Cathryn Tonne

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9057669/publications.pdf

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82	5,681	117453	79541
papers	citations	34 h-index	73 g-index

83	83	83	7281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Public health benefits of strategies to reduce greenhouse-gas emissions: urban land transport. Lancet, The, 2009, 374, 1930-1943.	6.3	856
2	Public health benefits of strategies to reduce greenhouse-gas emissions: household energy. Lancet, The, 2009, 374, 1917-1929.	6.3	597
3	Public health benefits of strategies to reduce greenhouse-gas emissions: overview and implications for policy makers. Lancet, The, 2009, 374, 2104-2114.	6.3	451
4	Changing the urban design of cities for health: The superblock model. Environment International, 2020, 134, 105132.	4.8	186
5	Road traffic noise is associated with increased cardiovascular morbidity and mortality and all-cause mortality in London. European Heart Journal, 2015, 36, 2653-2661.	1.0	185
6	A Caseâ€“Control Analysis of Exposure to Traffic and Acute Myocardial Infarction. Environmental Health Perspectives, 2007, 115, 53-57.	2.8	182
7	Urban and Transport Planning Related Exposures and Mortality: A Health Impact Assessment for Cities. Environmental Health Perspectives, 2017, 125, 89-96.	2.8	173
8	Public health benefits of strategies to reduce greenhouse-gas emissions: low-carbon electricity generation. Lancet, The, 2009, 374, 2006-2015.	6.3	166
9	The COVID-19 pandemic and global environmental change: Emerging research needs. Environment International, 2021, 146, 106272.	4.8	157
10	Air pollution and mortality benefits of the London Congestion Charge: spatial and socioeconomic inequalities. Occupational and Environmental Medicine, 2008, 65, 620-627.	1.3	152
11	Traffic-related Air Pollution in Relation to Cognitive Function in Older Adults. Epidemiology, 2014, 25, 674-681.	1.2	144
12	Energy, energy efficiency, and the built environment. Lancet, The, 2007, 370, 1175-1187.	6.3	133
13	Long-Term Survival After Acute Myocardial Infarction Is Lower in More Deprived Neighborhoods. Circulation, 2005, 111, 3063-3070.	1.6	111
14	The impact of the congestion charging scheme on ambient air pollution concentrations in London. Atmospheric Environment, 2009, 43, 5493-5500.	1.9	94
15	Health impacts related to urban and transport planning: A burden of disease assessment. Environment International, 2017, 107, 243-257.	4.8	90
16	Residential Surrounding Greenness and Cognitive Decline: A 10-Year Follow-up of the Whitehall II Cohort. Environmental Health Perspectives, 2018, 126, 077003.	2.8	90
17	Predictors of personal polycyclic aromatic hydrocarbon exposures among pregnant minority women in New York City.. Environmental Health Perspectives, 2004, 112, 754-759.	2.8	89
18	Long-term traffic air and noise pollution in relation to mortality and hospital readmission among myocardial infarction survivors. International Journal of Hygiene and Environmental Health, 2016, 219, 72-78.	2.1	82

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19	Green and blue spaces and physical functioning in older adults: Longitudinal analyses of the Whitehall II study. Environment International, 2019, 122, 346-356.	4.8	81
20	Defining pathways to healthy sustainable urban development. Environment International, 2021, 146, 106236.	4.8	81
21	Long-term exposure to air pollution is associated with survival following acute coronary syndrome. European Heart Journal, 2013, 34, 1306-1311.	1.0	79
22	Socioeconomic and ethnic inequalities in exposure to air and noise pollution in London. Environment International, 2018, 115, 170-179.	4.8	73
23	Association between ambient temperature and heat waves with mortality in South Asia: Systematic review and meta-analysis. Environment International, 2021, 146, 106170.	4.8	66
24	Characterising socio-economic inequalities in exposure to air pollution: A comparison of socio-economic markers and scales of measurement. Health and Place, 2011, 17, 767-774.	1.5	65
25	Long-term exposure to greenspace and metabolic syndrome: A Whitehall II study. Environmental Pollution, 2019, 255, 113231.	3.7	57
26	Development and Evaluation of a State-of-the-Science Reactive Plume Model. Environmental Science & Technology, 2000, 34, 870-880.	4.6	53
27	A comparison of fuel use between a low cost, improved wood stove and traditional three-stone stove in rural Kenya. Biomass and Bioenergy, 2013, 58, 258-266.	2.9	50
28	PM Mass Concentration and PM Oxidative Potential in Relation to Carotid Intima-media Thickness. Epidemiology, 2012, 23, 486-494.	1.2	48
29	When, Where, and What? Characterizing Personal PM_{2.5} Exposure in Periurban India by Integrating GPS, Wearable Camera, and Ambient and Personal Monitoring Data. Environmental Science & Technology, 2018, 52, 13481-13490.	4.6	47
30	Ambient Particulate Air Pollution and Blood Pressure in Peri-urban India. Epidemiology, 2019, 30, 492-500.	1.2	42
31	Green spaces, excess weight and obesity in Spain. International Journal of Hygiene and Environmental Health, 2020, 223, 45-55.	2.1	41
32	Guidelines for Modeling and Reporting Health Effects of Climate Change Mitigation Actions. Environmental Health Perspectives, 2020, 128, 115001.	2.8	40
33	Aligning climate change and public health policies. Lancet, The, 2009, 374, 2035-2038.	6.3	39
34	Integrated assessment of exposure to PM2.5 in South India and its relation with cardiovascular risk: Design of the CHAI observational cohort study. International Journal of Hygiene and Environmental Health, 2017, 220, 1081-1088.	2.1	39
35	Modeling Exposures to the Oxidative Potential of PM₁₀. Environmental Science & Technology, 2012, 46, 7612-7620.	4.6	37
36	Lessons from the COVID-19 pandemic for accelerating sustainable development. Environmental Research, 2021, 193, 110482.	3.7	37

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37	Elemental Carbon Exposure at Residence and Survival After Acute Myocardial Infarction. Epidemiology, 2009, 20, 547-554.	1.2	34
38	Development of land-use regression models for fine particles and black carbon in peri-urban South India. Science of the Total Environment, 2018, 634, 77-86.	3.9	34
39	Performance of low-cost monitors to assess household air pollution. Environmental Research, 2018, 163, 53-63.	3.7	34
40	New frontiers for environmental epidemiology in a changing world. Environment International, 2017, 104, 155-162.	4.8	33
41	Are rocket mud stoves associated with lower indoor carbon monoxide and personal exposure in rural Kenya?. Indoor Air, 2013, 23, 14-24.	2.0	32
42	Association of Ambient and Household Air Pollution With Bone Mineral Content Among Adults in Peri-urban South India. JAMA Network Open, 2020, 3, e1918504.	2.8	31
43	Association Between Outdoor Light-at-night Exposure and Colorectal Cancer in Spain. Epidemiology, 2020, 31, 718-727.	1.2	31
44	Tracking progress on health and climate change in Europe. Lancet Public Health, The, 2021, 6, e858-e865.	4.7	30
45	Air pollution and surrounding greenness in relation to ischemic stroke: A population-based cohort study. Environment International, 2022, 161, 107147.	4.8	30
46	Predictors of Daily Mobility of Adults in Peri-Urban South India. International Journal of Environmental Research and Public Health, 2017, 14, 783.	1.2	29
47	Associations of night-time road traffic noise with carotid intima-media thickness and blood pressure: The Whitehall II and SABRE study cohorts. Environment International, 2017, 98, 54-61.	4.8	28
48	Use of spatiotemporal characteristics of ambient PM2.5 in rural South India to infer local versus regional contributions. Environmental Pollution, 2018, 239, 803-811.	3.7	28
49	Impact of road traffic noise on annoyance and preventable mortality in European cities: A health impact assessment. Environment International, 2022, 162, 107160.	4.8	27
50	Personal exposure to particulate matter in peri-urban India: predictors and association with ambient concentration at residence. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 596-605.	1.8	23
51	Lack of association between particulate air pollution and blood glucose levels and diabetic status in peri-urban India. Environment International, 2019, 131, 105033.	4.8	22
52	Predictors of personal exposure to black carbon among women in southern semi-rural Mozambique. Environment International, 2019, 131, 104962.	4.8	22
53	Developing the building blocks to elucidate the impact of the urban exposome on cardiometabolic-pulmonary disease. Environmental Epidemiology, 2021, 5, e162.	1.4	22
54	Traffic particles and occurrence of acute myocardial infarction: a case-control analysis. Occupational and Environmental Medicine, 2009, 66, 797-804.	1.3	21

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55	Long-term exposure to traffic pollution and hospital admissions in London. Environmental Pollution, 2016, 208, 48-57.	3.7	21
56	Long-Term Greenspace Exposure and Progression of Arterial Stiffness: The Whitehall II Cohort Study. Environmental Health Perspectives, 2020, 128, 67014.	2.8	20
57	Is long-term exposure to traffic pollution associated with mortality? A small-area study in London. Environmental Pollution, 2016, 208, 25-32.	3.7	19
58	Household air pollution following replacement of traditional open fire with an improved rocket type cookstove. Science of the Total Environment, 2017, 580, 440-447.	3.9	18
59	Association between ambient and household air pollution with carotid intima-media thickness in peri-urban South India: CHAI-Project. International Journal of Epidemiology, 2020, 49, 69-79.	0.9	17
60	Identifying predictors of personal exposure to air temperature in peri-urban India. Science of the Total Environment, 2020, 707, 136114.	3.9	16
61	Wearable camera-derived microenvironments in relation to personal exposure to PM2.5. Environment International, 2018, 117, 300-307.	4.8	15
62	A call for epidemiology where the air pollution is. Lancet Planetary Health, The, 2017, 1, e355-e356.	5.1	13
63	Land-Use Change and Cardiometabolic Risk Factors in an Urbanizing Area of South India: A Population-Based Cohort Study. Environmental Health Perspectives, 2020, 128, 47003.	2.8	13
64	An approach for estimating the health effects of changes over time in air pollution: an illustration using cardio-respiratory hospital admissions in London. Occupational and Environmental Medicine, 2010, 67, 422-427.	1.3	12
65	Contribution of the physical environment to socioeconomic gradients in walking in the Whitehall II study. Health and Place, 2014, 27, 186-193.	1.5	12
66	Local mortality impacts due to future air pollution under climate change scenarios. Science of the Total Environment, 2022, 823, 153832.	3.9	11
67	Maternal seafood consumption during pregnancy and child attention outcomes: a cohort study with gene effect modification by PUFA-related genes. International Journal of Epidemiology, 2020, 49, 559-571.	0.9	10
68	Health and environmental impacts of replacing kerosene-based lighting with renewable electricity in East Africa. Energy for Sustainable Development, 2021, 63, 16-23.	2.0	9
69	Head circumference and child ADHD symptoms and cognitive functioning: results from a large population-based cohort study. European Child and Adolescent Psychiatry, 2019, 28, 377-388.	2.8	8
70	Personal exposure to particulate air pollution and vascular damage in peri-urban South India. Environment International, 2020, 139, 105734.	4.8	7
71	The role of blank filter mass in attenuation measurements using an off-line transmissometer. Journal of Aerosol Science, 2019, 131, 41-47.	1.8	6
72	Health impacts of fine particles under climate change mitigation, air quality control, and demographic change in India. Environmental Research Letters, 2021, 16, 054025.	2.2	6

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73	The Sensitivity of PM25Source-Receptor Relationships to Atmospheric Chemistry and Transport in a Three-Dimensional Air Quality Model. Journal of the Air and Waste Management Association, 2000, 50, 428-435.	0.9	5
74	rtimicropem: an R package supporting the analysis of RTI MicroPEM output files. Journal of Open Source Software, 2017, 2, .	2.0	5
75	Association of ambient and household air pollution with lung function in young adults in an peri-urban area of South-India: A cross-sectional study. Environment International, 2022, 165, 107290.	4.8	4
76	Is occupational biomass smoke exposure an overlooked driver of respiratory health?. Occupational and Environmental Medicine, 2018, 75, 687-688.	1.3	3
77	Study protocol of the European Urban Burden of Disease Project: a health impact assessment study. BMJ Open, 2022, 12, e054270.	0.8	3
78	Potential for Life Course Health Benefits From Improved Household Environments. JAMA Network Open, 2020, 3, e202968.	2.8	1
79	Determinants of carbon load in airway macrophages in pregnant women. Environmental Pollution, 2022, 297, 118765.	3.7	1
80	Long-Term Exposure to Traffic Particles is Associated with Acute Myocardial Infarction. Epidemiology, 2006, 17, S241.	1.2	0
81	Oxidative Potential: Moving Towards a Toxicity Based Measure of PM Exposure. Epidemiology, 2009, 20, S241-S242.	1.2	0
82	Kerosene-based lighting: an overlooked source of exposure to household air pollution?. Clean Air Journal, 2020, 30, .	0.2	0