

# Geoffrey G Morgan

## List of Publications by Year in descending order

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Version: 2024-02-01

119  
papers

4,906  
citations

70961

41  
h-index

106150

65  
g-index

122  
all docs

122  
docs citations

122  
times ranked

5821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal Exposure to Particulate Air Pollution and Term Birth Weight: A Multi-Country Evaluation of Effect and Heterogeneity. <i>Environmental Health Perspectives</i> , 2013, 121, 267-373.	2.8	339
2	Extreme air pollution events from bushfires and dust storms and their association with mortality in Sydney, Australia 1994â€“2007. <i>Environmental Research</i> , 2011, 111, 811-816.	3.7	229
3	Effects of Bushfire Smoke on Daily Mortality and Hospital Admissions in Sydney, Australia. <i>Epidemiology</i> , 2010, 21, 47-55.	1.2	206
4	Unprecedented smokeâ€“related health burden associated with the 2019â€“20 bushfires in eastern Australia. <i>Medical Journal of Australia</i> , 2020, 213, 282-283.	0.8	198
5	The health impacts and economic value of wildland fire episodes in the U.S.: 2008â€“2012. <i>Science of the Total Environment</i> , 2018, 610-611, 802-809.	3.9	184
6	Unprecedented health costs of smoke-related PM2.5 from the 2019â€“20 Australian megafires. <i>Nature Sustainability</i> , 2021, 4, 42-47.	11.5	127
7	Ambient Air Pollution and Birth Defects in Brisbane, Australia. <i>PLoS ONE</i> , 2009, 4, e5408.	1.1	118
8	Impact of ambient air pollution on birth weight in Sydney, Australia. <i>Occupational and Environmental Medicine</i> , 2005, 62, 524-530.	1.3	115
9	Is there an association between hot weather and poor mental health outcomes? A systematic review and meta-analysis. <i>Environment International</i> , 2021, 153, 106533.	4.8	112
10	Health impacts of pesticide exposure in a cohort of outdoor workers.. <i>Environmental Health Perspectives</i> , 2003, 111, 724-730.	2.8	105
11	Heat exposure and cardiovascular health outcomes: a systematic review and meta-analysis. <i>Lancet Planetary Health</i> , The, 2022, 6, e484-e495.	5.1	100
12	Vegetation fire smoke, indigenous status and cardio-respiratory hospital admissions in Darwin, Australia, 1996â€“2005: a time-series study. <i>Environmental Health</i> , 2008, 7, 42.	1.7	94
13	Association between fire smoke fine particulate matter and asthma-related outcomes: Systematic review and meta-analysis. <i>Environmental Research</i> , 2019, 179, 108777.	3.7	92
14	Air pollution events from forest fires and emergency department attendances in Sydney, Australia 1996â€“2007: a case-crossover analysis. <i>Environmental Health</i> , 2014, 13, 105.	1.7	91
15	Air pollution from bushfires and their association with hospital admissions in Sydney, Newcastle and Wollongong, Australia 1994â€“2007. <i>Australian and New Zealand Journal of Public Health</i> , 2013, 37, 238-243.	0.8	90
16	Bushfire smoke: urgent need for a national health protection strategy. <i>Medical Journal of Australia</i> , 2020, 212, 349.	0.8	87
17	The health benefits of reducing air pollution in Sydney, Australia. <i>Environmental Research</i> , 2015, 143, 19-25.	3.7	85
18	Evaluation of interventions to reduce air pollution from biomass smoke on mortality in Launceston, Australia: retrospective analysis of daily mortality, 1994-2007. <i>BMJ, The</i> , 2013, 346, e8446-e8446.	3.0	82

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19	Is short-term exposure to ambient fine particles associated with measles incidence in China? A multi-city study. <i>Environmental Research</i> , 2017, 156, 306-311.	3.7	80
20	Impact of ambient air pollution on gestational age is modified by season in Sydney, Australia. <i>Environmental Health</i> , 2007, 6, 16.	1.7	72
21	Traffic related air pollution and development and persistence of asthma and low lung function. <i>Environment International</i> , 2018, 113, 170-176.	4.8	64
22	Satellite-Based Land-Use Regression for Continental-Scale Long-Term Ambient PM <sub>2.5</sub> Exposure Assessment in Australia. <i>Environmental Science &amp; Technology</i> , 2018, 52, 12445-12455.	4.6	64
23	Frequent hospital admission of older people with chronic disease: a cross-sectional survey with telephone follow-up and data linkage. <i>BMC Health Services Research</i> , 2012, 12, 373.	0.9	63
24	All-cause mortality and long-term exposure to low level air pollution in the "45 and up study" cohort, Sydney, Australia, 2006-2015. <i>Environment International</i> , 2019, 126, 762-770.	4.8	63
25	The impact of heat on mortality and morbidity in the Greater Metropolitan Sydney Region: a case crossover analysis. <i>Environmental Health</i> , 2013, 12, 98.	1.7	62
26	The 2020 special report of the <i>MJA's "Lancet" Countdown on health and climate change: lessons learnt from Australia's "Black Summer". <i>Medical Journal of Australia</i> , 2020, 213, 490.	0.8	59
27	Admissions for chronic ambulatory care sensitive conditions - a useful measure of potentially preventable admission?. <i>BMC Health Services Research</i> , 2015, 15, 472.	0.9	57
28	Influence of socioeconomic and cultural factors on rural health. <i>Australian Journal of Rural Health</i> , 2009, 17, 10-15.	0.7	54
29	The 2019 report of the <sc>MJA</sc> "Lancet" Countdown on health and climate change: a turbulent year with mixed progress. <i>Medical Journal of Australia</i> , 2019, 211, 490.	0.8	53
30	Acute Health Impacts of the Southeast Asian Transboundary Haze Problem - A Review. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3286.	1.2	53
31	The International Collaboration on Air Pollution and Pregnancy Outcomes: Initial Results. <i>Environmental Health Perspectives</i> , 2011, 119, 1023-1028.	2.8	50
32	The <i>MJA's "Lancet" Countdown on health and climate change: Australian policy inaction threatens lives. <i>Medical Journal of Australia</i> , 2018, 209, 474-474.	0.8	49
33	Associations between ambient air pollution and daily emergency department attendances for cardiovascular disease in the elderly (65+ years), Sydney, Australia. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2006, 16, 225-237.	1.8	48
34	Socioeconomic and maternal determinants of small-for-gestational age births: Patterns of increasing disparity. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2009, 88, 575-583.	1.3	48
35	Air pollution and ED visits for asthma in Australian children: a case-crossover analysis. <i>International Archives of Occupational and Environmental Health</i> , 2008, 81, 967-974.	1.1	47
36	Long-term exposure to low concentrations of air pollutants and hospitalisation for respiratory diseases: A prospective cohort study in Australia. <i>Environment International</i> , 2018, 121, 415-420.	4.8	47

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37	Multi-city study on air pollution and hospital outpatient visits for asthma in China. <i>Environmental Pollution</i> , 2020, 257, 113638.	3.7	47
38	Creating an Integrated Historical Record of Extreme Particulate Air Pollution Events in Australian Cities from 1994 to 2007. <i>Journal of the Air and Waste Management Association</i> , 2011, 61, 390-398.	0.9	44
39	The role of social isolation in frequent and/or avoidable hospitalisation: rural community-based service providers' perspectives. <i>Australian Health Review</i> , 2013, 37, 223.	0.5	44
40	Ambient particulate matter, landscape fire smoke, and emergency ambulance dispatches in Sydney, Australia. <i>Environment International</i> , 2017, 99, 208-212.	4.8	44
41	The mortality effect of ship-related fine particulate matter in the Sydney greater metropolitan region of NSW, Australia. <i>Environment International</i> , 2016, 87, 85-93.	4.8	43
42	A rapid assessment of the impact of hazard reduction burning around Sydney, May 2016. <i>Medical Journal of Australia</i> , 2016, 205, 407-408.	0.8	41
43	Childhood asthma and return to school in Sydney, Australia. <i>Public Health</i> , 2006, 120, 854-862.	1.4	40
44	An objective index of walkability for research and planning in the Sydney Metropolitan Region of New South Wales, Australia: an ecological study. <i>International Journal of Health Geographics</i> , 2013, 12, 61.	1.2	40
45	The distribution of maternity services across rural and remote Australia: does it reflect population need?. <i>BMC Health Services Research</i> , 2017, 17, 163.	0.9	39
46	Air Pollution and Otitis Media in Children: A Systematic Review of Literature. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 257.	1.2	39
47	A deep learning approach to identify smoke plumes in satellite imagery in near-real time for health risk communication. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 170-176.	1.8	33
48	Hot weather as a risk factor for kidney disease outcomes: A systematic review and meta-analysis of epidemiological evidence. <i>Science of the Total Environment</i> , 2021, 801, 149806.	3.9	32
49	Differential Mental Health Impact Six Months After Extensive River Flooding in Rural Australia: A Cross-Sectional Analysis Through an Equity Lens. <i>Frontiers in Public Health</i> , 2019, 7, 367.	1.3	31
50	A Clean Air Plan for Sydney: An Overview of the Special Issue on Air Quality in New South Wales. <i>Atmosphere</i> , 2019, 10, 774.	1.0	29
51	Ambient Air Pollution Exposure Association with Anaemia Prevalence and Haemoglobin Levels in Chinese Older Adults. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3209.	1.2	29
52	The 2021 report of the <i>MJA</i> "Lancet Countdown on health and climate change: Australia increasingly out on a limb. <i>Medical Journal of Australia</i> , 2021, 215, 390.	0.8	29
53	A three year (1993-1995) calendar of pollen and Alternaria mould in the atmosphere of south western Sydney. <i>Grana</i> , 1997, 36, 293-300.	0.4	28
54	Neighbourhood walkability, road density and socio-economic status in Sydney, Australia. <i>Environmental Health</i> , 2016, 15, 58.	1.7	28

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55	The mortality effect of PM2.5 sources in the Greater Metropolitan Region of Sydney, Australia. <i>Environment International</i> , 2020, 137, 105429.	4.8	28
56	The health impacts of waste-to-energy emissions: a systematic review of the literature. <i>Environmental Research Letters</i> , 2020, 15, 123006.	2.2	28
57	Spatio-temporal variation in trihalomethanes in New South Wales. <i>Water Research</i> , 2011, 45, 5715-5726.	5.3	26
58	Maternity services for rural and remote Australia: barriers to operationalising national policy. <i>Health Policy</i> , 2017, 121, 1161-1168.	1.4	25
59	Associations between long-term exposure to ambient air pollution and Parkinson's disease prevalence: A cross-sectional study. <i>Neurochemistry International</i> , 2020, 133, 104615.	1.9	25
60	The Summer 2019â€“2020 Wildfires in East Coast Australia and Their Impacts on Air Quality and Health in New South Wales, Australia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3538.	1.2	24
61	Community based service providers' perspectives on frequent and/or avoidable admission of older people with chronic disease in rural NSW: a qualitative study. <i>BMC Health Services Research</i> , 2011, 11, 265.	0.9	23
62	Health burden associated with fire smoke in Sydney, 2001â€“2013. <i>Medical Journal of Australia</i> , 2018, 208, 309-310.	0.8	23
63	Ambient Particulate Matter and Paramedic Assessments of Acute Diabetic, Cardiovascular, and Respiratory Conditions. <i>Epidemiology</i> , 2019, 30, 11-19.	1.2	22
64	Long-term nitrogen dioxide exposure assessment using back-extrapolation of satellite-based land-use regression models for Australia. <i>Environmental Research</i> , 2018, 163, 16-25.	3.7	21
65	Social vulnerability in a high-risk flood-affected rural region of NSW, Australia. <i>Natural Hazards</i> , 2020, 101, 631-650.	1.6	21
66	Air pollution control efficacy and health impacts: A global observational study from 2000 to 2016. <i>Environmental Pollution</i> , 2021, 287, 117211.	3.7	20
67	Small area estimation of sparse disease counts using shared component models-application to birth defect registry data in New South Wales, Australia. <i>Health and Place</i> , 2010, 16, 684-693.	1.5	18
68	Diagnosing Potentially Preventable Hospitalisations (DaPPHne): protocol for a mixed-methods data-linkage study. <i>BMJ Open</i> , 2015, 5, e009879.	0.8	18
69	Meta-analysis of small for gestational age births and disinfection byproduct exposures. <i>Environmental Research</i> , 2021, 196, 110280.	3.7	18
70	Aboriginal Population and Climate Change in Australia: Implications for Health and Adaptation Planning. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7502.	1.2	18
71	Systemic Inflammation (C-Reactive Protein) in Older Chinese Adults Is Associated with Long-Term Exposure to Ambient Air Pollution. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3258.	1.2	17
72	The Relationship Between Air Pollution and All-Cause Mortality in Singapore. <i>Atmosphere</i> , 2020, 11, 9.	1.0	15

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73	Exposure to Stress and Air Pollution from Bushfires during Pregnancy: Could Epigenetic Changes Explain Effects on the Offspring?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7465.	1.2	15
74	Reflections on the Catastrophic 2019–2020 Australian Bushfires. <i>Innovation(China)</i> , 2020, 1, 100010.	5.2	15
75	Ambient air pollution, lung function and COPD: cross-sectional analysis from the WHO Study of AGEing and adult health wave 1. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000684.	1.2	15
76	Mortality Burden of Heatwaves in Sydney, Australia Is Exacerbated by the Urban Heat Island and Climate Change: Can Tree Cover Help Mitigate the Health Impacts?. <i>Atmosphere</i> , 2022, 13, 714.	1.0	15
77	The contribution of area-level walkability to geographic variation in physical activity: a spatial analysis of 95,837 participants from the 45 and Up Study living in Sydney, Australia. <i>Population Health Metrics</i> , 2017, 15, 38.	1.3	14
78	Avoidable Mortality Attributable to Anthropogenic Fine Particulate Matter (PM2.5) in Australia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 254.	1.2	14
79	“Breathing Fire”™: Impact of Prolonged Bushfire Smoke Exposure in People with Severe Asthma. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7419.	1.2	14
80	Ambient air pollution exposure association with diabetes prevalence and glycosylated hemoglobin (HbA1c) levels in China. Cross-sectional analysis from the WHO study of AGEing and adult health wave 1. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 1149-1162.	0.9	13
81	Influences on the degree of preterm birth in New South Wales. <i>Australian and New Zealand Journal of Public Health</i> , 2013, 37, 562-567.	0.8	12
82	Dust Transport from Inland Australia and Its Impact on Air Quality and Health on the Eastern Coast of Australia during the February 2019 Dust Storm. <i>Atmosphere</i> , 2021, 12, 141.	1.0	12
83	Maternal factors and risk of spontaneous preterm birth due to high ambient temperatures in New South Wales, Australia. <i>Paediatric and Perinatal Epidemiology</i> , 2022, 36, 4-12.	0.8	12
84	The health benefits of greening strategies to cool urban environments – A heat health impact method. <i>Building and Environment</i> , 2022, 207, 108546.	3.0	12
85	Exposure to Trihalomethanes in Drinking Water and Small-for-gestational-age Births. <i>Epidemiology</i> , 2012, 23, 15-22.	1.2	11
86	Can Public Spaces Effectively Be Used as Cleaner Indoor Air Shelters during Extreme Smoke Events?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4085.	1.2	11
87	February asthma outbreaks in NSW: a case control study. <i>Australian and New Zealand Journal of Public Health</i> , 2001, 25, 514-519.	0.8	10
88	Modelling Hazardous Reduction Burnings and Bushfire Emission in Air Quality Model and Their Impacts on Health in the Greater Metropolitan Region of Sydney. <i>Environmental Modeling and Assessment</i> , 2020, 25, 705-730.	1.2	10
89	Prioritising Housing Maintenance to Improve Health in Indigenous Communities in NSW over 20 years. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5946.	1.2	9
90	Joint modelling of potentially avoidable hospitalisation for five diseases accounting for spatiotemporal effects: A case study in New South Wales, Australia. <i>PLoS ONE</i> , 2017, 12, e0183653.	1.1	9

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91	Identifying maternity services in public hospitals in rural and remote Australia. <i>Australian Health Review</i> , 2014, 38, 337.	0.5	8
92	Does Walkability Contribute to Geographic Variation in Psychosocial Distress? A Spatial Analysis of 91,142 Members of the 45 and Up Study in Sydney, Australia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 275.	1.2	8
93	Neighbourhood greenspace and physical activity and sedentary behaviour among older adults with a recent diagnosis of type 2 diabetes: a prospective analysis. <i>BMJ Open</i> , 2019, 9, e028947.	0.8	8
94	Spatio-temporal Analysis of Acute Admissions for Ischemic Heart Disease in NSW, Australia. <i>Environmental and Ecological Statistics</i> , 2005, 12, 427-448.	1.9	7
95	Blending Multiple Nitrogen Dioxide Data Sources for Neighborhood Estimates of Long-Term Exposure for Health Research. <i>Environmental Science &amp; Technology</i> , 2017, 51, 12473-12480.	4.6	7
96	Area-Level Walkability and the Geographic Distribution of High Body Mass in Sydney, Australia: A Spatial Analysis Using the 45 and Up Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 664.	1.2	7
97	What does climate change have to do with bushfires?. <i>Australian Health Review</i> , 2021, 45, 4.	0.5	7
98	Which Green Space Metric Best Predicts a Lowered Odds of Type 2 Diabetes?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4088.	1.2	7
99	Risk factors for sporadic Salmonella Birkenhead infection in Queensland and northern New South Wales: A case control study. <i>NSW Public Health Bulletin</i> , 2004, 15, 172.	0.3	7
100	A statistical downscaling approach for generating high spatial resolution health risk maps: a case study of road noise and ischemic heart disease mortality in Melbourne, Australia. <i>International Journal of Health Geographics</i> , 2019, 18, 20.	1.2	6
101	Relationship between life-time exposure to ambient fine particulate matter and carotid artery intima-media thickness in Australian children aged 11-12 years. <i>Environmental Pollution</i> , 2021, 291, 118072.	3.7	6
102	Automated geocoding of routinely collected health data in New South Wales. <i>NSW Public Health Bulletin</i> , 2006, 17, 33.	0.3	6
103	Mortality Burden due to Exposure to Outdoor Fine Particulate Matter in Hanoi, Vietnam: Health Impact Assessment. <i>International Journal of Public Health</i> , 2022, 67, 1604331.	1.0	6
104	The Importance of Place of Residence on Hospitalized Outcomes for Severely Injured Trauma Patients: A Trauma Registry Analysis. <i>Journal of Rural Health</i> , 2020, 36, 381-393.	1.6	5
105	The effects on mortality and the associated financial costs of wood heater pollution in a regional Australian city. <i>Medical Journal of Australia</i> , 2021, 215, 269-272.	0.8	5
106	Ambient Air Pollution and Stillbirths Risk in Sydney, Australia. <i>Toxics</i> , 2021, 9, 209.	1.6	5
107	Impact of Air Pollution and Trans-Boundary Haze on Nation-Wide Emergency Department Visits and Hospital Admissions in Singapore. <i>Annals of the Academy of Medicine, Singapore</i> , 2020, 49, 78-87.	0.2	5
108	A field study of household attack rates and the effectiveness of macrolide antibiotics in reducing household transmission of pertussis. <i>Communicable Diseases Intelligence</i> , 2015, 39, E27-33.	0.5	5

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109	Associations Between Ambient Particulate Air Pollution and Cognitive Function in Indonesian Children Living in Forest Fire-Prone Provinces. <i>Asia-Pacific Journal of Public Health</i> , 2022, 34, 96-105.	0.4	4
110	A statewide 'outbreak' of asthma in NSW, February 1999. <i>NSW Public Health Bulletin</i> , 2000, 11, 187.	0.3	4
111	Associations between temperature and Ross river virus infection: A systematic review and meta-analysis of epidemiological evidence. <i>Acta Tropica</i> , 2022, 231, 106454.	0.9	4
112	Serial correlation and confounders in time-series air pollution studies. <i>Medical Journal of Australia</i> , 2002, 177, 397-397.	0.8	3
113	Extensible Database of Validated Biomass Smoke Events for Health Research. <i>Fire</i> , 2018, 1, 50.	1.2	3
114	Insurance Issues as Secondary Stressors Following Flooding in Rural Australia—A Mixed Methods Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6383.	1.2	3
115	ASSOCIATIONS BETWEEN AIR POLLUTION AND HOSPITAL VISITS FOR CARDIOVASCULAR DISEASES IN THE ELDERLY IN SYDNEY USING BAYESIAN STATISTICAL METHODS. <i>Australian and New Zealand Journal of Statistics</i> , 2009, 51, 289-303.	0.4	2
116	Comparing Air Pollution Modelling and Monitoring for Bushfire Smoke Health Impact Assessment in Australia. <i>ISEE Conference Abstracts</i> , 2018, 2018, .	0.0	1
117	Reply to comment on "Associations between air pollution and hospital visits for cardiovascular diseases in the elderly in Sydney using Bayesian statistical methods". <i>Australian and New Zealand Journal of Statistics</i> , 2011, 53, 259-261.	0.4	0
118	Mortality burden due to long-term exposure to PM2.5 in Hanoi, Vietnam. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
119	Monetising Air Pollution Benefits of Clean Energy Requires Locally Specific Information. <i>Energies</i> , 2021, 14, 7622.	1.6	0