

# Kim Dirks

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

2,280  
citations

257101

24  
h-index

223531

46  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3377  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution studies of rainfall on Norfolk Island. <i>Journal of Hydrology</i> , 1998, 208, 187-193.	2.3	300
2	Health and climate related ecosystem services provided by street trees in the urban environment. <i>Environmental Health</i> , 2016, 15, 36.	1.7	291
3	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, 287-298.	3.9	159
4	Exploring the Relationship between Noise Sensitivity, Annoyance and Health-Related Quality of Life in a Sample of Adults Exposed to Environmental Noise. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 3579-3594.	1.2	125
5	Evaluating the impact of wind turbine noise on health-related quality of life. <i>Noise and Health</i> , 2011, 13, 333.	0.4	123
6	Complex time series analysis of PM10 and PM2.5 for a coastal site using artificial neural network modelling and k-means clustering. <i>Atmospheric Environment</i> , 2014, 94, 106-116.	1.9	117
7	Development of an ANN-based air pollution forecasting system with explicit knowledge through sensitivity analysis. <i>Atmospheric Pollution Research</i> , 2014, 5, 696-708.	1.8	101
8	Do Quiet Areas Afford Greater Health-Related Quality of Life than Noisy Areas?. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 1284-1303.	1.2	74
9	Road traffic noise and health-related quality of life: A cross-sectional study. <i>Noise and Health</i> , 2013, 15, 224.	0.4	60
10	Emerging threats in urban ecosystems: a horizon scanning exercise. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 553-560.	1.9	56
11	A Comparative Health Risk Assessment of Electronic Cigarettes and Conventional Cigarettes. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 382.	1.2	49
12	A semi-empirical model for predicting the effect of changes in traffic flow patterns on carbon monoxide concentrations. <i>Atmospheric Environment</i> , 2003, 37, 2719-2724.	1.9	43
13	A Bilevel Multi-objective Road Pricing Model for Economic, Environmental and Health Sustainability. <i>Transportation Research Procedia</i> , 2014, 3, 393-402.	0.8	41
14	Implications for air quality management of changes in air quality during lockdown in Auckland (New Zealand). <i>Environmental Pollution</i> , 2021, 270, 141129.	3.9	41
15	Personal Exposure to Air Pollution for Various Modes of Transport in Auckland, New Zealand. <i>The Open Atmospheric Science Journal</i> , 2012, 6, 84-92.	0.5	41
16	Housing Risk Factors Associated with Respiratory Disease: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2815.	1.2	34
17	The Covariance between Air Pollution Annoyance and Noise Annoyance, and Its Relationship with Health-Related Quality of Life. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 792.	1.2	33
18	Effects of local, synoptic and large-scale climate conditions on daily nitrogen dioxide concentrations in Auckland, New Zealand. <i>International Journal of Climatology</i> , 2014, 34, 1883-1897.	1.5	32

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19	A Novel Approach in Quantifying the Effect of Urban Design Features on Local-Scale Air Pollution in Central Urban Areas. <i>Environmental Science &amp; Technology</i> , 2015, 49, 9004-9011.	4.6	31
20	An investigation into long-distance health impacts of the 1996 eruption of Mt Ruapehu, New Zealand. <i>Atmospheric Environment</i> , 2010, 44, 1568-1578.	1.9	29
21	Climate and respiratory disease in Auckland, New Zealand. <i>Australian and New Zealand Journal of Public Health</i> , 2009, 33, 521-526.	0.8	28
22	Green space and pregnancy outcomes: Evidence from Growing Up in New Zealand. <i>Health and Place</i> , 2017, 46, 21-28.	1.5	28
23	Indoor Air Pollution Levels Were Halved as a Result of a National Tobacco Ban in a New Zealand Prison. <i>Nicotine and Tobacco Research</i> , 2013, 15, 343-347.	1.4	26
24	High-resolution studies of rainfall on Norfolk Island. <i>Journal of Hydrology</i> , 1998, 208, 163-186.	2.3	25
25	Determinants of spikes in ultrafine particle concentration whilst commuting by bus. <i>Atmospheric Environment</i> , 2015, 112, 1-8.	1.9	25
26	Air Pollution Exposure in Relation to the Commute to School: A Bradford UK Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1064.	1.2	25
27	A simple semi-empirical model for predicting missing carbon monoxide concentrations. <i>Atmospheric Environment</i> , 2002, 36, 5953-5959.	1.9	22
28	Green Space and Depression during Pregnancy: Results from the Growing Up in New Zealand Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1083.	1.2	22
29	The Negative Affect Hypothesis of Noise Sensitivity. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 5284-5303.	1.2	21
30	Air Pollution Exposure in Walking School Bus Routes: A New Zealand Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2802.	1.2	21
31	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.	1.5	17
32	PERCEPTIONS OF NEIGHBORHOOD PROBLEMS AND HEALTH-RELATED QUALITY OF LIFE. <i>Journal of Community Psychology</i> , 2012, 40, 814-827.	1.0	15
33	The impact of seating location on black carbon exposure in public transit buses: Implications for vulnerable groups. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 62, 577-583.	3.2	15
34	A Rain Gauge for the Measurement of Finescale Temporal Variations. <i>Journal of Atmospheric and Oceanic Technology</i> , 1998, 15, 127-135.	0.5	14
35	Cycleways and footpaths: What separation is needed for equivalent air pollution dose between travel modes?. <i>Transportation Research, Part D: Transport and Environment</i> , 2014, 32, 111-119.	3.2	14
36	Supporting healthy route choice for commuter cyclists: The trade-off between travel time and pollutant dose. <i>Operations Research for Health Care</i> , 2018, 19, 156-164.	0.8	13

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37	Use of Creative Writing to Develop a Semantic Differential Tool for Assessing Soundscapes. <i>Frontiers in Psychology</i> , 2018, 9, 2698.	1.1	13
38	Quantification of the Psychoacoustic Effect of Noise from Small Unmanned Aerial Vehicles. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8893.	1.2	13
39	High resolution studies of rainfall on Norfolk Island, Part III: A model for rainfall redistribution. <i>Journal of Hydrology</i> , 1998, 208, 194-203.	2.3	12
40	Green space, health, and wellbeing: considerations for South Asia. <i>Lancet Planetary Health</i> , The, 2020, 4, e135-e136.	5.1	12
41	A simple semi-empirical technique for apportioning the impact of roadways on air quality in an urban neighbourhood. <i>Atmospheric Environment</i> , 2014, 83, 99-108.	1.9	11
42	Green Space and Physical Activity in Pregnant Women: Evidence From the Growing Up in New Zealand Study. <i>Journal of Physical Activity and Health</i> , 2016, 13, 1341-1350.	1.0	10
43	The relationship between Brown haze, atmospheric boundary layer structure, and air pollution in an urban area of complex coastal terrain. <i>Atmospheric Pollution Research</i> , 2021, 12, 101057.	1.8	10
44	Modelling and predicting urban atmospheric pollutants in the Aosta Valley region of Italy using a site-optimised model. <i>Atmospheric Science Letters</i> , 2006, 7, 15-20.	0.8	8
45	A Statistical Analysis of the Relationship between Brown Haze and Surface Air Pollution Levels on Respiratory Hospital Admissions in Auckland, New Zealand. <i>Climate</i> , 2017, 5, 86.	1.2	8
46	Housing for Now and the Future: A Systematic Review of Climate-Adaptive Measures. <i>Sustainability</i> , 2021, 13, 6744.	1.6	7
47	A climatological analysis of the incidence of brown haze in Auckland, New Zealand. <i>International Journal of Climatology</i> , 2016, 36, 2516-2526.	1.5	6
48	Health-related quality of life is impacted by proximity to an airport in noise-sensitive people. <i>Noise and Health</i> , 2018, 20, 171-177.	0.4	6
49	In-Cabin Vehicle Carbon Monoxide Concentrations under Different Ventilation Settings. <i>Atmosphere</i> , 2018, 9, 338.	1.0	5
50	A Ceilometer-Derived Climatology of the Convective Boundary Layer Over a Southern Hemisphere Subtropical City. <i>Boundary-Layer Meteorology</i> , 2021, 178, 435-462.	1.2	5
51	Assessment of qualia and affect in urban and natural soundscapes. <i>Applied Acoustics</i> , 2021, 180, 108142.	1.7	4
52	Influence of Differing Microenvironments on Personal Carbon Monoxide Exposure in Auckland, New Zealand. <i>The Open Atmospheric Science Journal</i> , 2015, 9, 1-8.	0.5	4
53	Annoyance and Health-Related Quality of Life: A Cross-Sectional Study Involving Two Noise Sources. <i>Journal of Environmental Protection</i> , 2014, 05, 400-407.	0.3	4
54	Using health impacts to assess atmospheric carbon monoxide models. <i>Meteorological Applications</i> , 2006, 13, 83.	0.9	3

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55	Natural hazard preparedness in an Auckland community: child and community perceptions. Pastoral Care in Education, 2014, 32, 23-41.	0.9	3
56	Health-Related Quality of Life across a Variety of Community Contexts. International Journal of Community Well-Being, 2021, 4, 17-31.	0.7	3
57	The Impact of Route Choice on Active Commuters' Exposure to Air Pollution: A Systematic Review. Frontiers in Sustainable Cities, 2021, 2, .	1.2	3
58	What makes a healthy home? A study in Auckland, New Zealand. Building Research and Information, 2022, 50, 738-754.	2.0	3
59	A Simple Tool to Identify Representative Wind Sites for Air Pollution Modelling Applications. Advances in Meteorology, 2016, 2016, 1-11.	0.6	2
60	The Effect of Route Choice in Children's Exposure to Ultrafine Particles Whilst Walking to School. International Journal of Environmental Research and Public Health, 2021, 18, 7808.	1.2	2
61	Responsible corporate change: detecting and managing employee stress. Occupational Medicine, 2015, 65, 226-228.	0.8	1
62	Validation of ash cloud modelling with satellite retrievals: a case study of the 16 <sup>th</sup> –17 June 1996 Mount Ruapehu eruption. Natural Hazards, 2015, 78, 973-993.	1.6	1
63	Environmental monitoring and thermal performance of New Zealand rental housing: an exploratory study. Intelligent Buildings International, 2022, 14, 45-53.	1.3	1
64	Arsenic in Hair as a Marker of Exposure to Smoke from the Burning of Treated Wood in Domestic Wood Burners. International Journal of Environmental Research and Public Health, 2020, 17, 3944.	1.2	1
65	Socioeconomic Status and Route Characteristics in Relation to Children's Exposure to Air Pollution from Road Traffic While Walking to School in Auckland, New Zealand. International Journal of Environmental Research and Public Health, 2021, 18, 4996.	1.2	1
66	Community exposure to hazardous site remediation in rural New Zealand: an exposed-referent study of serum dioxins and health effects. Australian and New Zealand Journal of Public Health, 2016, 40, 412-417.	0.8	0
67	A Methodology for Quantifying the Contribution of Volcanic Ash to Urban Air Pollution. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 285-288.	0.1	0
68	The Epidemiology of Noise Sensitivity in New Zealand. Neuroepidemiology, 2020, 54, 482-489.	1.1	0
69	The contribution of personal audio system use and commuting by bus on daily noise dose. Noise and Health, 2021, 23, 87-93.	0.4	0