Related Functioning in a Traumatized Community. <i>Archives of Internal Medicine</i> , 2005, 165, 2402.	4.3	33
49	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> , 2016, 59, 44-52.	2.4	33
50	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> , 1985, 14, 215-220.	0.9	32
51	Assessing health consequences in an environmental impact assessment. <i>Environmental Impact Assessment Review</i> , 2002, 22, 633-653.	4.4	32
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> , 2008, 18, 341-359.	1.8	32
53	Why Do Countries Regulate Environmental Health Risks Differently? A Theoretical Perspective. <i>Risk Analysis</i> , 2019, 39, 439-461.	1.5	30
54	Effects of Dutch livestock production on human health and the environment. <i>Science of the Total Environment</i> , 2020, 737, 139702.	3.9	30

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55	Risk factors for physical symptoms after a disaster: a longitudinal study. <i>Psychological Medicine</i> , 2008, 38, 499-510.	2.7	29
56	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> , 2021, 20, 82.	1.7	29
57	Assessment of complex environmental health problems: Framing the structures and structuring the frameworks. <i>Science of the Total Environment</i> , 2010, 408, 2785-2794.	3.9	28
58	Development of Policy Relevant Human Biomonitoring Indicators for Chemical Exposure in the European Population. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2085.	1.2	26
59	Green space, air pollution, traffic noise and mental wellbeing throughout adolescence: Findings from the PIAMA study. <i>Environment International</i> , 2022, 163, 107197.	4.8	25
60	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> , 2007, 121, 367-374.	1.4	24
61	The use of palmes diffusion tubes for measuring NO2 in homes. <i>Atmospheric Environment</i> , 1986, 20, 597-600.	1.1	22
62	Non-specific physical symptoms in relation to actual and perceived proximity to mobile phone base stations and powerlines. <i>BMC Public Health</i> , 2011, 11, 421.	1.2	22
63	Components of ambient air pollution affect thrombin generation in healthy humans: the RAPTES project. <i>Occupational and Environmental Medicine</i> , 2013, 70, 332-340.	1.3	22
64	An aggregate public health indicator to represent the impact of multiple environmental exposures. <i>Epidemiology</i> , 1999, 10, 606-17.	1.2	21
65	Indoor carbon monoxide pollution in The Netherlands. <i>Environment International</i> , 1982, 8, 193-196.	4.8	17
66	Estimating human exposure to nitrogen dioxide: Results from a personal monitoring study among housewives. <i>Environment International</i> , 1986, 12, 407-411.	4.8	17
67	Risk Factors Indoors and Prevalences of Childhood Respiratory Health in Four Countries in Western and Central Europe. <i>Indoor Air</i> , 1998, 8, 244-254.	2.0	16
68	The relationship between indoor nitrogen dioxide concentration levels and personal exposure: a pilot study. <i>International Archives of Occupational and Environmental Health</i> , 1984, 55, 73-78.	1.1	15
69	The feasibility of using lead in hair concentration in monitoring environmental exposure in children. <i>International Archives of Occupational and Environmental Health</i> , 1980, 46, 275-280.	1.1	14
70	Different Roles and Viewpoints of Scientific Experts in Advising on Environmental Health Risks. <i>Risk Analysis</i> , 2013, 33, 1844-1857.	1.5	14
71	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> , 2014, 13, 35.	1.7	14
72	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> , 2015, 79, 355-361.	1.2	14

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73	Defining Exposure Science. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005, 15, 463-463.	1.8	13
74	The role of scientific advisory bodies in precautionâ€based risk governance illustrated with the issue of uncertain health effects of electromagnetic fields. <i>Journal of Risk Research</i> , 2011, 14, 451-466.	1.4	13
75	Network Analysis to Identify Communities Among Multiple Exposure Biomarkers Measured at Birth in Three Flemish General Population Samples. <i>Frontiers in Public Health</i> , 2021, 9, 590038.	1.3	13
76	Errors in Exposure Measures. <i>Toxicology and Industrial Health</i> , 1990, 6, 147-156.	0.6	12
77	Risk of pneumonia among residents living near goat and poultry farms during 2014-2016. <i>PLoS ONE</i> , 2019, 14, e0223601.	1.1	12
78	Integrated Environmental Health Impact Assessment for Risk Governance Purposes; Across What Do We Integrate?. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 71.	1.2	11
79	Green space, air pollution, traffic noise and saliva cortisol in children. <i>Environmental Epidemiology</i> , 2021, 5, e141.	1.4	11
80	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> , 2005, 55, 446-457.	0.9	10
81	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> , 2016, 565, 714-720.	3.9	10
82	Risk Factors for Unexplained Symptoms After a Disaster: A Five-Year Longitudinal Study in General Practice. <i>Psychosomatics</i> , 2009, 50, 69-77.	2.5	9
83	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> , 2017, 23, 20-28.	0.7	9
84	Detecting indoor CO exposure by measuring CO in exhaled breath. <i>International Archives of Occupational and Environmental Health</i> , 1983, 53, 167-173.	1.1	7
85	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> , 2021, 231, 113651.	2.1	7
86	Modulation Of Host Defenses By Exposure To Oxidant Air Pollutants. <i>Inhalation Toxicology</i> , 1995, 7, 405-423.	0.8	6
87	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> , 2007, 7, 150.	0.9	6
88	Design of an ecological momentary assessment study of exposure to radiofrequency electromagnetic fields and non-specific physical symptoms. <i>BMJ Open</i> , 2013, 3, e002933.	0.8	6
89	Understanding conflicting views of endocrine disruptor experts: a pilot study using argumentation analysis. <i>Journal of Risk Research</i> , 2020, 23, 62-80.	1.4	6
90	Airborne Particulate Matter and Acute Lung Inflammation: Strak et al. Respond. <i>Environmental Health Perspectives</i> , 2013, 121, A11-2.	2.8	5

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91	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. International Journal of Environmental Research and Public Health, 2017, 14, 1534.	1.2	5
92	EFFECTS OF DROPOUT AND ITEM NONRESPONSE IN THE FOLLOW-UP OF THE VICTIMS OF THE ENSCHEDE FIREWORK DISASTER. Epidemiology, 2003, 14, S108.	1.2	5
93	Variation of indoor nitrogen dioxide concentrations over a one-year period. Environment International, 1986, 12, 279-282.	4.8	4
94	Different roles of electromagnetic field experts when giving policy advice: an expert consultation. Environmental Health, 2015, 14, 7.	1.7	3
95	Expert Views on Their Role as Policy Advisor: Pilot Study for the Cases of Electromagnetic Fields, Particulate Matter, and Antimicrobial Resistance. Risk Analysis, 2019, 39, 968-974.	1.5	3
96	Assessing Future Trends in Indoor Air Quality. Toxicology and Industrial Health, 1990, 6, 103-115.	0.6	2
97	Models of human exposure based on environmental monitoring. Science of the Total Environment, 1995, 168, 179-185.	3.9	2
98	The Major Themes from the Plenary Panel Session of the International Society of Exposure Analysis "2004 Annual Meeting on: The Application of Exposure Assessment to Environmental Health Science and Public Policy" What has been Accomplished and What Needs to Happen before Our 25th Anniversary in 2014. Journal of Exposure Science and Environmental Epidemiology, 2005, 15, 121-122.	1.8	1
99	Analysis of different preferences for the EU's regulatory options for endocrine disruptor identification criteria using argumentation theory. Science of the Total Environment, 2020, 740, 140076.	3.9	1
100	Argumentation Analysis of Risk Assessments: The Case of Perfluorooctanoic Acid. Risk Analysis, 2021, , .	1.5	1
101	Indoor NoX Pollution. Studies in Environmental Science, 1982, 21, 225-233.	0.0	1
102	VALUING ENVIRONMENTAL HEALTH IMPACT OF TRAFFIC CIRCULATION PLAN IN THE HAGUE. ISEE Conference Abstracts, 2011, 2011, .	0.0	0