

Simon Kingham

List of Publications by Citations

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104
papers

4,480
citations

32
h-index

65
g-index

106
ext. papers

5,147
ext. citations

4.7
avg, IF

5.57
L-index

#	Paper	IF	Citations
104	Mapping urban air pollution using GIS: a regression-based approach. <i>International Journal of Geographical Information Science</i> , 1997 , 11, 699-718	4.1	444
103	Improving health through policies that promote active travel: a review of evidence to support integrated health impact assessment. <i>Environment International</i> , 2011 , 37, 766-77	12.9	372
102	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
101	Role of physical activity in the relationship between urban green space and health. <i>Public Health</i> , 2013 , 127, 318-24	4	290
100	A review of intraurban variations in particulate air pollution: Implications for epidemiological research. <i>Atmospheric Environment</i> , 2005 , 39, 6444-6462	5.3	274
99	An ecological study investigating the association between access to urban green space and mental health. <i>Public Health</i> , 2013 , 127, 1005-11	4	229
98	Residential exposure to visible blue space (but not green space) associated with lower psychological distress in a capital city. <i>Health and Place</i> , 2016 , 39, 70-8	4.6	166
97	The association between green space and cause-specific mortality in urban New Zealand: an ecological analysis of green space utility. <i>BMC Public Health</i> , 2010 , 10, 240	4.1	132
96	The influence of vegetation on the horizontal and vertical distribution of pollutants in a street canyon. <i>Science of the Total Environment</i> , 2013 , 443, 287-98	10.2	128
95	Travelling to work: will people move out of their cars. <i>Transport Policy</i> , 2001 , 8, 151-160	5.7	118
94	Employer travel plans, cycling and gender: will travel plan measures improve the outlook for cycling to work in the UK?. <i>Transportation Research, Part D: Transport and Environment</i> , 2003 , 8, 53-67	6.4	115
93	Spatial variations in the concentrations of traffic-related pollutants in indoor and outdoor air in Huddersfield, England. <i>Atmospheric Environment</i> , 2000 , 34, 905-916	5.3	106
92	Every Breath You Take? Environmental Justice and Air Pollution in Christchurch, New Zealand. <i>Environment and Planning A</i> , 2006 , 38, 919-938	2.7	74
91	The effect of ambient air pollution on respiratory health of school children: a panel study. <i>Environmental Health</i> , 2008 , 7, 16	6	71
90	Variations in exposure to traffic pollution while travelling by different modes in a low density, less congested city. <i>Environmental Pollution</i> , 2013 , 181, 211-8	9.3	67
89	Driven to injustice? Environmental justice and vehicle pollution in Christchurch, New Zealand. <i>Transportation Research, Part D: Transport and Environment</i> , 2007 , 12, 254-263	6.4	56
88	Winter comparison of TEOM, MiniVol and DustTrak PM10 monitors in a woodsmoke environment. <i>Atmospheric Environment</i> , 2006 , 40, 338-347	5.3	55

87	The approaches to measuring the potential spatial access to urban health services revisited: distance types and aggregation-error issues. <i>International Journal of Health Geographics</i> , 2017 , 16, 32	3.5	54
86	Cyclists' exposure to air pollution and road traffic noise in central city neighbourhoods of Montreal. <i>Journal of Transport Geography</i> , 2016 , 57, 63-69	5.2	54
85	Assessment of exposure to traffic-related fumes during the journey to work. <i>Transportation Research, Part D: Transport and Environment</i> , 1998 , 3, 271-274	6.4	53
84	Evaluation of a year-long dispersion modelling of PM10 using the mesoscale model TAPM for Christchurch, New Zealand. <i>Science of the Total Environment</i> , 2005 , 349, 249-59	10.2	53
83	Close proximity to alcohol outlets is associated with increased serious violent crime in New Zealand. <i>Australian and New Zealand Journal of Public Health</i> , 2012 , 36, 48-54	2.3	50
82	Using mobile monitoring to visualise diurnal variation of traffic pollutants across two near-highway neighbourhoods. <i>Atmospheric Environment</i> , 2014 , 94, 782-792	5.3	48
81	Personalising the viewshed: Visibility analysis from the human perspective. <i>Applied Geography</i> , 2015 , 62, 1-7	4.4	46
80	Environmental inequalities in New Zealand: A national study of air pollution and environmental justice. <i>Geoforum</i> , 2008 , 39, 980-993	2.9	45
79	Intraurban variations of PM10 air pollution in Christchurch, New Zealand: implications for epidemiological studies. <i>Science of the Total Environment</i> , 2006 , 367, 559-72	10.2	45
78	Exposure to noise and air pollution by mode of transportation during rush hours in Montreal. <i>Journal of Transport Geography</i> , 2018 , 70, 182-192	5.2	45
77	Advancing visibility modelling algorithms for urban environments. <i>Computers, Environment and Urban Systems</i> , 2010 , 34, 518-531	5.9	42
76	Comprehensive clinical assessment of home-based older persons within New Zealand: an epidemiological profile of a national cross-section. <i>Australian and New Zealand Journal of Public Health</i> , 2016 , 40, 349-55	2.3	42
75	Spatial Lifecourse Epidemiology Reporting Standards (ISLE-ReSt) statement. <i>Health and Place</i> , 2020 , 61, 102243	4.6	36
74	The influence of road curvature on fatal crashes in New Zealand. <i>Accident Analysis and Prevention</i> , 2008 , 40, 843-50	6.1	35
73	An assessment of the benefits of the walking school bus in Christchurch, New Zealand. <i>Transportation Research, Part A: Policy and Practice</i> , 2007 , 41, 502-510	3.7	35
72	Deprived yet healthy: neighbourhood-level resilience in New Zealand. <i>Social Science and Medicine</i> , 2013 , 91, 238-45	5.1	31
71	Ticket to a sustainable future: An evaluation of the long-term durability of the Walking School Bus programme in Christchurch, New Zealand. <i>Transport Policy</i> , 2005 , 12, 314-323	5.7	31
70	Analysing spatially referenced public health data: a comparison of three methodological approaches. <i>Health and Place</i> , 2001 , 7, 1-12	4.6	30

69	Changing epidemiological trends of legionellosis in New Zealand, 1979-2009. <i>Epidemiology and Infection</i> , 2012 , 140, 1481-96	4.3	29
68	Elevated concentrations of 1-hydroxypyrene in schoolchildren during winter in Christchurch, New Zealand. <i>Science of the Total Environment</i> , 2007 , 374, 51-9	10.2	28
67	Associations between neighbourhood environmental characteristics and obesity and related behaviours among adult New Zealanders. <i>BMC Public Health</i> , 2014 , 14, 553	4.1	27
66	The effect of urban growth on commuting patterns in Christchurch, New Zealand. <i>Journal of Transport Geography</i> , 2006 , 14, 342-354	5.2	27
65	The impact of the school run on road traffic accidents: A spatio-temporal analysis. <i>Journal of Transport Geography</i> , 2011 , 19, 705-711	5.2	26
64	Why adolescents don't bicycle to school: Does the prototype/willingness model augment the theory of planned behaviour to explain intentions?. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017 , 46, 250-259	4.5	25
63	Public health impacts of city policies to reduce climate change: findings from the URGENCHE EU-China project. <i>Environmental Health</i> , 2016 , 15 Suppl 1, 25	6	25
62	Temporal variations in particulate exposure to wood smoke in a residential school environment. <i>Atmospheric Environment</i> , 2008 , 42, 4619-4631	5.3	22
61	Driving people crazy – A geography of boy racers in Christchurch, New Zealand. <i>New Zealand Geographer</i> , 2007 , 63, 181-191	0.9	22
60	Strengthening Teaching and Research Links: The Case of a Pollution Exposure Inquiry Project. <i>Journal of Geography in Higher Education</i> , 2009 , 33, 241-253	1.6	20
59	Reducing health inequity for Māori people in New Zealand. <i>Lancet, The</i> , 2019 , 394, 1613-1614	4.0	19
58	Assessing the relationship between greenspace and academic achievement in urban New Zealand primary schools. <i>New Zealand Geographer</i> , 2017 , 73, 155-165	0.9	18
57	Potential pollution exposure reductions from small-distance bicycle lane separations. <i>Journal of Transport and Health</i> , 2017 , 4, 40-52	3	18
56	Incorporating vegetation into visual exposure modelling in urban environments. <i>International Journal of Geographical Information Science</i> , 2011 , 25, 851-868	4.1	18
55	Slip! Slap! Slop! Cutaneous malignant melanoma incidence and social status in New Zealand, 1995-2000. <i>Health and Place</i> , 2006 , 12, 239-52	4.6	18
54	The effects of relocation and level of affectedness on mood and anxiety symptom treatments after the 2011 Christchurch earthquake. <i>Social Science and Medicine</i> , 2016 , 152, 18-26	5.1	17
53	A tale of two New Zealand cities: Cycling to school among adolescents in Christchurch and Dunedin. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017 , 49, 205-214	4.5	16
52	Living in areas with different levels of earthquake damage and association with risk of cardiovascular disease: a cohort-linkage study. <i>Lancet Planetary Health, The</i> , 2017 , 1, e242-e253	9.8	16

51	Including viral infection data supports an association between particulate pollution and respiratory admissions. <i>Australian and New Zealand Journal of Public Health</i> , 2011 , 35, 163-9	2.3	15
50	An ecological study of the relationship between socioeconomic isolation and mental health in the most deprived areas in Auckland, New Zealand. <i>Health and Place</i> , 2013 , 19, 159-66	4.6	14
49	Spatial implications of covariate adjustment on patterns of risk: respiratory hospital admissions in Christchurch, New Zealand. <i>Social Science and Medicine</i> , 2007 , 65, 43-59	5.1	14
48	Mobile selected ion flow tube mass spectrometry (SIFT-MS) devices and their use for pollution exposure monitoring in breath and ambient air-pilot study. <i>Journal of Breath Research</i> , 2014 , 8, 037106	3.1	13
47	Establishing links between air quality and health: searching for the impossible?. <i>Social Science and Medicine</i> , 1996 , 42, 831-41	5.1	13
46	Gender equity in health and the influence of intrapersonal factors on adolescent girls' decisions to bicycle to school. <i>Journal of Transport Geography</i> , 2018 , 71, 130-138	5.2	12
45	Geographic variation of clinically diagnosed mood and anxiety disorders in Christchurch after the 2010/11 earthquakes. <i>Health and Place</i> , 2014 , 30, 270-8	4.6	12
44	Accessibility to food retailers and socio-economic deprivation in urban New Zealand. <i>New Zealand Geographer</i> , 2019 , 75, 3-11	0.9	11
43	Obesity risk in women of childbearing age in New Zealand: a nationally representative cross-sectional study. <i>International Journal of Public Health</i> , 2019 , 64, 625-635	4	10
42	Breath testing and personal exposure--SIFT-MS detection of breath acetonitrile for exposure monitoring. <i>Journal of Breath Research</i> , 2015 , 9, 036006	3.1	10
41	Testing for Clustering of Health Events within a Geographical Information System Framework. <i>Environment and Planning A</i> , 1995 , 27, 809-821	2.7	10
40	National movement patterns during the COVID-19 pandemic in New Zealand: the unexplored role of neighbourhood deprivation. <i>Journal of Epidemiology and Community Health</i> , 2021 , 75, 903-905	5.1	10
39	Is particulate air pollution associated with health and health inequalities in New Zealand?. <i>Health and Place</i> , 2011 , 17, 1137-43	4.6	9
38	An empirical model for estimating census unit population exposure in areas lacking air quality monitoring. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2008 , 18, 200-10	6.7	9
37	The good, the bad, and the environment: developing an area-based measure of access to health-promoting and health-constraining environments in New Zealand. <i>International Journal of Health Geographics</i> , 2021 , 20, 16	3.5	9
36	Geospatial tools for Community Engagement in the Christchurch Rebuild, New Zealand. <i>Sustainable Cities and Society</i> , 2016 , 27, 233-243	10.1	8
35	Investigating spatial variation and change (2006-2017) in childhood immunisation coverage in New Zealand. <i>Social Science and Medicine</i> , 2020 , 264, 113292	5.1	8
34	Understanding vulnerability to COVID-19 in New Zealand: a nationwide cross-sectional study. <i>Journal of the Royal Society of New Zealand</i> , 2021 , 51, S179-S196	2	8

33	Unhealthy environments are associated with adverse mental health and psychological distress: Cross-sectional evidence from nationally representative data in New Zealand. <i>Preventive Medicine</i> , 2021 , 145, 106416	4.3	8
32	Exploring hotspots of pneumococcal pneumonia and potential impacts of ejecta dust exposure following the Christchurch earthquakes. <i>Spatial and Spatio-temporal Epidemiology</i> , 2013 , 7, 1-9	3.5	7
31	Environmental health indicators: a review of initiatives worldwide. <i>Management of Environmental Quality</i> , 2014 , 25, 446-466	3.6	6
30	The impact of the graduated driver licence scheme on road traffic accident youth mortality in New Zealand. <i>Journal of Transport Geography</i> , 2008 , 16, 134-141	5.2	6
29	Neighbourhood Influences on Children's Weight-related Behaviours and Body Mass Index. <i>AIMS Public Health</i> , 2015 , 2, 501-515	1.9	6
28	Spatio-temporal variation of mood and anxiety symptom treatments in Christchurch in the context of the 2010/11 Canterbury earthquake sequence. <i>Spatial and Spatio-temporal Epidemiology</i> , 2016 , 19, 91-102	3.5	6
27	Housing quality and resilience in New Zealand. <i>Building Research and Information</i> , 2014 , 42, 182-190	4.3	5
26	Close proximity to alcohol outlets is associated with increased crime and hazardous drinking: Pooled nationally representative data from New Zealand. <i>Health and Place</i> , 2020 , 65, 102397	4.6	5
25	The effect of spatial barriers on realised accessibility to health services after a natural disaster. <i>Health and Place</i> , 2015 , 35, 1-10	4.6	4
24	Proximity to busy highways and local resident perceptions of air quality. <i>Health and Place</i> , 2015 , 31, 154-162	4.2	4
23	A geospatial analysis of Type 2 Diabetes Mellitus and the food environment in urban New Zealand. <i>Social Science and Medicine</i> , 2021 , 288, 113231	5.1	4
22	Area-level deprivation, childhood dental ambulatory sensitive hospitalizations and community water fluoridation: evidence from New Zealand. <i>International Journal of Epidemiology</i> , 2020 , 49, 908-916	7.8	3
21	Adolescents and bicycling to school: Does behaviour setting/place make a difference?. <i>Journal of Transport Geography</i> , 2020 , 85, 102724	5.2	3
20	Challenges of Spatial Decision-Support Tools in Urban Planning: Lessons from New Zealand's Cities. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2020 , 146, 04020012	2.2	3
19	Investigating the prevalence of non-fluoride toothpaste use in adults and children using nationally representative data from New Zealand: a cross-sectional study. <i>British Dental Journal</i> , 2020 , 228, 269-276	1.2	3
18	Air pollution and restricted activity days among New Zealand school children and staff. <i>International Journal of Environment and Pollution</i> , 2010 , 41, 140	0.7	3
17	2008 ,		3
16	The impact of the minimum driver licensing age on mobility in New Zealand. <i>Journal of Transport Geography</i> , 2004 , 12, 301-314	5.2	3

15	Referring Expressions in Location Based Services: The Case of the Opposite Relation. <i>Lecture Notes in Computer Science</i> , 2011 , 231-240	0.9	3
14	The effects of spatially varying earthquake impacts on mood and anxiety symptom treatments among long-term Christchurch residents following the 2010/11 Canterbury earthquakes, New Zealand. <i>Health and Place</i> , 2016 , 41, 78-88	4.6	3
13	Slipping under the radar: worsened health outcomes in semi-urban areas of New Zealand. <i>New Zealand Medical Journal</i> , 2020 , 133, 121-125	0.8	3
12	Streets for transport and health: The opportunity of a temporary road closure for neighbourhood connection, activity and wellbeing. <i>Journal of Transport and Health</i> , 2020 , 18, 100872	3	2
11	Why is the rate of annual road fatalities increasing? A unit record analysis of New Zealand data (2010-2017). <i>Journal of Safety Research</i> , 2020 , 72, 67-74	4	2
10	Use of an exposure model to explore the impact of residential proximity to a highway on exposures to air pollutants of an ambient origin. <i>Air Quality, Atmosphere and Health</i> , 2016 , 9, 335-357	5.6	2
9	The Potential of Geospatial Tools for Enhancing Community Engagement in the Post-disaster Reconstruction of Christchurch, New Zealand. <i>Procedia Engineering</i> , 2015 , 118, 356-370		2
8	Spatial-temporal patterns of childhood immunization in New Zealand (2006-2017): an improving pattern but not for all?. <i>European Journal of Public Health</i> , 2021 , 31, 561-566	2.1	2
7	Winter Is Coming: A Socio-Environmental Monitoring and Spatiotemporal Modelling Approach for Better Understanding a Respiratory Disease. <i>ISPRS International Journal of Geo-Information</i> , 2018 , 7, 432	2.9	2
6	New Zealand Healthline call data used to measure the effect of travel time on the use of the emergency department. <i>Social Science and Medicine</i> , 2017 , 179, 91-96	5.1	1
5	Tools for Sustainable Change. <i>International Journal of E-Planning Research</i> , 2020 , 9, 21-42	1.3	1
4	Strengthening community connection and personal well-being through volunteering in New Zealand. <i>Health and Social Care in the Community</i> , 2021 , 29, 1971-1979	2.6	1
3	Investigating the Association Between Child Television Viewing and Measured Child Adiposity Outcomes in a Large Nationally Representative Sample of New Zealanders: A Cross-Sectional Study. <i>Journal of Physical Activity and Health</i> , 2021 , 18, 524-532	2.5	0
2	Transport changes and COVID-19: From present impacts to future possibilities.. <i>New Zealand Geographer</i> , 2021 , 77, 185-190	0.9	
1	Using Inquiry-Based Learning Approaches to Teach Undergraduate Geography. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2022 , 1-22	0.3	