

# John Gulliver

## List of Publications by Citations

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105  
papers

4,742  
citations

35  
h-index

67  
g-index

120  
ext. papers

5,970  
ext. citations

8  
avg, IF

5.47  
L-index

#	Paper	IF	Citations
105	A review of land-use regression models to assess spatial variation of outdoor air pollution. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 7561-7578	5.3	891
104	A regression-based method for mapping traffic-related air pollution: application and testing in four contrasting urban environments. <i>Science of the Total Environment</i> , <b>2000</b> , 253, 151-67	10.2	314
103	Personal exposure to particulate air pollution in transport microenvironments. <i>Atmospheric Environment</i> , <b>2004</b> , 38, 1-8	5.3	186
102	The exposome in practice: Design of the EXPOsOMICS project. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 142-151	6.9	153
101	Effects of travel mode on exposures to particulate air pollution. <i>Environment International</i> , <b>2008</b> , 34, 12-22	12.9	145
100	Road traffic noise is associated with increased cardiovascular morbidity and mortality and all-cause mortality in London. <i>European Heart Journal</i> , <b>2015</b> , 36, 2653-61	9.5	135
99	Aircraft noise and cardiovascular disease near Heathrow airport in London: small area study. <i>BMJ, The</i> , <b>2013</b> , 347, f5432	5.9	135
98	Dasymetric modelling of small-area population distribution using land cover and light emissions data. <i>Remote Sensing of Environment</i> , <b>2007</b> , 108, 451-466	13.2	121
97	Development of West-European PM and NO land use regression models incorporating satellite-derived and chemical transport modelling data. <i>Environmental Research</i> , <b>2016</b> , 151, 1-10	7.9	118
96	Spatial PM, NO, O and BC models for Western Europe - Evaluation of spatiotemporal stability. <i>Environment International</i> , <b>2018</b> , 120, 81-92	12.9	106
95	Time-space modeling of journey-time exposure to traffic-related air pollution using GIS. <i>Environmental Research</i> , <b>2005</b> , 97, 10-25	7.9	103
94	Development and back-extrapolation of NO <sub>2</sub> land use regression models for historic exposure assessment in Great Britain. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 7804-11	10.3	96
93	Are noise and air pollution related to the incidence of dementia? A cohort study in London, England. <i>BMJ Open</i> , <b>2018</b> , 8, e022404	3	94
92	Comparing land use regression and dispersion modelling to assess residential exposure to ambient air pollution for epidemiological studies. <i>Environment International</i> , <b>2014</b> , 73, 382-92	12.9	93
91	A comparison of linear regression, regularization, and machine learning algorithms to develop Europe-wide spatial models of fine particles and nitrogen dioxide. <i>Environment International</i> , <b>2019</b> , 130, 104934	12.9	90
90	Long-term exposure to road traffic noise, ambient air pollution, and cardiovascular risk factors in the HUNT and lifelines cohorts. <i>European Heart Journal</i> , <b>2017</b> , 38, 2290-2296	9.5	80
89	Development of an open-source road traffic noise model for exposure assessment. <i>Environmental Modelling and Software</i> , <b>2015</b> , 74, 183-193	5.2	80

88	Impact of London's road traffic air and noise pollution on birth weight: retrospective population based cohort study. <i>BMJ, The</i> , <b>2017</b> , 359, j5299	5.9	78
87	Long-Term Exposure to Ultrafine Particles and Incidence of Cardiovascular and Cerebrovascular Disease in a Prospective Study of a Dutch Cohort. <i>Environmental Health Perspectives</i> , <b>2018</b> , 126, 127007	8.4	75
86	Spatial and temporal associations of road traffic noise and air pollution in London: Implications for epidemiological studies. <i>Environment International</i> , <b>2016</b> , 88, 235-242	12.9	74
85	Land use regression modeling to estimate historic (1962-1991) concentrations of black smoke and sulfur dioxide for Great Britain. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 3526-32	10.3	70
84	Oxidative stress and inflammation mediate the effect of air pollution on cardio- and cerebrovascular disease: A prospective study in nonsmokers. <i>Environmental and Molecular Mutagenesis</i> , <b>2018</b> , 59, 234-246	3.2	61
83	Road traffic noise, air pollution and incident cardiovascular disease: A joint analysis of the HUNT, EPIC-Oxford and UK Biobank cohorts. <i>Environment International</i> , <b>2018</b> , 114, 191-201	12.9	60
82	Land Use Regression Models for Ultrafine Particles in Six European Areas. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 3336-3345	10.3	56
81	Air pollution and cardiovascular mortality with over 25years follow-up: A combined analysis of two British cohorts. <i>Environment International</i> , <b>2017</b> , 99, 275-281	12.9	55
80	Long-term traffic air and noise pollution in relation to mortality and hospital readmission among myocardial infarction survivors. <i>International Journal of Hygiene and Environmental Health</i> , <b>2016</b> , 219, 72-8	6.9	53
79	Using building heights and street configuration to enhance intraurban PM10, NO(X), and NO2 land use regression models. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 11643-50	10.3	53
78	Comparative assessment of GIS-based methods and metrics for estimating long-term exposures to air pollution. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 7072-7080	5.3	51
77	Ambient air pollution, traffic noise and adult asthma prevalence: a BioSHaRE approach. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	44
76	Journey-time exposure to particulate air pollution. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 7195-7207	5.3	44
75	Socioeconomic and ethnic inequalities in exposure to air and noise pollution in London. <i>Environment International</i> , <b>2018</b> , 115, 170-179	12.9	43
74	Historic air pollution exposure and long-term mortality risks in England and Wales: prospective longitudinal cohort study. <i>Thorax</i> , <b>2016</b> , 71, 330-8	7.3	43
73	STEMS-Air: a simple GIS-based air pollution dispersion model for city-wide exposure assessment. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 2419-29	10.2	43
72	Cycling injury risk in London: A case-control study exploring the impact of cycle volumes, motor vehicle volumes, and road characteristics including speed limits. <i>Accident Analysis and Prevention</i> , <b>2018</b> , 117, 75-84	6.1	38
71	Traffic pollution and the incidence of cardiorespiratory outcomes in an adult cohort in London. <i>Occupational and Environmental Medicine</i> , <b>2016</b> , 73, 849-856	2.1	36

70	Acute changes in DNA methylation in relation to 24 h personal air pollution exposure measurements: A panel study in four European countries. <i>Environment International</i> , <b>2018</b> , 120, 11-21	12.9	35
69	Robustness of intra urban land-use regression models for ultrafine particles and black carbon based on mobile monitoring. <i>Environmental Research</i> , <b>2017</b> , 159, 500-508	7.9	34
68	Impacts of air pollution and noise on risk of preterm birth and stillbirth in London. <i>Environment International</i> , <b>2020</b> , 134, 105290	12.9	33
67	Environmental public health risks in European metropolitan areas within the EURO-HEALTHY project. <i>Science of the Total Environment</i> , <b>2019</b> , 658, 1630-1639	10.2	30
66	Land use regression models for the oxidative potential of fine particles (PM) in five European areas. <i>Environmental Research</i> , <b>2018</b> , 160, 247-255	7.9	28
65	A land use regression variable generation, modelling and prediction tool for air pollution exposure assessment. <i>Environmental Modelling and Software</i> , <b>2018</b> , 105, 17-23	5.2	27
64	Estimating the costs of air pollution to the National Health Service and social care: An assessment and forecast up to 2035. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002602	11.6	26
63	Methods to improve traffic flow and noise exposure estimation on minor roads. <i>Environmental Pollution</i> , <b>2016</b> , 216, 746-754	9.3	26
62	Long-term low-level ambient air pollution exposure and risk of lung cancer - A pooled analysis of 7 European cohorts. <i>Environment International</i> , <b>2021</b> , 146, 106249	12.9	24
61	Road traffic noise, blood pressure and heart rate: Pooled analyses of harmonized data from 88,336 participants. <i>Environmental Research</i> , <b>2016</b> , 151, 804-813	7.9	21
60	Mental health consequences of urban air pollution: prospective population-based longitudinal survey. <i>Social Psychiatry and Psychiatric Epidemiology</i> , <b>2021</b> , 56, 1587-1599	4.5	20
59	Back-extrapolated and year-specific NO <sub>2</sub> land use regression models for Great Britain - Do they yield different exposure assessment?. <i>Environment International</i> , <b>2016</b> , 92-93, 202-9	12.9	20
58	Estimating Particulate Exposure from Modern Municipal Waste Incinerators in Great Britain. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 7511-7519	10.3	19
57	Long-term exposure to low-level air pollution and incidence of chronic obstructive pulmonary disease: The ELAPSE project. <i>Environment International</i> , <b>2021</b> , 146, 106267	12.9	19
56	Ultrafine particles and black carbon personal exposures in asthmatic and non-asthmatic children at school age. <i>Indoor Air</i> , <b>2017</b> , 27, 891-899	5.4	18
55	Long-term exposure to traffic pollution and hospital admissions in London. <i>Environmental Pollution</i> , <b>2016</b> , 208, 48-57	9.3	18
54	EXPOsOMICS: final policy workshop and stakeholder consultation. <i>BMC Public Health</i> , <b>2018</b> , 18, 260	4.1	18
53	Associations of night-time road traffic noise with carotid intima-media thickness and blood pressure: The Whitehall II and SABRE study cohorts. <i>Environment International</i> , <b>2017</b> , 98, 54-61	12.9	18

52	Integration of GPS and dead reckoning for real-time vehicle performance and emissions monitoring. <i>GPS Solutions</i> , <b>2003</b> , 6, 229-241	4.4	18
51	Long-term exposure to low-level ambient air pollution and incidence of stroke and coronary heart disease: a pooled analysis of six European cohorts within the ELAPSE project. <i>Lancet Planetary Health, The</i> , <b>2021</b> , 5, e620-e632	9.8	18
50	Prenatal, Early-Life, and Childhood Exposure to Air Pollution and Lung Function: The ALSPAC Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 112-123	10.2	17
49	DNA Methylome Marks of Exposure to Particulate Matter at Three Time Points in Early Life. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 5427-5437	10.3	17
48	Is long-term exposure to traffic pollution associated with mortality? A small-area study in London. <i>Environmental Pollution</i> , <b>2016</b> , 208, 25-32	9.3	16
47	ExpoApp: An integrated system to assess multiple personal environmental exposures. <i>Environment International</i> , <b>2019</b> , 126, 494-503	12.9	15
46	Bayesian spatiotemporal modelling for the assessment of short-term exposure to particle pollution in urban areas. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2014</b> , 24, 319-27	6.7	15
45	Development and transferability of a nitrogen dioxide land use regression model within the Veneto region of Italy. <i>Atmospheric Environment</i> , <b>2015</b> , 122, 696-704	5.3	14
44	Development of Europe-Wide Models for Particle Elemental Composition Using Supervised Linear Regression and Random Forest. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 15698-15709	10.3	14
43	Long-Term Exposure to Fine Particle Elemental Components and Natural and Cause-Specific Mortality-a Pooled Analysis of Eight European Cohorts within the ELAPSE Project. <i>Environmental Health Perspectives</i> , <b>2021</b> , 129, 47009	8.4	14
42	Fetal growth, stillbirth, infant mortality and other birth outcomes near UK municipal waste incinerators; retrospective population based cohort and case-control study. <i>Environment International</i> , <b>2019</b> , 122, 151-158	12.9	14
41	Data Resource Profile: The ALSPAC birth cohort as a platform to study the relationship of environment and health and social factors. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 1038-1039k	7.8	11
40	Local- and regional-scale air pollution modelling (PM) and exposure assessment for pregnancy trimesters, infancy, and childhood to age 15 years: Avon Longitudinal Study of Parents And Children (ALSPAC). <i>Environment International</i> , <b>2018</b> , 113, 10-19	12.9	11
39	Impact of road traffic noise on obesity measures: Observational study of three European cohorts. <i>Environmental Research</i> , <b>2020</b> , 191, 110013	7.9	11
38	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. <i>BMJ, The</i> , <b>2021</b> , 374, n1904	5.9	11
37	microRNA expression profiles and personal monitoring of exposure to particulate matter. <i>Environmental Pollution</i> , <b>2020</b> , 263, 114392	9.3	10
36	Long-term exposure to low ambient air pollution concentrations and mortality among 28 million people: results from seven large European cohorts within the ELAPSE project.. <i>Lancet Planetary Health, The</i> , <b>2022</b> , 6, e9-e18	9.8	10
35	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <i>European Respiratory Journal</i> , <b>2021</b> , 57, 2003099	13.6	10

34	Development and transferability of ultrafine particle land use regression models in London. <i>Science of the Total Environment</i> , <b>2020</b> , 740, 140059	10.2	10
33	Comparison of Road Traffic Noise prediction models: CNOSSOS-EU, Nord2000 and TRANEX. <i>Environmental Pollution</i> , <b>2021</b> , 270, 116240	9.3	10
32	Long-term exposure to fine particle elemental components and lung cancer incidence in the ELAPSE pooled cohort. <i>Environmental Research</i> , <b>2021</b> , 193, 110568	7.9	10
31	The spatial relationship between traffic-related air pollution and noise in two Danish cities: Implications for health-related studies. <i>Science of the Total Environment</i> , <b>2020</b> , 726, 138577	10.2	9
30	Risk of breast cancer associated with long-term exposure to benzo[a]pyrene (BaP) air pollution: Evidence from the French E3N cohort study. <i>Environment International</i> , <b>2021</b> , 149, 106399	12.9	8
29	The LifeLines Cohort Study: a resource providing new opportunities for environmental epidemiology. <i>Archives of Public Health</i> , <b>2016</b> , 74, 32	2.6	8
28	Inequalities in Exposure to Nitrogen Dioxide in Parks and Playgrounds in Greater London. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	6
27	Automation of cleaning and reconstructing residential address histories to assign environmental exposures in longitudinal studies. <i>International Journal of Epidemiology</i> , <b>2020</b> , 49 Suppl 1, i49-i56	7.8	6
26	Associations between urban metrics and mortality rates in England. <i>Environmental Health</i> , <b>2016</b> , 15 Suppl 1, 34	6	6
25	Availability, access, analysis and dissemination of small-area data. <i>International Journal of Epidemiology</i> , <b>2020</b> , 49 Suppl 1, i4-i14	7.8	6
24	A framework to explore micronutrient deficiency in maternal and child health in Malawi, Southern Africa. <i>Environmental Health</i> , <b>2009</b> , 8 Suppl 1, S13	6	5
23	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	5
22	Risk of respiratory hospital admission associated with modelled concentrations of <i>Aspergillus fumigatus</i> from composting facilities in England. <i>Environmental Research</i> , <b>2020</b> , 183, 108949	7.9	5
21	Chronic Low-Dose Exposure to Xenoestrogen Ambient Air Pollutants and Breast Cancer Risk: XENAIR Protocol for a Case-Control Study Nested Within the French E3N Cohort. <i>JMIR Research Protocols</i> , <b>2020</b> , 9, e15167	2	4
20	Prenatal Exposure to Multiple Air Pollutants, Mediating Molecular Mechanisms, and Shifts in Birthweight. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 14502-14513	10.3	4
19	Electric field and air ion exposures near high voltage overhead power lines and adult cancers: a case control study across England and Wales. <i>International Journal of Epidemiology</i> , <b>2020</b> , 49 Suppl 1, i57-i66	7.8	4
18	Short-term personal and outdoor exposure to ultrafine and fine particulate air pollution in association with blood pressure and lung function in healthy adults. <i>Environmental Research</i> , <b>2021</b> , 194, 110579	7.9	4
17	Modeling multi-level survival data in multi-center epidemiological cohort studies: Applications from the ELAPSE project. <i>Environment International</i> , <b>2021</b> , 147, 106371	12.9	4

16	Development of spatiotemporal land use regression models for PM2.5 and NO2 in Chongqing, China, and exposure assessment for the CLIMB study. <i>Atmospheric Pollution Research</i> , <b>2021</b> , 12, 101096	4.5	4
15	Trimester effects of source-specific PM on birth weight outcomes in the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Environmental Health</i> , <b>2021</b> , 20, 4	6	4
14	Associations between modeled residential outdoor and measured personal exposure to ultrafine particles in four European study areas. <i>Atmospheric Environment</i> , <b>2020</b> , 226, 117353	5.3	3
13	A Bayesian analysis of the impact of air pollution episodes on cardio-respiratory hospital admissions in the Greater London area. <i>Statistical Methods in Medical Research</i> , <b>2011</b> , 20, 69-80	2.3	3
12	Impact of road traffic noise on annoyance and preventable mortality in European cities: A health impact assessment.. <i>Environment International</i> , <b>2022</b> , 162, 107160	12.9	3
11	AuthorsTreply to Corbin, Moore, and Coebergh. <i>BMJ, The</i> , <b>2013</b> , 347, f6795	5.9	2
10	Modeling the health impacts of air pollution exposures in London within the GENESIS system <b>2011</b> ,		2
9	Retrospective Modeling of NO2 and PM10 Concentrations over the Lyon Metropolitan Area (France), 1990-2010: Performance Evaluation, Exposure Assessment and Correlation between Pollutants. <i>Atmosphere</i> , <b>2021</b> , 12, 239	2.7	2
8	Long-term exposure to air pollution and liver cancer incidence in six European cohorts. <i>International Journal of Cancer</i> , <b>2021</b> , 149, 1887-1897	7.5	2
7	Exposure to Elevated Nitrogen Dioxide Concentrations and Cardiac Remodeling in Patients With Dilated Cardiomyopathy.. <i>Journal of Cardiac Failure</i> , <b>2022</b> ,	3.3	1
6	Early environmental quality and life-course mental health effects: The Equal-Life project.. <i>Environmental Epidemiology</i> , <b>2022</b> , 6, e183	0.2	1
5	Long-term atmospheric exposure to PCB153 and breast cancer risk in a case-control study nested in the French E3N cohort from 1990 to 2011. <i>Environmental Research</i> , <b>2021</b> , 195, 110743	7.9	1
4	{Green walkability} and physical activity in UK Biobank. <i>ISEE Conference Abstracts</i> , <b>2021</b> , 2021,	2.9	1
3	Sources of particle number concentration and noise near London Gatwick Airport.. <i>Environment International</i> , <b>2022</b> , 161, 107092	12.9	0
2	Personal air pollution exposure during morning commute car and active transport journeys. <i>Journal of Transport and Health</i> , <b>2022</b> , 101365	3	0
1	Geographically distributed longitudinal nitrogen dioxide and other air pollution sensor measurements in the Avon Longitudinal Study of Parents and Children cohort catchment area. <i>Wellcome Open Research</i> , <b>4</b> , 162	4.8	