Tom Cole-Hunter

List of Publications by Year
in descending order

49 papers	2,833 citations	186265 28 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	3423 citing authors

#	Article	IF	Citations
1	Ultrafine particle exposure for bicycle commutes in rush and non-rush hour traffic: A repeated measures study in Copenhagen, Denmark. Environmental Pollution, 2022, 294, 118631.	7.5	13
2	Long-term exposure to road traffic noise and all-cause and cause-specific mortality: a Danish Nurse Cohort study. Science of the Total Environment, 2022, 820, 153057.	8.0	14
3	Long-term exposure to air pollution and mortality in a Danish nationwide administrative cohort study: Beyond mortality from cardiopulmonary disease and lung cancer. Environment International, 2022, 164, 107241.	10.0	30
4	Short-term differences in cardiac function following controlled exposure to cookstove air pollution: The subclinical tests on volunteers exposed to smoke (STOVES) study. Environment International, 2021, 146, 106254.	10.0	11
5	Outdoor light at night and breast cancer incidence in the Danish Nurse Cohort. Environmental Research, 2021, 194, 110631.	7.5	18
6	Long-term exposure to road traffic noise and incident myocardial infarction. Environmental Epidemiology, 2021, 5, e148.	3.0	8
7	Long-Term Exposure to Road Traffic Noise and Air Pollution, and Incident Atrial Fibrillation in the Danish Nurse Cohort. Environmental Health Perspectives, 2021, 129, 87002.	6.0	13
8	Exposure to ultrafine particles while walking or bicycling during COVID-19 closures: A repeated measures study in Copenhagen, Denmark. Science of the Total Environment, 2021, 791, 148301.	8.0	14
9	Longâ€Term Exposure to Air Pollution, Road Traffic Noise, and Heart Failure Incidence: The Danish Nurse Cohort. Journal of the American Heart Association, 2021, 10, e021436.	3.7	11
10	Long-term exposure to road traffic noise and stroke incidence: a Danish Nurse Cohort study. Environmental Health, 2021, 20, 115.	4.0	14
11	Acute differences in pulse wave velocity, augmentation index, and central pulse pressure following controlled exposures to cookstove air pollution in the Subclinical Tests of Volunteers Exposed to Smoke (SToVES) study. Environmental Research, 2020, 180, 108831.	7.5	16
12	Long-term exposure to low levels of air pollution and mortality adjusting for road traffic noise: A Danish Nurse Cohort study. Environment International, 2020, 143, 105983.	10.0	22
13	What explains public transport use? Evidence from seven European cities. Transport Policy, 2020, 99, 362-374.	6.6	14
14	Long-term exposure to air pollution and stroke incidence: A Danish Nurse cohort study. Environment International, 2020, 142, 105891.	10.0	54
15	Acute differences in blood lipids and inflammatory biomarkers following controlled exposures to cookstove air pollution in the STOVES study. International Journal of Environmental Health Research, 2020, , 1-14.	2.7	5
16	Cyclist crash rates and risk factors in a prospective cohort in seven European cities. Accident Analysis and Prevention, 2020, 141, 105540.	5.7	22
17	Acute changes in lung function following controlled exposure to cookstove air pollution in the subclinical tests of volunteers exposed to smoke (STOVES) study. Inhalation Toxicology, 2020, 32, 115-123.	1.6	10
18	The health impacts of waste-to-energy emissions: a systematic review of the literature. Environmental Research Letters, 2020, 15, 123006.	5.2	28

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19	Physical activity of electric bicycle users compared to conventional bicycle users and non-cyclists: Insights based on health and transport data from an online survey in seven European cities. Transportation Research Interdisciplinary Perspectives, 2019, 1, 100017.	2.7	55
20	Effects of physical activity and air pollution on blood pressure. Environmental Research, 2019, 173, 387-396.	7.5	23
21	Evaluation of Different Recruitment Methods: Longitudinal, Web-Based, Pan-European Physical Activity Through Sustainable Transport Approaches (PASTA) Project. Journal of Medical Internet Research, 2019, 21, e11492.	4.3	34
22	Black Carbon Reduces the Beneficial Effect of Physical Activity on Lung Function. Medicine and Science in Sports and Exercise, 2018, 50, 1875-1881.	0.4	74
23	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.	10.0	66
24	Transport mode choice and body mass index: Cross-sectional and longitudinal evidence from a European-wide study. Environment International, 2018, 119, 109-116.	10.0	65
25	Short-term effects of physical activity, air pollution and their interaction on the cardiovascular and respiratory system. Environment International, 2018, 117, 82-90.	10.0	88
26	Wearable Sensors for Personal Monitoring and Estimation of Inhaled Traffic-Related Air Pollution: Evaluation of Methods. Environmental Science & Technology, 2017, 51, 1859-1867.	10.0	80
27	Health impacts related to urban and transport planning: A burden of disease assessment. Environment International, 2017, 107, 243-257.	10.0	90
28	The relationship between bicycle commuting and perceived stress: a cross-sectional study. BMJ Open, 2017, 7, e013542.	1.9	73
29	Validating novel air pollution sensors to improve exposure estimates for epidemiological analyses and citizen science. Environmental Research, 2017, 158, 286-294.	7.5	96
30	An evaluation tool kit of air quality micro-sensing units. Science of the Total Environment, 2017, 575, 639-648.	8.0	66
31	Wireless Distributed Environmental Sensor Networks for Air Pollution Measurementâ€"The Promise and the Current Reality. Sensors, 2017, 17, 2263.	3.8	39
32	Urban and Transport Planning Related Exposures and Mortality: A Health Impact Assessment for Cities. Environmental Health Perspectives, 2017, 125, 89-96.	6.0	173
33	Physical activity and sedentary behaviour in daily life: A comparative analysis of the Global Physical Activity Questionnaire (GPAQ) and the SenseWear armband. PLoS ONE, 2017, 12, e0177765.	2.5	38
34	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.	4.2	68
35	Acute respiratory response to traffic-related air pollution during physical activity performance. Environment International, 2016, 97, 45-55.	10.0	67
36	Physical Activity through Sustainable Transport Approaches (PASTA): a study protocol for a multicentre project. BMJ Open, 2016, 6, e009924.	1.9	65

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37	Private and public modes of bicycle commuting: a perspective on attitude and perception. European Journal of Public Health, 2016, 26, 717-723.	0.3	26
38	Impact of traffic-related air pollution on acute changes in cardiac autonomic modulation during rest and physical activity: a cross-over study. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 133-140.	3.9	46
39	Pacing during an ultramarathon running event in hilly terrain. PeerJ, 2016, 4, e2591.	2.0	17
40	Analysis of Public Interest in Environmental Health Information: Fine Tuning Content for Dissemination via Social Media. Lecture Notes in Computer Science, 2016, , 129-146.	1.3	0
41	Physical Activity through Sustainable Transport Approaches (PASTA): protocol for a multi-centre, longitudinal study. BMC Public Health, 2015, 15, 1126.	2.9	43
42	Bicycle Commuting and Exposure to Air Pollution: A Questionnaire-Based Investigation of Perceptions, Symptoms, and Risk Management Strategies. Journal of Physical Activity and Health, 2015, 12, 490-499.	2.0	24
43	Objective correlates and determinants of bicycle commuting propensity in an urban environment. Transportation Research, Part D: Transport and Environment, 2015, 40, 132-143.	6.8	89
44	The Added Benefit of Bicycle Commuting on the Regular Amount of Physical Activity Performed. American Journal of Preventive Medicine, 2015, 49, 842-849.	3.0	47
45	The effect of ego-motion on environmental monitoring. Science of the Total Environment, 2015, 533, 8-16.	8.0	16
46	Health impact assessment of active transportation: A systematic review. Preventive Medicine, 2015, 76, 103-114.	3.4	579
47	Utility of an alternative bicycle commute route of lower proximity to motorised traffic in decreasing exposure to ultra-fine particles, respiratory symptoms and airway inflammation â€“ a structured exposure experiment. Environmental Health, 2013, 12, 29.	4.0	48
48	Inhaled particle counts on bicycle commute routes of low and high proximity to motorised traffic. Atmospheric Environment, 2012, 61, 197-203.	4.1	52
49	A review of commuter exposure to ultrafine particles and its health effects. Atmospheric Environment, 2011, 45, 2611-2622.	4.1	261