

Marloes Eeftens

List of Publications by Year in descending order

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84
papers

9,546
citations

57758

44
h-index

58581

82
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85
all docs

85
docs citations

85
times ranked

9959
citing authors

#	ARTICLE	IF	CITATIONS
1	Air pollution and lung cancer incidence in 17 European cohorts: prospective analyses from the European Study of Cohorts for Air Pollution Effects (ESCAPE). <i>Lancet Oncology</i> , The, 2013, 14, 813-822.	10.7	1,225
2	Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project. <i>Lancet</i> , The, 2014, 383, 785-795.	13.7	1,077
3	Development of Land Use Regression Models for PM _{2.5} , PM _{2.5} Absorbance, PM ₁₀ and PM _{coarse} in 20 European Study Areas; Results of the ESCAPE Project. <i>Environmental Science & Technology</i> , 2012, 46, 11195-11205.	10.0	877
4	Development of NO ₂ and NO _x land use regression models for estimating air pollution exposure in 36 study areas in Europe – The ESCAPE project. <i>Atmospheric Environment</i> , 2013, 72, 10-23.	4.1	719
5	Spatial variation of PM _{2.5} , PM ₁₀ , PM _{2.5} absorbance and PM _{coarse} concentrations between and within 20 European study areas and the relationship with NO ₂ – Results of the ESCAPE project. <i>Atmospheric Environment</i> , 2012, 62, 303-317.	4.1	392
6	Air Pollution Exposure and Lung Function in Children: The ESCAPE Project. <i>Environmental Health Perspectives</i> , 2013, 121, 1357-1364.	6.0	320
7	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
8	Variation of NO ₂ and NO _x concentrations between and within 36 European study areas: Results from the ESCAPE study. <i>Atmospheric Environment</i> , 2012, 62, 374-390.	4.1	274
9	Long-term Exposure to Air Pollution and Cardiovascular Mortality. <i>Epidemiology</i> , 2014, 25, 368-378.	2.7	272
10	Particulate matter air pollution components and risk for lung cancer. <i>Environment International</i> , 2016, 87, 66-73.	10.0	219
11	Stability of measured and modelled spatial contrasts in NO ₂ over time. <i>Occupational and Environmental Medicine</i> , 2011, 68, 765-770.	2.8	212
12	Nitrogen dioxide levels estimated from land use regression models several years apart and association with mortality in a large cohort study. <i>Environmental Health</i> , 2012, 11, 48.	4.0	178
13	Air Pollution During Pregnancy and Childhood Cognitive and Psychomotor Development. <i>Epidemiology</i> , 2014, 25, 636-647.	2.7	172
14	Development of Land Use Regression Models for Particle Composition in Twenty Study Areas in Europe. <i>Environmental Science & Technology</i> , 2013, 47, 5778-5786.	10.0	167
15	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
16	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
17	Long-term exposure to elemental constituents of particulate matter and cardiovascular mortality in 19 European cohorts: Results from the ESCAPE and TRANSPHORM projects. <i>Environment International</i> , 2014, 66, 97-106.	10.0	127
18	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

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19	Systematic Evaluation of Land Use Regression Models for NO ₂ . Environmental Science & Technology, 2012, 46, 4481-4489.	10.0	115
20	Particulate Matter Composition and Respiratory Health. Epidemiology, 2015, 26, 300-309.	2.7	113
21	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
22	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
23	Evaluation of Land Use Regression Models for NO ₂ and Particulate Matter in 20 European Study Areas: The ESCAPE Project. Environmental Science & Technology, 2013, 47, 4357-4364.	10.0	96
24	Traffic-related air pollution and noise and children's blood pressure: Results from the PIAMA birth cohort study. European Journal of Preventive Cardiology, 2015, 22, 4-12.	1.8	91
25	Time to harmonize national ambient air quality standards. International Journal of Public Health, 2017, 62, 453-462.	2.3	77
26	Radiofrequency electromagnetic field exposure in everyday microenvironments in Europe: A systematic literature review. Journal of Exposure Science and Environmental Epidemiology, 2018, 28, 147-160.	3.9	67
27	Particulate Matter and Subclinical Atherosclerosis: Associations between Different Particle Sizes and Sources with Carotid Intima-Media Thickness in the SAPALDIA Study. Environmental Health Perspectives, 2016, 124, 1700-1706.	6.0	64
28	Public exposure to radiofrequency electromagnetic fields in everyday microenvironments: An updated systematic review for Europe. Environmental Research, 2019, 176, 108517.	7.5	64
29	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
30	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. Environmental Health, 2016, 15, 53.	4.0	63
31	Performance of Multi-City Land Use Regression Models for Nitrogen Dioxide and Fine Particles. Environmental Health Perspectives, 2014, 122, 843-849.	6.0	61
32	Spatial Variation and Land Use Regression Modeling of the Oxidative Potential of Fine Particles. Environmental Health Perspectives, 2015, 123, 1187-1192.	6.0	61
33	Quantifying urban street configuration for improvements in air pollution models. Atmospheric Environment, 2013, 72, 1-9.	4.1	60
34	Elemental Composition of Particulate Matter and the Association with Lung Function. Epidemiology, 2014, 25, 648-657.	2.7	59
35	Spatial and temporal variability of personal environmental exposure to radio frequency electromagnetic fields in children in Europe. Environment International, 2018, 117, 204-214.	10.0	59
36	Spatial and temporal variability of ultrafine particles, NO ₂ , PM _{2.5} , PM _{2.5} absorbance, PM ₁₀ and PM _{coarse} in Swiss study areas. Atmospheric Environment, 2015, 111, 60-70.	4.1	58

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37	Personal radiofrequency electromagnetic field exposure measurements in Swiss adolescents. <i>Environment International</i> , 2017, 99, 303-314.	10.0	57
38	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
39	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
40	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
41	Differences in indoor versus outdoor concentrations of ultrafine particles, PM _{2.5} , PM _{absorbance} and NO ₂ in Swiss homes. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 499-505.	3.9	51
42	Spatial variation of PM elemental composition between and within 20 European study areas – Results of the ESCAPE project. <i>Environment International</i> , 2015, 84, 181-192.	10.0	49
43	Personal, indoor and outdoor air pollution levels among pregnant women. <i>Atmospheric Environment</i> , 2013, 64, 287-295.	4.1	48
44	Associations between particulate matter composition and childhood blood pressure – The PIAMA study. <i>Environment International</i> , 2015, 84, 1-6.	10.0	48
45	Spatial variations of PAH, hopanes/steranes and EC/OC concentrations within and between European study areas. <i>Atmospheric Environment</i> , 2014, 87, 239-248.	4.1	46
46	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
47	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
48	Satellite NO ₂ data improve national land use regression models for ambient NO ₂ in a small densely populated country. <i>Atmospheric Environment</i> , 2015, 105, 173-180.	4.1	43
49	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
50	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
51	Development of Land Use Regression Models for Elemental, Organic Carbon, PAH, and Hopanes/Steranes in 10 ESCAPE/TRANSPHORM European Study Areas. <i>Environmental Science & Technology</i> , 2014, 48, 14435-14444.	10.0	35
52	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
53	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
54	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

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55	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
56	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
57	Spatial variations of levoglucosan in four European study areas. <i>Science of the Total Environment</i> , 2015, 505, 1072-1081.	8.0	27
58	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. <i>Environment International</i> , 2021, 146, 106237.	10.0	27
59	Multi-decade changes in pollen season onset, duration, and intensity: A concern for public health?. <i>Science of the Total Environment</i> , 2021, 781, 146382.	8.0	27
60	Total recall in the SCAMP cohort: Validation of self-reported mobile phone use in the smartphone era. <i>Environmental Research</i> , 2018, 161, 1-8.	7.5	26
61	Land use regression models for crustal and traffic-related PM2.5 constituents in four areas of the SAPALDIA study. <i>Environmental Research</i> , 2015, 140, 377-384.	7.5	23
62	Assessment of radiofrequency electromagnetic field exposure from personal measurements considering the body shadowing effect in Korean children and parents. <i>Science of the Total Environment</i> , 2018, 627, 1544-1551.	8.0	22
63	Agreement of Land Use Regression Models with Personal Exposure Measurements of Particulate Matter and Nitrogen Oxides Air Pollution. <i>Environmental Science & Technology</i> , 2013, 47, 130712144458004.	10.0	20
64	Ambient Ultrafine Particle Levels at Residential and Reference Sites in Urban and Rural Switzerland. <i>Environmental Science & Technology</i> , 2015, 49, 2709-2715.	10.0	19
65	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
66	Comparison of ambient airborne PM2.5, PM2.5 absorbance and nitrogen dioxide ratios measured in 1999 and 2009 in three areas in Europe. <i>Science of the Total Environment</i> , 2014, 487, 290-298.	8.0	16
67	Different aspects of electronic media use, symptoms and neurocognitive outcomes of children and adolescents in the rural Western Cape region of South Africa. <i>Environmental Research</i> , 2020, 184, 109315.	7.5	16
68	The association of LUR modeled PM2.5 elemental composition with personal exposure. <i>Science of the Total Environment</i> , 2014, 493, 298-306.	8.0	13
69	Radiofrequency electromagnetic fields from mobile communication: Description of modeled dose in brain regions and the body in European children and adolescents. <i>Environmental Research</i> , 2021, 193, 110505.	7.5	13
70	Dealing with crosstalk in electromagnetic field measurements of portable devices. <i>Bioelectromagnetics</i> , 2018, 39, 529-538.	1.6	11
71	Modelling the vertical gradient of nitrogen dioxide in an urban area. <i>Science of the Total Environment</i> , 2019, 650, 452-458.	8.0	11
72	Exposure to radiofrequency electromagnetic fields: Comparison of exposimeters with a novel body-worn distributed meter. <i>Environment International</i> , 2021, 156, 106711.	10.0	9

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73	A Multi-Band Body-Worn Distributed Exposure Meter for Personal Radio-Frequency Dosimetry in Diffuse Indoor Environments. <i>IEEE Sensors Journal</i> , 2019, 19, 6927-6937.	4.7	8
74	A real-world quality assessment study in six ExpoM-RF measurement devices. <i>Environmental Research</i> , 2020, 182, 109049.	7.5	8
75	Modelling daily air temperature at a fine spatial resolution dealing with challenging meteorological phenomena and topography in Switzerland. <i>International Journal of Climatology</i> , 2022, 42, 6413-6428.	3.5	8
76	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. <i>Environmental Research</i> , 2022, 212, 113252.	7.5	6
77	The effect of antenna polarization and body morphology on the measurement uncertainty of a wearable multi-band distributed exposure meter. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2019, 74, 67-77.	2.5	5
78	Estimated all-day and evening whole-brain radiofrequency electromagnetic fields doses, and sleep in preadolescents. <i>Environmental Research</i> , 2021, 204, 112291.	7.5	5
79	Pollen exposure is associated with risk of respiratory symptoms during the first year of life. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3606-3616.	5.7	5
80	Rationale and Design of a Panel Study Investigating Six Health Effects of Airborne Pollen: The EPOCHAL Study. <i>Frontiers in Public Health</i> , 2021, 9, 689248.	2.7	3
81	Estimating Long-term Exposure to Air Pollution in 38 Study Areas in Europe in a Harmonized Way Using Land Use Regression Modeling (ESCAPE Project). <i>Epidemiology</i> , 2011, 22, S82.	2.7	1
82	Use of portable exposimeters to monitor radiofrequency electromagnetic field exposure in the everyday environment. , 2015, , .		0
83	OP VI " Spatial and temporal variability of personal exposure to radio frequency electromagnetic fields in children in europe. , 2018, , .		0
84	Rationale, design and preliminary results of a panel study investigating six health effects of airborne pollen: the EPOCHAL study. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0