

Maria Foraster

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,347
citations

87723

38
h-index

106150

65
g-index

70
all docs

70
docs citations

70
times ranked

4855
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of the physical environment in health-related quality of life in patients with chronic obstructive pulmonary disease. <i>Environmental Research</i> , 2022, 203, 111828.	3.7	8
2	Environmental noise exposure and emotional, aggressive, and attention-deficit/hyperactivity disorder-related symptoms in children from two European birth cohorts. <i>Environment International</i> , 2022, 158, 106946.	4.8	12
3	Impact of road traffic noise on annoyance and preventable mortality in European cities: A health impact assessment. <i>Environment International</i> , 2022, 162, 107160.	4.8	27
4	Impact of the COVID-19 Pandemic on Maternal Well-Being during Pregnancy. <i>Journal of Clinical Medicine</i> , 2022, 11, 2212.	1.0	3
5	Exposure to traffic-related air pollution and noise during pregnancy and childhood, and functional brain connectivity in preadolescents. <i>Environment International</i> , 2022, 164, 107275.	4.8	11
6	Exposure to road traffic noise and cognitive development in schoolchildren in Barcelona, Spain: A population-based cohort study. <i>PLoS Medicine</i> , 2022, 19, e1004001.	3.9	10
7	A study on exposure to greenspace during pregnancy and lipid profile in cord blood samples. <i>Environmental Research</i> , 2022, 214, 113732.	3.7	2
8	Perceptual evaluation of the citizen's acoustic environment from classic noise monitoring. <i>Cities and Health</i> , 2021, 5, 145-149.	1.6	8
9	Mobility and COVID-19: Time for a Mobility Paradigm Shift. <i>Urban Health and Wellbeing</i> , 2021, , 29-37.	0.3	0
10	Multilevel Annoyance Modelling of Short Environmental Sound Recordings. <i>Sustainability</i> , 2021, 13, 5779.	1.6	6
11	Prenatal exposure to greenspace and cord blood lipid levels: a cross-sectional study. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
12	Short-term effect of air pollution on attention function in adolescents (ATENC!): A randomized controlled trial in high schools in Barcelona, Spain. <i>Environment International</i> , 2021, 156, 106614.	4.8	4
13	Sons al Balc3, a Citizen Science Approach to Map the Soundscape of Catalonia. , 2021, 10, .		1
14	Transportation noise impairs cardiovascular function without altering sleep: The importance of autonomic arousals. <i>Environmental Research</i> , 2020, 182, 109086.	3.7	24
15	Incidence of depression in relation to transportation noise exposure and noise annoyance in the SAPALDIA study. <i>Environment International</i> , 2020, 144, 106014.	4.8	39
16	The independent association of source-specific transportation noise exposure, noise annoyance and noise sensitivity with health-related quality of life. <i>Environment International</i> , 2020, 143, 105960.	4.8	21
17	Urban-Related Environmental Exposures during Pregnancy and Placental Development and Preeclampsia: a Review. <i>Current Hypertension Reports</i> , 2020, 22, 81.	1.5	15
18	Genome-Wide DNA Methylation in Peripheral Blood and Long-Term Exposure to Source-Specific Transportation Noise and Air Pollution: The SAPALDIA Study. <i>Environmental Health Perspectives</i> , 2020, 128, 67003.	2.8	56

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19	Long-Term Greenspace Exposure and Progression of Arterial Stiffness: The Whitehall II Cohort Study. <i>Environmental Health Perspectives</i> , 2020, 128, 67014.	2.8	20
20	Ultradian modulation of cortical arousals during sleep: effects of age and exposure to nighttime transportation noise. <i>Sleep</i> , 2020, 43, .	0.6	6
21	Transport, noise, and health. , 2020, , 105-131.		6
22	Self-Reported Sleep Disturbance from Road, Rail and Aircraft Noise: Exposure-Response Relationships and Effect Modifiers in the SiRENE Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4186.	1.2	38
23	FaÃ§ades, floors and maps â€“ Influence of exposure measurement error on the association between transportation noise and myocardial infarction. <i>Environment International</i> , 2019, 123, 399-406.	4.8	45
24	A survey on exposure-response relationships for road, rail, and aircraft noise annoyance: Differences between continuous and intermittent noise. <i>Environment International</i> , 2019, 125, 277-290.	4.8	112
25	Noise Annoyance in Urban Life: The Citizen as a Key Point of the Directives. <i>Proceedings (mdpi)</i> , 2019, 6, 1.	0.2	5
26	A systematic analysis of mutual effects of transportation noise and air pollution exposure on myocardial infarction mortality: a nationwide cohort study in Switzerland. <i>European Heart Journal</i> , 2019, 40, 598-603.	1.0	85
27	Diurnal variability of transportation noise exposure and cardiovascular mortality: A nationwide cohort study from Switzerland. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 556-563.	2.1	40
28	Estimated effects of air pollution and space-time-activity on cardiopulmonary outcomes in healthy adults: A repeated measures study. <i>Environment International</i> , 2018, 111, 247-259.	4.8	66
29	Sleep spindle characteristics and arousability from nighttime transportation noise exposure in healthy young and older individuals. <i>Sleep</i> , 2018, 41, .	0.6	23
30	Air Pollution, Noise, Blue Space, and Green Space and Premature Mortality in Barcelona: A Mega Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2405.	1.2	72
31	Long-term exposure to transportation noise and its association with adiposity markers and development of obesity. <i>Environment International</i> , 2018, 121, 879-889.	4.8	74
32	Transportation noise exposure, noise annoyance and respiratory health in adults: A repeated-measures study. <i>Environment International</i> , 2018, 121, 741-750.	4.8	46
33	Socioeconomic inequalities in urban and transport planning related exposures and mortality: A health impact assessment study for Bradford, UK. <i>Environment International</i> , 2018, 121, 931-941.	4.8	55
34	Association between noise exposure and diabetes: A systematic review and meta-analysis. <i>Environmental Research</i> , 2018, 166, 647-657.	3.7	89
35	Differences between Outdoor and Indoor Sound Levels for Open, Tilted, and Closed Windows. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 149.	1.2	52
36	WHO Environmental Noise Guidelines for the European Region: A Systematic Review on Environmental Noise and Cardiovascular and Metabolic Effects: A Summary. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 379.	1.2	356

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37	Adverse impact of nocturnal transportation noise on glucose regulation in healthy young adults: Effect of different noise scenarios. <i>Environment International</i> , 2018, 121, 1011-1023.	4.8	27
38	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). <i>European Heart Journal</i> , 2017, 38, ehw413.	1.0	128
39	Socio-environmental correlates of physical activity in patients with chronic obstructive pulmonary disease (COPD). <i>Thorax</i> , 2017, 72, 796-802.	2.7	46
40	Transportation noise exposure and cardiovascular mortality: a nationwide cohort study from Switzerland. <i>European Journal of Epidemiology</i> , 2017, 32, 307-315.	2.5	128
41	Long-term exposure to transportation noise and air pollution in relation to incident diabetes in the SAPALDIA study. <i>International Journal of Epidemiology</i> , 2017, 46, 1115-1125.	0.9	101
42	Health impacts related to urban and transport planning: A burden of disease assessment. <i>Environment International</i> , 2017, 107, 243-257.	4.8	90
43	Exposure to Night-Time Traffic Noise, Melatonin-Regulating Gene Variants and Change in Glycemia in Adults. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1492.	1.2	24
44	Urban and Transport Planning Related Exposures and Mortality: A Health Impact Assessment for Cities. <i>Environmental Health Perspectives</i> , 2017, 125, 89-96.	2.8	173
45	Exposure to Road, Railway, and Aircraft Noise and Arterial Stiffness in the SAPALDIA Study: Annual Average Noise Levels and Temporal Noise Characteristics. <i>Environmental Health Perspectives</i> , 2017, 125, 097004.	2.8	78
46	Traffic-Related Air Pollution, Noise at School, and Behavioral Problems in Barcelona Schoolchildren: A Cross-Sectional Study. <i>Environmental Health Perspectives</i> , 2016, 124, 529-535.	2.8	122
47	Long-term transportation noise annoyance is associated with subsequent lower levels of physical activity. <i>Environment International</i> , 2016, 91, 341-349.	4.8	80
48	Impact of traffic-related air pollution on acute changes in cardiac autonomic modulation during rest and physical activity: a cross-over study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 133-140.	1.8	46
49	Annoyance Caused by Noise and Air Pollution during Pregnancy: Associated Factors and Correlation with Outdoor NO ₂ and Benzene Estimations. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 7044-7058.	1.2	9
50	Long-Term Exposure to Ambient Air Pollution and Metabolic Syndrome in Adults. <i>PLoS ONE</i> , 2015, 10, e0130337.	1.1	91
51	Application of land use regression modelling to assess the spatial distribution of road traffic noise in three European cities. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 97-105.	1.8	62
52	Air Pollution and Atherosclerosis: A Cross-Sectional Analysis of Four European Cohort Studies in the ESCAPE Study. <i>Environmental Health Perspectives</i> , 2015, 123, 597-605.	2.8	66
53	Association between Traffic-Related Air Pollution in Schools and Cognitive Development in Primary School Children: A Prospective Cohort Study. <i>PLoS Medicine</i> , 2015, 12, e1001792.	3.9	399
54	The Association between Air Pollution and Subclinical Atherosclerosis: Rivera et al. Respond. <i>Environmental Health Perspectives</i> , 2014, 122, A8-9.	2.8	1

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55	Association of Long-Term Exposure to Traffic-Related Air Pollution with Blood Pressure and Hypertension in an Adult Population-Based Cohort in Spain (the REGICOR Study). <i>Environmental Health Perspectives</i> , 2014, 122, 404-411.	2.8	72
56	High Blood Pressure and Long-Term Exposure to Indoor Noise and Air Pollution from Road Traffic. <i>Environmental Health Perspectives</i> , 2014, 122, 1193-1200.	2.8	100
57	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). <i>Environmental Health Perspectives</i> , 2014, 122, 896-905.	2.8	112
58	Residential Proximity to Major Roads and Term Low Birth Weight. <i>Epidemiology</i> , 2014, 25, 518-525.	1.2	122
59	Spatio-temporal variation of urban ultrafine particle number concentrations. <i>Atmospheric Environment</i> , 2014, 96, 275-283.	1.9	41
60	Using Personal Sensors to Assess the Exposome and Acute Health Effects. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 7805-7819.	1.2	65
61	Is it traffic-related air pollution or road traffic noise, or both? Key questions not yet settled!. <i>International Journal of Public Health</i> , 2013, 58, 647-648.	1.0	35
62	Evaluation of the CALIOPE air quality forecasting system for epidemiological research: The example of NO ₂ in the province of Girona (Spain). <i>Atmospheric Environment</i> , 2013, 72, 134-141.	1.9	11
63	Association between Long-Term Exposure to Traffic-Related Air Pollution and Subclinical Atherosclerosis: The REGICOR Study. <i>Environmental Health Perspectives</i> , 2013, 121, 223-230.	2.8	53
64	Measurement Error in Epidemiologic Studies of Air Pollution Based on Land-Use Regression Models. <i>American Journal of Epidemiology</i> , 2013, 178, 1342-1346.	1.6	57
65	Transportation Noise and Blood Pressure in a Population-Based Sample of Adults. <i>Environmental Health Perspectives</i> , 2012, 120, 50-55.	2.8	209
66	Spatial distribution of ultrafine particles in urban settings: A land use regression model. <i>Atmospheric Environment</i> , 2012, 54, 657-666.	1.9	95
67	Effect of the number of measurement sites on land use regression models in estimating local air pollution. <i>Atmospheric Environment</i> , 2012, 54, 634-642.	1.9	144
68	Local determinants of road traffic noise levels versus determinants of air pollution levels in a Mediterranean city. <i>Environmental Research</i> , 2011, 111, 177-183.	3.7	85
69	Monitoring of heavy metal concentrations in home outdoor air using moss bags. <i>Environmental Pollution</i> , 2011, 159, 954-962.	3.7	31
70	Sons al balcÃ³n: Soundscape Map of the Confinement in Catalonia. , 0, , .		7