

John Gulliver

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Exposure to Elevated Nitrogen Dioxide Concentrations and Cardiac Remodeling in Patients With Dilated Cardiomyopathy.. <i>Journal of Cardiac Failure</i> , 2022 ,	3.3	1
104	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> , 2022 , 6, e9-e18	9.8	10
103	Sources of particle number concentration and noise near London Gatwick Airport.. <i>Environment International</i> , 2022 , 161, 107092	12.9	0
102	Early environmental quality and life-course mental health effects: The Equal-Life project.. <i>Environmental Epidemiology</i> , 2022 , 6, e183	0.2	1
101	Impact of road traffic noise on annoyance and preventable mortality in European cities: A health impact assessment.. <i>Environment International</i> , 2022 , 162, 107160	12.9	3
100	Personal air pollution exposure during morning commute car and active transport journeys. <i>Journal of Transport and Health</i> , 2022 , 101365	3	0
99	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <i>European Respiratory Journal</i> , 2021 , 57, 2003099	13.6	10
98	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	5
97	Mental health consequences of urban air pollution: prospective population-based longitudinal survey. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2021 , 56, 1587-1599	4.5	20
96	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> , 2021 , 149, 106399	12.9	8
95	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> , 2021 , 129, 47009	8.4	14
94	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> , 2021 , 195, 110743	7.9	1
93	Long-term low-level ambient air pollution exposure and risk of lung cancer - A pooled analysis of 7 European cohorts. <i>Environment International</i> , 2021 , 146, 106249	12.9	24
92	Long-term exposure to low-level air pollution and incidence of chronic obstructive pulmonary disease: The ELAPSE project. <i>Environment International</i> , 2021 , 146, 106267	12.9	19
91	Comparison of Road Traffic Noise prediction models: CNOSSOS-EU, Nord2000 and TRANEX. <i>Environmental Pollution</i> , 2021 , 270, 116240	9.3	10
90	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> , 2021 , 194, 110579	7.9	4
89	Long-term exposure to fine particle elemental components and lung cancer incidence in the ELAPSE pooled cohort. <i>Environmental Research</i> , 2021 , 193, 110568	7.9	10

88	Retrospective Modeling of NO ₂ and PM ₁₀ Concentrations over the Lyon Metropolitan Area (France), 1990-2010: Performance Evaluation, Exposure Assessment and Correlation between Pollutants. <i>Atmosphere</i> , 2021 , 12, 239	2.7	2
87	Modeling multi-level survival data in multi-center epidemiological cohort studies: Applications from the ELAPSE project. <i>Environment International</i> , 2021 , 147, 106371	12.9	4
86	Development of spatiotemporal land use regression models for PM _{2.5} and NO ₂ in Chongqing, China, and exposure assessment for the CLIMB study. <i>Atmospheric Pollution Research</i> , 2021 , 12, 101096	4.5	4
85	{Green walkability} and physical activity in UK Biobank. <i>ISEE Conference Abstracts</i> , 2021 , 2021,	2.9	1
84	Long-term exposure to air pollution and liver cancer incidence in six European cohorts. <i>International Journal of Cancer</i> , 2021 , 149, 1887-1897	7.5	2
83	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> , 2021 , 5, e620-e632	9.8	18
82	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. <i>BMJ, The</i> , 2021 , 374, n1904	5.9	11
81	Trimester effects of source-specific PM on birth weight outcomes in the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Environmental Health</i> , 2021 , 20, 4	6	4
80	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> , 2020 , 202, 112-123	10.2	17
79	Associations between modeled residential outdoor and measured personal exposure to ultrafine particles in four European study areas. <i>Atmospheric Environment</i> , 2020 , 226, 117353	5.3	3
78	microRNA expression profiles and personal monitoring of exposure to particulate matter. <i>Environmental Pollution</i> , 2020 , 263, 114392	9.3	10
77	Automation of cleaning and reconstructing residential address histories to assign environmental exposures in longitudinal studies. <i>International Journal of Epidemiology</i> , 2020 , 49 Suppl 1, i49-i56	7.8	6
76	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> , 2020 , 9, e15167	2	4
75	Risk of respiratory hospital admission associated with modelled concentrations of <i>Aspergillus fumigatus</i> from composting facilities in England. <i>Environmental Research</i> , 2020 , 183, 108949	7.9	5
74	Impacts of air pollution and noise on risk of preterm birth and stillbirth in London. <i>Environment International</i> , 2020 , 134, 105290	12.9	33
73	Availability, access, analysis and dissemination of small-area data. <i>International Journal of Epidemiology</i> , 2020 , 49 Suppl 1, i4-i14	7.8	6
72	Impact of road traffic noise on obesity measures: Observational study of three European cohorts. <i>Environmental Research</i> , 2020 , 191, 110013	7.9	11
71	Development of Europe-Wide Models for Particle Elemental Composition Using Supervised Linear Regression and Random Forest. <i>Environmental Science & Technology</i> , 2020 , 54, 15698-15709	10.3	14

70	Development and transferability of ultrafine particle land use regression models in London. <i>Science of the Total Environment</i> , 2020 , 740, 140059	10.2	10
69	Prenatal Exposure to Multiple Air Pollutants, Mediating Molecular Mechanisms, and Shifts in Birthweight. <i>Environmental Science & Technology</i> , 2020 , 54, 14502-14513	10.3	4
68	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> , 2020 , 726, 138577	10.2	9
67	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> , 2020 , 49 Suppl 1, i57-i66	7.8	4
66	Inequalities in Exposure to Nitrogen Dioxide in Parks and Playgrounds in Greater London. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
65	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> , 2019 , 48, 1038-1039k	7.8	11
64	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> , 2019 , 130, 104934	12.9	90
63	ExpoApp: An integrated system to assess multiple personal environmental exposures. <i>Environment International</i> , 2019 , 126, 494-503	12.9	15
62	Environmental public health risks in European metropolitan areas within the EURO-HEALTHY project. <i>Science of the Total Environment</i> , 2019 , 658, 1630-1639	10.2	30
61	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> , 2019 , 122, 151-158	12.9	14
60	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> , 2018 , 114, 191-201	12.9	60
59	A land use regression variable generation, modelling and prediction tool for air pollution exposure assessment. <i>Environmental Modelling and Software</i> , 2018 , 105, 17-23	5.2	27
58	DNA Methylome Marks of Exposure to Particulate Matter at Three Time Points in Early Life. <i>Environmental Science & Technology</i> , 2018 , 52, 5427-5437	10.3	17
57	Socioeconomic and ethnic inequalities in exposure to air and noise pollution in London. <i>Environment International</i> , 2018 , 115, 170-179	12.9	43
56	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> , 2018 , 113, 10-19	12.9	11
55	Land use regression models for the oxidative potential of fine particles (PM) in five European areas. <i>Environmental Research</i> , 2018 , 160, 247-255	7.9	28
54	Spatial PM, NO, O and BC models for Western Europe - Evaluation of spatiotemporal stability. <i>Environment International</i> , 2018 , 120, 81-92	12.9	106
53	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> , 2018 , 120, 11-21	12.9	35

52	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> , 2018 , 15, e1002602	11.6	26
51	EXPOsOMICS: final policy workshop and stakeholder consultation. <i>BMC Public Health</i> , 2018 , 18, 260	4.1	18
50	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> , 2018 , 117, 75-84	6.1	38
49	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> , 2018 , 59, 234-246	3.2	61
48	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> , 2018 , 126, 127007	8.4	75
47	Are noise and air pollution related to the incidence of dementia? A cohort study in London, England. <i>BMJ Open</i> , 2018 , 8, e022404	3	94
46	Ambient air pollution, traffic noise and adult asthma prevalence: a BioSHaRE approach. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	44
45	Land Use Regression Models for Ultrafine Particles in Six European Areas. <i>Environmental Science & Technology</i> , 2017 , 51, 3336-3345	10.3	56
44	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> , 2017 , 38, 2290-2296	9.5	80
43	Ultrafine particles and black carbon personal exposures in asthmatic and non-asthmatic children at school age. <i>Indoor Air</i> , 2017 , 27, 891-899	5.4	18
42	Air pollution and cardiovascular mortality with over 25years follow-up: A combined analysis of two British cohorts. <i>Environment International</i> , 2017 , 99, 275-281	12.9	55
41	Robustness of intra urban land-use regression models for ultrafine particles and black carbon based on mobile monitoring. <i>Environmental Research</i> , 2017 , 159, 500-508	7.9	34
40	Estimating Particulate Exposure from Modern Municipal Waste Incinerators in Great Britain. <i>Environmental Science & Technology</i> , 2017 , 51, 7511-7519	10.3	19
39	The exposome in practice: Design of the EXPOsOMICS project. <i>International Journal of Hygiene and Environmental Health</i> , 2017 , 220, 142-151	6.9	153
38	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> , 2017 , 98, 54-61	12.9	18
37	Impact of London's road traffic air and noise pollution on birth weight: retrospective population based cohort study. <i>BMJ, The</i> , 2017 , 359, j5299	5.9	78
36	Is long-term exposure to traffic pollution associated with mortality? A small-area study in London. <i>Environmental Pollution</i> , 2016 , 208, 25-32	9.3	16
35	Development of West-European PM and NO land use regression models incorporating satellite-derived and chemical transport modelling data. <i>Environmental Research</i> , 2016 , 151, 1-10	7.9	118

34	Traffic pollution and the incidence of cardiorespiratory outcomes in an adult cohort in London. <i>Occupational and Environmental Medicine</i> , 2016 , 73, 849-856	2.1	36
33	Associations between urban metrics and mortality rates in England. <i>Environmental Health</i> , 2016 , 15 Suppl 1, 34	6	6
32	Long-term exposure to traffic pollution and hospital admissions in London. <i>Environmental Pollution</i> , 2016 , 208, 48-57	9.3	18
31	Historic air pollution exposure and long-term mortality risks in England and Wales: prospective longitudinal cohort study. <i>Thorax</i> , 2016 , 71, 330-8	7.3	43
30	Spatial and temporal associations of road traffic noise and air pollution in London: Implications for epidemiological studies. <i>Environment International</i> , 2016 , 88, 235-242	12.9	74
29	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> , 2016 , 219, 72-8	6.9	53
28	The LifeLines Cohort Study: a resource providing new opportunities for environmental epidemiology. <i>Archives of Public Health</i> , 2016 , 74, 32	2.6	8
27	Back-extrapolated and year-specific NO ₂ land use regression models for Great Britain - Do they yield different exposure assessment?. <i>Environment International</i> , 2016 , 92-93, 202-9	12.9	20
26	Road traffic noise, blood pressure and heart rate: Pooled analyses of harmonized data from 88,336 participants. <i>Environmental Research</i> , 2016 , 151, 804-813	7.9	21
25	Methods to improve traffic flow and noise exposure estimation on minor roads. <i>Environmental Pollution</i> , 2016 , 216, 746-754	9.3	26
24	Development and transferability of a nitrogen dioxide land use regression model within the Veneto region of Italy. <i>Atmospheric Environment</i> , 2015 , 122, 696-704	5.3	14
23	Road traffic noise is associated with increased cardiovascular morbidity and mortality and all-cause mortality in London. <i>European Heart Journal</i> , 2015 , 36, 2653-61	9.5	135
22	Development of an open-source road traffic noise model for exposure assessment. <i>Environmental Modelling and Software</i> , 2015 , 74, 183-193	5.2	80
21	Comparing land use regression and dispersion modelling to assess residential exposure to ambient air pollution for epidemiological studies. <i>Environment International</i> , 2014 , 73, 382-92	12.9	93
20	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> , 2014 , 24, 319-27	6.7	15
19	Using building heights and street configuration to enhance intraurban PM ₁₀ , NO(X), and NO ₂ land use regression models. <i>Environmental Science & Technology</i> , 2013 , 47, 11643-50	10.3	53
18	Development and back-extrapolation of NO ₂ land use regression models for historic exposure assessment in Great Britain. <i>Environmental Science & Technology</i> , 2013 , 47, 7804-11	10.3	96
17	AuthorsReply to Corbin, Moore, and Coebergh. <i>BMJ, The</i> , 2013 , 347, f6795	5.9	2

16	Aircraft noise and cardiovascular disease near Heathrow airport in London: small area study. <i>BMJ, The</i> , 2013 , 347, f5432	5.9	135
15	STEMS-Air: a simple GIS-based air pollution dispersion model for city-wide exposure assessment. <i>Science of the Total Environment</i> , 2011 , 409, 2419-29	10.2	43
14	Comparative assessment of GIS-based methods and metrics for estimating long-term exposures to air pollution. <i>Atmospheric Environment</i> , 2011 , 45, 7072-7080	5.3	51
13	Land use regression modeling to estimate historic (1962-1991) concentrations of black smoke and sulfur dioxide for Great Britain. <i>Environmental Science & Technology</i> , 2011 , 45, 3526-32	10.3	70
12	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> , 2011 , 20, 69-80	2.3	3
11	Modeling the health impacts of air pollution exposures in London within the GENESIS system 2011 ,		2
10	A framework to explore micronutrient deficiency in maternal and child health in Malawi, Southern Africa. <i>Environmental Health</i> , 2009 , 8 Suppl 1, S13	6	5
9	A review of land-use regression models to assess spatial variation of outdoor air pollution. <i>Atmospheric Environment</i> , 2008 , 42, 7561-7578	5.3	891
8	Effects of travel mode on exposures to particulate air pollution. <i>Environment International</i> , 2008 , 34, 12-22	12.9	145
7	Dasymetric modelling of small-area population distribution using land cover and light emissions data. <i>Remote Sensing of Environment</i> , 2007 , 108, 451-466	13.2	121
6	Journey-time exposure to particulate air pollution. <i>Atmospheric Environment</i> , 2007 , 41, 7195-7207	5.3	44
5	Time-space modeling of journey-time exposure to traffic-related air pollution using GIS. <i>Environmental Research</i> , 2005 , 97, 10-25	7.9	103
4	Personal exposure to particulate air pollution in transport microenvironments. <i>Atmospheric Environment</i> , 2004 , 38, 1-8	5.3	186
3	Integration of GPS and dead reckoning for real-time vehicle performance and emissions monitoring. <i>GPS Solutions</i> , 2003 , 6, 229-241	4.4	18
2	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> , 2000 , 253, 151-67	10.2	314
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> , 4 , 162	4.8	