

Marko Tainio

List of Publications by Citations

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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.

44
papers

2,165
citations

22
h-index

46
g-index

51
ext. papers

2,838
ext. citations

7
avg, IF

5.07
L-index

#	Paper	IF	Citations
44	Sedentary behaviour and risk of all-cause, cardiovascular and cancer mortality, and incident type 2 diabetes: a systematic review and dose response meta-analysis. <i>European Journal of Epidemiology</i> , 2018 , 33, 811-829	12.1	419
43	The health risks and benefits of cycling in urban environments compared with car use: health impact assessment study. <i>BMJ, The</i> , 2011 , 343, d4521	5.9	330
42	Can air pollution negate the health benefits of cycling and walking?. <i>Preventive Medicine</i> , 2016 , 87, 233-236	4.9	226
41	Health effects of the London bicycle sharing system: health impact modelling study. <i>BMJ, The</i> , 2014 , 348, g425	5.9	222
40	Health Impacts of Active Transportation in Europe. <i>PLoS ONE</i> , 2016 , 11, e0149990	3.7	85
39	A probabilistic characterization of the relationship between fine particulate matter and mortality: elicitation of European experts. <i>Environmental Science & Technology</i> , 2007 , 41, 6598-605	10.3	76
38	Air pollution, physical activity and health: A mapping review of the evidence. <i>Environment International</i> , 2021 , 147, 105954	12.9	54
37	Uncertainty in mortality response to airborne fine particulate matter: Combining European air pollution experts. <i>Reliability Engineering and System Safety</i> , 2008 , 93, 732-744	6.3	49
36	Health effects of fine particulate matter in life cycle impact assessment: findings from the Basel Guidance Workshop. <i>International Journal of Life Cycle Assessment</i> , 2015 , 20, 276-288	4.6	48
35	Contrasts in active transport behaviour across four countries: how do they translate into public health benefits?. <i>Preventive Medicine</i> , 2015 , 74, 42-8	4.3	45
34	Use of the prevented fraction for the population to determine deaths averted by existing prevalence of physical activity: a descriptive study. <i>The Lancet Global Health</i> , 2020 , 8, e920-e930	13.6	41
33	Health impact modelling of different travel patterns on physical activity, air pollution and road injuries for So Paulo, Brazil. <i>Environment International</i> , 2017 , 108, 22-31	12.9	38
32	Future climate and adverse health effects caused by fine particulate matter air pollution: case study for Poland. <i>Regional Environmental Change</i> , 2013 , 13, 705-715	4.3	34
31	Burden of disease caused by local transport in Warsaw, Poland. <i>Journal of Transport and Health</i> , 2015 , 2, 423-433	3	33
30	Health effects caused by primary fine particulate matter (PM2.5) emitted from buses in the Helsinki metropolitan area, Finland. <i>Risk Analysis</i> , 2005 , 25, 151-60	3.9	30
29	Risk-benefit analysis of eating farmed salmon. <i>Science</i> , 2004 , 305, 476-7; author reply 476-7	33.3	29
28	Cycling in Warsaw, Poland - Perceived enablers and barriers according to cyclists and non-cyclists. <i>Transportation Research, Part A: Policy and Practice</i> , 2018 , 113, 291-301	3.7	28

27	Evaluation of the European population intake fractions for European and Finnish anthropogenic primary fine particulate matter emissions. <i>Atmospheric Environment</i> , 2009 , 43, 3052-3059	5.3	27
26	Global Effect Factors for Exposure to Fine Particulate Matter. <i>Environmental Science & Technology</i> , 2019 , 53, 6855-6868	10.3	26
25	Integrated modeling assessments of the population exposure in Finland to primary PM2.5 from traffic and domestic wood combustion on the resolutions of 1 and 10 km. <i>Air Quality, Atmosphere and Health</i> , 2011 , 4, 179-188	5.6	26
24	A shift from motorised travel to active transport: What are the potential health gains for an Australian city?. <i>PLoS ONE</i> , 2017 , 12, e0184799	3.7	26
23	The carbon savings and health co-benefits from the introduction of mass rapid transit system in Greater Kuala Lumpur, Malaysia. <i>Journal of Transport and Health</i> , 2017 , 6, 187-200	3	24
22	Burden of Mortality and Disease Attributable to Multiple Air Pollutants in Warsaw, Poland. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	22
21	Impact of ambient air pollution on physical activity and sedentary behavior in China: A systematic review. <i>Environmental Research</i> , 2019 , 176, 108545	7.9	20
20	Cycling behaviour in 17 countries across 6 continents: levels of cycling, who cycles, for what purpose, and how far?. <i>Transport Reviews</i> , 1-24	9.9	19
19	Cycling in S Paulo, Brazil (1997-2012): Correlates, time trends and health consequences. <i>Preventive Medicine Reports</i> , 2016 , 4, 540-545	2.6	17
18	Severity of injuries in different modes of transport, expressed with disability-adjusted life years (DALYs). <i>BMC Public Health</i> , 2014 , 14, 765	4.1	17
17	The long-term impact of restricting cycling and walking during high air pollution days on all-cause mortality: Health impact Assessment study. <i>Environment International</i> , 2020 , 140, 105679	12.9	16
16	Development of the Impacts of Cycling Tool (ICT): A modelling study and web tool for evaluating health and environmental impacts of cycling uptake. <i>PLoS Medicine</i> , 2018 , 15, e1002622	11.6	16
15	Estimating traffic contribution to particulate matter concentration in urban areas using a multilevel Bayesian meta-regression approach. <i>Environment International</i> , 2020 , 141, 105800	12.9	13
14	Mortality, greenhouse gas emissions and consumer cost impacts of combined diet and physical activity scenarios: a health impact assessment study. <i>BMJ Open</i> , 2017 , 7, e014199	3	13
13	The modelled impact of increases in physical activity: the effect of both increased survival and reduced incidence of disease. <i>European Journal of Epidemiology</i> , 2017 , 32, 235-250	12.1	13
12	Intake fraction variability between air pollution emission sources inside an urban area. <i>Risk Analysis</i> , 2014 , 34, 2021-34	3.9	11
11	Evaluation of intake fractions for different subpopulations due to primary fine particulate matter (PM2.5) emitted from domestic wood combustion and traffic in Finland. <i>Air Quality, Atmosphere and Health</i> , 2011 , 4, 199-209	5.6	11
10	Perspectives to performance of environment and health assessments and models--from outputs to outcomes?. <i>International Journal of Environmental Research and Public Health</i> , 2013 , 10, 2621-42	4.6	8

9	Health co-benefits in mortality avoidance from implementation of the mass rapid transit (MRT) system in Kuala Lumpur, Malaysia. <i>Reviews on Environmental Health</i> , 2016 , 31, 179-83	3.8	8
8	Comparative risk analysis of dioxins in fish and fine particles from heavy-duty vehicles. <i>Risk Analysis</i> , 2008 , 28, 127-40	3.9	7
7	Parameter and model uncertainty in a life-table model for fine particles (PM2.5): a statistical modeling study. <i>Environmental Health</i> , 2007 , 6, 24	6	7
6	An economic way of reducing health, environmental, and other pressures of urban traffic: a decision analysis on trip aggregation. <i>BMC Public Health</i> , 2005 , 5, 123	4.1	7
5	Intra-urban variability of the intake fraction from multiple emission sources. <i>Atmospheric Pollution Research</i> , 2018 , 9, 1184-1193	4.5	5
4	Study protocol of the European Urban Burden of Disease Project: a health impact assessment study.. <i>BMJ Open</i> , 2022 , 12, e054270	3	2
3	A comparison of the health and environmental impacts of increasing urban density against increasing propensity to walk and cycle in Nashville, USA. <i>Cities and Health</i> , 2020 , 4, 55-65	2.8	2
2	A guide to value of information methods for prioritising research in health impact modelling.. <i>Epidemiologic Methods</i> , 2021 , 10, 20210012	2.2	1
1	Health impacts of changes in travel patterns in Greater Accra Metropolitan Area, Ghana. <i>Environment International</i> , 2021 , 155, 106680	12.9	1