David Donaire-Gonzalez

List of Publications by Year
in descending order

55 papers	3,602 citations	94381 37 h-index	149623 56 g-index
57 all docs	57 docs citations	57 times ranked	4977 citing authors

#	Article	IF	Citations
1	Urban environment and health behaviours in children from six European countries. Environment International, 2022, 165, 107319.	4.8	11
2	Associations between Traffic-Related Air Pollution and Cognitive Function in Australian Urban Settings: The Moderating Role of Diabetes Status. Toxics, 2022, 10, 289.	1.6	1
3	Does surrounding greenness moderate the relationship between apparent temperature and physical activity? Findings from the PHENOTYPE project. Environmental Research, 2021, 197, 110992.	3.7	6
4	Associations of traffic-related air pollution and greenery with academic outcomes among primary schoolchildren. Environmental Research, 2021, 199, 111325.	3.7	12
5	Early life multiple exposures and child cognitive function: A multi-centric birth cohort study in six European countries. Environmental Pollution, 2021, 284, 117404.	3.7	44
6	The impact of Traffic-Related air pollution on child and adolescent academic Performance: A systematic review. Environment International, 2021, 155, 106696.	4.8	18
7	Momentary mood response to natural outdoor environments in four European cities. Environment International, 2020, 134, 105237.	4.8	49
8	Physical and mental health effects of repeated short walks in a blue space environment: A randomised crossover study. Environmental Research, 2020, 188, 109812.	3.7	53
9	Association between the pregnancy exposome and fetal growth. International Journal of Epidemiology, 2020, 49, 572-586.	0.9	28
10	Early-Life Environmental Exposures and Childhood Obesity: An Exposome-Wide Approach. Environmental Health Perspectives, 2020, 128, 67009.	2.8	135
11	International Mind, Activities and Urban Places (iMAP) study: methods of a cohort study on environmental and lifestyle influences on brain and cognitive health. BMJ Open, 2020, 10, e036607.	0.8	9
12	Predictors of personal exposure to black carbon among women in southern semi-rural Mozambique. Environment International, 2019, 131, 104962.	4.8	22
13	Personal assessment of the external exposome during pregnancy and childhood in Europe.. Environmental Research, 2019, 174, 95-104.	3.7	27
14	Physical Activity Is Associated with Attenuated Disease Progression in Chronic Obstructive Pulmonary Disease. Medicine and Science in Sports and Exercise, 2019, 51, 833-840.	0.2	35
15	ExpoApp: An integrated system to assess multiple personal environmental exposures. Environment International, 2019, 126, 494-503.	4.8	23
16	Early-life exposome and lung function in children in Europe: an analysis of data from the longitudinal, population-based HELIX cohort. Lancet Planetary Health, The, 2019, 3, e81-e92.	5.1	100
17	Telecommunication devices use, screen time and sleep in adolescents. Environmental Research, 2019, 171, 341-347.	3.7	66
18	Performance of low-cost monitors to assess household air pollution. Environmental Research, 2018, 163, 53-63.	3.7	34

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19	Estimated effects of air pollution and space-time-activity on cardiopulmonary outcomes in healthy adults: A repeated measures study. Environment International, 2018, 111, 247-259.	4.8	66
20	Land use regression models for the oxidative potential of fine particles (PM 2.5) in five European areas. Environmental Research, 2018, 160, 247-255.	3.7	35
21	Variability of urinary concentrations of non-persistent chemicals in pregnant women and school-aged children. Environment International, 2018, 121, 561-573.	4.8	106
22	The Urban Exposome during Pregnancy and Its Socioeconomic Determinants. Environmental Health Perspectives, 2018, 126, 077005.	2.8	77
23	Human Early Life Exposome (HELIX) study: a European population-based exposome cohort. BMJ Open, 2018, 8, e021311.	0.8	161
24	The dyspnoeaâ€“inactivity vicious circle in COPD: development and external validation of a conceptual model. European Respiratory Journal, 2018, 52, 1800079.	3.1	102
25	Analysis of nocturnal actigraphic sleep measures in patients with COPD and their association with daytime physical activity. Thorax, 2017, 72, 694-701.	2.7	46
26	Land Use Regression Models for Ultrafine Particles in Six European Areas. Environmental Science & Technology, 2017, 51, 3336-3345.	4.6	75
27	Ultrafine particles and black carbon personal exposures in asthmatic and non-asthmatic children at school age. Indoor Air, 2017, 27, 891-899.	2.0	20
28	Impact of commuting exposure to traffic-related air pollution on cognitive development in children walking to school. Environmental Pollution, 2017, 231, 837-844.	3.7	71
29	Natural outdoor environments and mental health: Stress as a possible mechanism. Environmental Research, 2017, 159, 629-638.	3.7	142
30	Health impacts related to urban and transport planning: A burden of disease assessment. Environment International, 2017, 107, 243-257.	4.8	90
31	Physical activity patterns and clusters in 1001 patients with COPD. Chronic Respiratory Disease, 2017, 14, 256-269.	1.0	56
32	The relationship between bicycle commuting and perceived stress: a cross-sectional study. BMJ Open, 2017, 7, e013542.	0.8	73
33	Validating novel air pollution sensors to improve exposure estimates for epidemiological analyses and citizen science. Environmental Research, 2017, 158, 286-294.	3.7	96
34	Urban and Transport Planning Related Exposures and Mortality: A Health Impact Assessment for Cities. Environmental Health Perspectives, 2017, 125, 89-96.	2.8	173
35	Living Close to Natural Outdoor Environments in Four European Cities: Adultsâ€™ Contact with the Environments and Physical Activity. International Journal of Environmental Research and Public Health, 2017, 14, 1162.	1.2	42
36	The effect of randomised exposure to different types of natural outdoor environments compared to exposure to an urban environment on people with indications of psychological distress in Catalonia. PLoS ONE, 2017, 12, e0172200.	1.1	64

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37	Inspiratory capacityâ€toâ€total lung capacity ratio and dyspnoea predict exercise capacity decline in <scp>COPD</scp>. Respirology, 2016, 21, 476-482.	1.3	16
38	Short-term planning and policy interventions to promote cycling in urban centers: Findings from a commute mode choice analysis in Barcelona, Spain. Transportation Research, Part A: Policy and Practice, 2016, 89, 164-183.	2.0	68
39	Acute respiratory response to traffic-related air pollution during physical activity performance. Environment International, 2016, 97, 45-55.	4.8	67
40	Spatiotemporally resolved black carbon concentration, schoolchildren's exposure and dose in <scp>B</scp> arcelona. Indoor Air, 2016, 26, 391-402.	2.0	69
41	Benefits of Mobile Phone Technology for Personal Environmental Monitoring. JMIR MHealth and UHealth, 2016, 4, e126.	1.8	44
42	Objective correlates and determinants of bicycle commuting propensity in an urban environment. Transportation Research, Part D: Transport and Environment, 2015, 40, 132-143.	3.2	89
43	Variability in and Agreement between Modeled and Personal Continuously Measured Black Carbon Levels Using Novel Smartphone and Sensor Technologies. Environmental Science & Technology, 2015, 49, 2977-2982.	4.6	105
44	The Added Benefit of Bicycle Commuting on the Regular Amount of Physical Activity Performed. American Journal of Preventive Medicine, 2015, 49, 842-849.	1.6	47
45	Benefits of physical activity on COPD hospitalisation depend on intensity. European Respiratory Journal, 2015, 46, 1281-1289.	3.1	67
46	Positivehealtheffects of thenaturaloutdoor environment intypicalpopulations in different regions inEurope (PHENOTYPE): a study programme protocol. BMJ Open, 2014, 4, e004951.	0.8	120
47	Using Personal Sensors to Assess the Exposome and Acute Health Effects. International Journal of Environmental Research and Public Health, 2014, 11, 7805-7819.	1.2	65
48	Lifetime Occupational Exposure to Dusts, Gases and Fumes Is Associated with Bronchitis Symptoms and Higher Diffusion Capacity in COPD Patients. PLoS ONE, 2014, 9, e88426.	1.1	25
49	Physical activity in COPD patients: patterns and bouts. European Respiratory Journal, 2013, 42, 993-1002.	3.1	87
50	Improving estimates of air pollution exposure through ubiquitous sensing technologies. Environmental Pollution, 2013, 176, 92-99.	3.7	188
51	Comparison of Physical Activity Measures Using Mobile Phone-Based CalFit and Actigraph. Journal of Medical Internet Research, 2013, 15, e111.	2.1	53
52	Cured meat consumption increases risk of readmission in COPD patients. European Respiratory Journal, 2012, 40, 555-560.	3.1	36
53	Validation of the Yale Physical Activity Survey in Chronic Obstructive Pulmonary Disease Patients. Archivos De Bronconeumologia, 2011, 47, 552-560.	0.4	31
54	Factors affecting the relationship between psychological status and quality of life in COPD patients. Health and Quality of Life Outcomes, 2010, 8, 108.	1.0	68

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55	Physical Activity and Clinical and Functional Status in COPD. Chest, 2009, 136, 62-70.	0.4	142