

# Marloes Eeftens

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

9,546  
citations

57758

44  
h-index

58581

82  
g-index

85  
all docs

85  
docs citations

85  
times ranked

9959  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollen exposure is associated with risk of respiratory symptoms during the first year of life. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3606-3616.	5.7	5
2	Modelling daily air temperature at a fine spatial resolution dealing with challenging meteorological phenomena and topography in Switzerland. International Journal of Climatology, 2022, 42, 6413-6428.	3.5	8
3	Personal radiofrequency electromagnetic field exposure of adolescents in the Greater London area in the SCAMP cohort and the association with restrictions on permitted use of mobile communication technologies at school and at home. Environmental Research, 2022, 212, 113252.	7.5	6
4	Radiofrequency electromagnetic fields from mobile communication: Description of modeled dose in brain regions and the body in European children and adolescents. Environmental Research, 2021, 193, 110505.	7.5	13
5	Association of activities related to pesticide exposure on headache severity and neurodevelopment of school-children in the rural agricultural farmlands of the Western Cape of South Africa. Environment International, 2021, 146, 106237.	10.0	27
6	Rationale and Design of a Panel Study Investigating Six Health Effects of Airborne Pollen: The EPOCHAL Study. Frontiers in Public Health, 2021, 9, 689248.	2.7	3
7	Multi-decade changes in pollen season onset, duration, and intensity: A concern for public health?. Science of the Total Environment, 2021, 781, 146382.	8.0	27
8	Rationale, design and preliminary results of a panel study investigating six health effects of airborne pollen: the EPOCHAL study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
9	Exposure to radiofrequency electromagnetic fields: Comparison of exposimeters with a novel body-worn distributed meter. Environment International, 2021, 156, 106711.	10.0	9
10	Estimated all-day and evening whole-brain radiofrequency electromagnetic fields doses, and sleep in preadolescents. Environmental Research, 2021, 204, 112291.	7.5	5
11	A real-world quality assessment study in six ExpoM-RF measurement devices. Environmental Research, 2020, 182, 109049.	7.5	8
12	Different aspects of electronic media use, symptoms and neurocognitive outcomes of children and adolescents in the rural Western Cape region of South Africa. Environmental Research, 2020, 184, 109315.	7.5	16
13	Public exposure to radiofrequency electromagnetic fields in everyday microenvironments: An updated systematic review for Europe. Environmental Research, 2019, 176, 108517.	7.5	64
14	A Multi-Band Body-Worn Distributed Exposure Meter for Personal Radio-Frequency Dosimetry in Diffuse Indoor Environments. IEEE Sensors Journal, 2019, 19, 6927-6937.	4.7	8
15	Modelling the vertical gradient of nitrogen dioxide in an urban area. Science of the Total Environment, 2019, 650, 452-458.	8.0	11
16	The effect of antenna polarization and body morphology on the measurement uncertainty of a wearable multi-band distributed exposure meter. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 67-77.	2.5	5
17	Assessment of radiofrequency electromagnetic field exposure from personal measurements considering the body shadowing effect in Korean children and parents. Science of the Total Environment, 2018, 627, 1544-1551.	8.0	22
18	Total recall in the SCAMP cohort: Validation of self-reported mobile phone use in the smartphone era. Environmental Research, 2018, 161, 1-8.	7.5	26

#	ARTICLE	IF	CITATIONS
19	Air pollution and incidence of cancers of the stomach and the upper aerodigestive tract in the European Study of Cohorts for Air Pollution Effects (ESCAPE). <i>International Journal of Cancer</i> , 2018, 143, 1632-1643.	5.1	57
20	OP VI " 5" Spatial and temporal variability of personal exposure to radio frequency electromagnetic fields in children in europe. , 2018, , .		0
21	Is There an Association Between Ambient Air Pollution and Bladder Cancer Incidence? Analysis of 15 European Cohorts. <i>European Urology Focus</i> , 2018, 4, 113-120.	3.1	33
22	Land use regression models for the oxidative potential of fine particles (PM 2.5 ) in five European areas. <i>Environmental Research</i> , 2018, 160, 247-255.	7.5	35
23	Radiofrequency electromagnetic field exposure in everyday microenvironments in Europe: A systematic literature review. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 147-160.	3.9	67
24	A Prospective Cohort Study of Adolescents'™ Memory Performance and Individual Brain Dose of Microwave Radiation from Wireless Communication. <i>Environmental Health Perspectives</i> , 2018, 126, 077007.	6.0	53
25	Dealing with crosstalk in electromagnetic field measurements of portable devices. <i>Bioelectromagnetics</i> , 2018, 39, 529-538.	1.6	11
26	Personal exposure to radio-frequency electromagnetic fields in Europe: Is there a generation gap?. <i>Environment International</i> , 2018, 121, 216-226.	10.0	28
27	Spatial and temporal variability of personal environmental exposure to radio frequency electromagnetic fields in children in Europe. <i>Environment International</i> , 2018, 117, 204-214.	10.0	59
28	A Multi-Band Body-Worn Distributed Radio-Frequency Exposure Meter: Design, On-Body Calibration and Study of Body Morphology. <i>Sensors</i> , 2018, 18, 272.	3.8	17
29	Particulate matter air pollution components and incidence of cancers of the stomach and the upper aerodigestive tract in the European Study of Cohorts of Air Pollution Effects (ESCAPE). <i>Environment International</i> , 2018, 120, 163-171.	10.0	56
30	Outdoor air pollution and risk for kidney parenchyma cancer in 14 European cohorts. <i>International Journal of Cancer</i> , 2017, 140, 1528-1537.	5.1	44
31	Time to harmonize national ambient air quality standards. <i>International Journal of Public Health</i> , 2017, 62, 453-462.	2.3	77
32	Personal radiofrequency electromagnetic field exposure measurements in Swiss adolescents. <i>Environment International</i> , 2017, 99, 303-314.	10.0	57
33	Spatial variations and development of land use regression models of oxidative potential in ten European study areas. <i>Atmospheric Environment</i> , 2017, 150, 24-32.	4.1	34
34	Residential Air Pollution and Associations with Wheeze and Shortness of Breath in Adults: A Combined Analysis of Cross-Sectional Data from Two Large European Cohorts. <i>Environmental Health Perspectives</i> , 2017, 125, 097025.	6.0	35
35	Particulate Matter and Subclinical Atherosclerosis: Associations between Different Particle Sizes and Sources with Carotid Intima-Media Thickness in the SAPALDIA Study. <i>Environmental Health Perspectives</i> , 2016, 124, 1700-1706.	6.0	64
36	Development of West-European PM 2.5 and NO 2 land use regression models incorporating satellite-derived and chemical transport modelling data. <i>Environmental Research</i> , 2016, 151, 1-10.	7.5	145

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37	Use of portable exposimeters to monitor radiofrequency electromagnetic field exposure in the everyday environment. <i>Environmental Research</i> , 2016, 150, 289-298.	7.5	42
38	Development of land use regression models for nitrogen dioxide, ultrafine particles, lung deposited surface area, and four other markers of particulate matter pollution in the Swiss SAPALDIA regions. <i>Environmental Health</i> , 2016, 15, 53.	4.0	63
39	The association of air pollution and depressed mood in 70,928 individuals from four European cohorts. <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 212-219.	4.3	126
40	Particulate matter air pollution components and risk for lung cancer. <i>Environment International</i> , 2016, 87, 66-73.	10.0	219
41	Particulate Matter Composition and Respiratory Health. <i>Epidemiology</i> , 2015, 26, 300-309.	2.7	113
42	Air Pollution and Lung Function in Dutch Children: A Comparison of Exposure Estimates and Associations Based on Land Use Regression and Dispersion Exposure Modeling Approaches. <i>Environmental Health Perspectives</i> , 2015, 123, 847-851.	6.0	38
43	Spatial Variation and Land Use Regression Modeling of the Oxidative Potential of Fine Particles. <i>Environmental Health Perspectives</i> , 2015, 123, 1187-1192.	6.0	61
44	Land use regression models for crustal and traffic-related PM <sub>2.5</sub> constituents in four areas of the SAPALDIA study. <i>Environmental Research</i> , 2015, 140, 377-384.	7.5	23
45	Modeling indoor air pollution of outdoor origin in homes of SAPALDIA subjects in Switzerland. <i>Environment International</i> , 2015, 82, 85-91.	10.0	46
46	Ambient Ultrafine Particle Levels at Residential and Reference Sites in Urban and Rural Switzerland. <i>Environmental Science &amp; Technology</i> , 2015, 49, 2709-2715.	10.0	19
47	Satellite NO <sub>2</sub> data improve national land use regression models for ambient NO <sub>2</sub> in a small densely populated country. <i>Atmospheric Environment</i> , 2015, 105, 173-180.	4.1	43
48	Adult lung function and long-term air pollution exposure. ESCAPE: a multicentre cohort study and meta-analysis. <i>European Respiratory Journal</i> , 2015, 45, 38-50.	6.7	297
49	Differences in indoor versus outdoor concentrations of ultrafine particles, PM <sub>2.5</sub> , PM <sub>absorbance</sub> and NO <sub>2</sub> in Swiss homes. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 499-505.	3.9	51
50	Traffic-related air pollution and noise and children's blood pressure: Results from the PIAMA birth cohort study. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 4-12.	1.8	91
51	Associations between particulate matter composition and childhood blood pressure – The PIAMA study. <i>Environment International</i> , 2015, 84, 1-6.	10.0	48
52	Natural-Cause Mortality and Long-Term Exposure to Particle Components: An Analysis of 19 European Cohorts within the Multi-Center ESCAPE Project. <i>Environmental Health Perspectives</i> , 2015, 123, 525-533.	6.0	130
53	Spatial variations of levoglucosan in four European study areas. <i>Science of the Total Environment</i> , 2015, 505, 1072-1081.	8.0	27
54	Spatial and temporal variability of ultrafine particles, NO <sub>2</sub> , PM <sub>2.5</sub> , PM <sub>2.5</sub> absorbance, PM <sub>10</sub> and PM <sub>coarse</sub> in Swiss study areas. <i>Atmospheric Environment</i> , 2015, 111, 60-70.	4.1	58

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55	Use of portable exposimeters to monitor radiofrequency electromagnetic field exposure in the everyday environment. , 2015, , .		0
56	Spatial variation of PM elemental composition between and within 20 European study areas " Results of the ESCAPE project. Environment International, 2015, 84, 181-192.	10.0	49
57	Performance of Multi-City Land Use Regression Models for Nitrogen Dioxide and Fine Particles. Environmental Health Perspectives, 2014, 122, 843-849.	6.0	61
58	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
59	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
60	Development of Land Use Regression Models for Elemental, Organic Carbon, PAH, and Hopanes/Steranes in 10 ESCAPE/TRANSPHORM European Study Areas. Environmental Science & Technology, 2014, 48, 14435-14444.	10.0	35
61	Elemental Composition of Particulate Matter and the Association with Lung Function. Epidemiology, 2014, 25, 648-657.	2.7	59
62	Air Pollution During Pregnancy and Childhood Cognitive and Psychomotor Development. Epidemiology, 2014, 25, 636-647.	2.7	172
63	Long-term Exposure to Air Pollution and Cardiovascular Mortality. Epidemiology, 2014, 25, 368-378.	2.7	272
64	Air Pollution and Nonmalignant Respiratory Mortality in 16 Cohorts within the ESCAPE Project. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 684-696.	5.6	63
65	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
66	Spatial variations of PAH, hopanes/steranes and EC/OC concentrations within and between European study areas. Atmospheric Environment, 2014, 87, 239-248.	4.1	46
67	The association of LUR modeled PM2.5 elemental composition with personal exposure. Science of the Total Environment, 2014, 493, 298-306.	8.0	13
68	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
69	Comparison of ambient airborne PM2.5, PM2.5 absorbance and nitrogen dioxide ratios measured in 1999 and 2009 in three areas in Europe. Science of the Total Environment, 2014, 487, 290-298.	8.0	16
70	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
71	Agreement of Land Use Regression Models with Personal Exposure Measurements of Particulate Matter and Nitrogen Oxides Air Pollution. Environmental Science & Technology, 2013, 47, 130712144458004.	10.0	20
72	Quantifying urban street configuration for improvements in air pollution models. Atmospheric Environment, 2013, 72, 1-9.	4.1	60

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73	Personal, indoor and outdoor air pollution levels among pregnant women. Atmospheric Environment, 2013, 64, 287-295.	4.1	48
74	Evaluation of Land Use Regression Models for NO <sub>2</sub> and Particulate Matter in 20 European Study Areas: The ESCAPE Project. Environmental Science & Technology, 2013, 47, 4357-4364.	10.0	96
75	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
76	Development of NO <sub>2</sub> and NO <sub>x</sub> land use regression models for estimating air pollution exposure in 36 study areas in Europe – The ESCAPE project. Atmospheric Environment, 2013, 72, 10-23.	4.1	719
77	Air Pollution Exposure and Lung Function in Children: The ESCAPE Project. Environmental Health Perspectives, 2013, 121, 1357-1364.	6.0	320
78	Variation of NO <sub>2</sub> and NO <sub>x</sub> concentrations between and within 36 European study areas: Results from the ESCAPE study. Atmospheric Environment, 2012, 62, 374-390.	4.1	274
79	Spatial variation of PM <sub>2.5</sub> , PM <sub>10</sub> , PM <sub>2.5</sub> absorbance and PM <sub>coarse</sub> concentrations between and within 20 European study areas and the relationship with NO <sub>2</sub> – Results of the ESCAPE project. Atmospheric Environment, 2012, 62, 303-317.	4.1	392
80	Development of Land Use Regression Models for PM <sub>2.5</sub> , PM <sub>2.5</sub> Absorbance, PM <sub>10</sub> and PM <sub>coarse</sub> in 20 European Study Areas; Results of the ESCAPE Project. Environmental Science & Technology, 2012, 46, 11195-11205.	10.0	877
81	Systematic Evaluation of Land Use Regression Models for NO <sub>2</sub> . Environmental Science & Technology, 2012, 46, 4481-4489.	10.0	115
82	Nitrogen dioxide levels estimated from land use regression models several years apart and association with mortality in a large cohort study. Environmental Health, 2012, 11, 48.	4.0	178
83	Estimating Long-term Exposure to Air Pollution in 38 Study Areas in Europe in a Harmonized Way Using Land Use Regression Modeling (ESCAPE Project). Epidemiology, 2011, 22, S82.	2.7	1
84	Stability of measured and modelled spatial contrasts in NO <sub>2</sub> over time. Occupational and Environmental Medicine, 2011, 68, 765-770.	2.8	212