

Paul J Beggs

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,801
citations

201674

27
h-index

182427

51
g-index

81
all docs

81
docs citations

81
times ranked

3054
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of climate change on aeroallergens: past and future. <i>Clinical and Experimental Allergy</i> , 2004, 34, 1507-1513.	2.9	348
2	Temperature-related changes in airborne allergenic pollen abundance and seasonality across the northern hemisphere: a retrospective data analysis. <i>Lancet Planetary Health</i> , The, 2019, 3, e124-e131.	11.4	204
3	Is the Global Rise of Asthma an Early Impact of Anthropogenic Climate Change?. <i>Environmental Health Perspectives</i> , 2005, 113, 915-919.	6.0	171
4	The Melbourne epidemic thunderstorm asthma event 2016: an investigation of environmental triggers, effect on health services, and patient risk factors. <i>Lancet Planetary Health</i> , The, 2018, 2, e255-e263.	11.4	169
5	Anthropogenic climate change and allergen exposure: The Role of plant biology. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 27-32.	2.9	116
6	Higher airborne pollen concentrations correlated with increased SARS-CoV-2 infection rates, as evidenced from 31 countries across the globe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	92
7	Adaptation to Impacts of Climate Change on Aeroallergens and Allergic Respiratory Diseases. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 3006-3021.	2.6	88
8	Molecular Epidemiology, Spatiotemporal Analysis, and Ecology of Sporadic Human Cryptosporidiosis in Australia. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7757-7765.	3.1	87
9	Effect of temperature on mortality during the six warmer months in Sydney, Australia, between 1993 and 2004. <i>Environmental Research</i> , 2008, 108, 361-369.	7.5	82
10	Alternaria spores in the atmosphere of Sydney, Australia, and relationships with meteorological factors. <i>International Journal of Biometeorology</i> , 2004, 49, 98-105.	3.0	74
11	Spatial analysis of heat-related mortality among the elderly between 1993 and 2004 in Sydney, Australia. <i>Social Science and Medicine</i> , 2010, 70, 293-304.	3.8	72
12	Climate change: allergens and allergic diseases. <i>Internal Medicine Journal</i> , 2018, 48, 129-134.	0.8	71
13	Molecular Epidemiology and Spatial Distribution of a Waterborne Cryptosporidiosis Outbreak in Australia. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7766-7771.	3.1	62
14	The 2020 special report of the <i>MJA“Lancet</i> Countdown on health and climate change: lessons learnt from Australia“s „Black Summer“. <i>Medical Journal of Australia</i> , 2020, 213, 490.	1.7	59
15	The Macroecology of Airborne Pollen in Australian and New Zealand Urban Areas. <i>PLoS ONE</i> , 2014, 9, e97925.	2.5	58
16	The 2019 report of the <i>MJA</i> “Lancet</i> Countdown on health and climate change: a turbulent year with mixed progress. <i>Medical Journal of Australia</i> , 2019, 211, 490.	1.7	53
17	Synoptic analysis of heat-related mortality in Sydney, Australia, 1993“2001. <i>International Journal of Biometeorology</i> , 2008, 52, 439-451.	3.0	52
18	The <i>MJA“Lancet</i> Countdown on health and climate change: Australian policy inaction threatens lives. <i>Medical Journal of Australia</i> , 2018, 209, 474-474.	1.7	49

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19	Current and future threats to human health in the Anthropocene. <i>Environment International</i> , 2022, 158, 106892.	10.0	45
20	Differences in grass pollen allergen exposure across Australia. <i>Australian and New Zealand Journal of Public Health</i> , 2015, 39, 51-55.	1.8	42
21	Transdisciplinary synthesis for ecosystem science, policy and management: The Australian experience. <i>Science of the Total Environment</i> , 2015, 534, 173-184.	8.0	39
22	Trans-disciplinary research in synthesis of grass pollen aerobiology and its importance for respiratory health in Australasia. <i>Science of the Total Environment</i> , 2015, 534, 85-96.	8.0	38
23	Pollen in the atmosphere of Sydney, Australia, and relationships with meteorological parameters. <i>Grana</i> , 2004, 43, 209-216.	0.8	37
24	Dynamic ecological observations from satellites inform aerobiology of allergenic grass pollen. <i>Science of the Total Environment</i> , 2018, 633, 441-451.	8.0	37
25	Hot and bothered? Associations between temperature and crime in Australia. <i>International Journal of Biometeorology</i> , 2019, 63, 747-762.	3.0	35
26	Regional and seasonal variation in airborne grass pollen levels between cities of Australia and New Zealand. <i>Aerobiologia</i> , 2016, 32, 289-302.	1.7	34
27	Environmental impacts of tobacco product waste: International and Australian policy responses. <i>Ambio</i> , 2017, 46, 361-370.	5.5	31
28	Visualising the relationships between synoptic circulation type and air quality in Sydney, a subtropical coastal basin environment. <i>International Journal of Climatology</i> , 2017, 37, 1211-1228.	3.5	29
29	The 2021 report of the <i>MJA</i> – <i>Lancet</i> Countdown on health and climate change: Australia increasingly out on a limb. <i>Medical Journal of Australia</i> , 2021, 215, 390.	1.7	29
30	Impacts of climate change on plant food allergens: a previously unrecognized threat to human health. <i>Air Quality, Atmosphere and Health</i> , 2008, 1, 119-123.	3.3	28
31	Global Climate Change and Pollen Aeroallergens. <i>Immunology and Allergy Clinics of North America</i> , 2021, 41, 1-16.	1.9	28
32	On two different objective procedures for classifying synoptic weather types over east Australia. <i>International Journal of Climatology</i> , 2012, 32, 1475-1494.	3.5	27
33	Insights into the implementation of synoptic weather-type classification using self-organizing maps: an Australian case study. <i>International Journal of Climatology</i> , 2015, 35, 3471-3485.	3.5	24
34	The Quasi-Biennial Oscillation and Ross River virus incidence in Queensland, Australia. <i>International Journal of Biometeorology</i> , 2002, 46, 202-207.	3.0	23
35	Climate change, aeroallergens, and the aeroexposome. <i>Environmental Research Letters</i> , 2021, 16, 035006.	5.2	22
36	Aerobiology in the <i>International Journal of Biometeorology</i> , 1957–2017. <i>International Journal of Biometeorology</i> , 2017, 61, 51-58.	3.0	21

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37	A Pilot Forecasting System for Epidemic Thunderstorm Asthma in Southeastern Australia. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E399-E420.	3.3	20
38	A synoptic climatology of pollen concentrations during the six warmest months in Sydney, Australia. <i>International Journal of Biometeorology</i> , 2007, 51, 209-220.	3.0	19
39	Environmental Allergens: from Asthma to Hay Fever and Beyond. <i>Current Climate Change Reports</i> , 2015, 1, 176-184.	8.6	19
40	An Integrated Environmental Asthma Model. <i>Archives of Environmental Health</i> , 1995, 50, 87-94.	0.4	18
41	Impacts of climate and climate change on medications and human health. <i>Australian and New Zealand Journal of Public Health</i> , 2000, 24, 630-632.	1.8	17
42	Climate change and biometeorology, the International Society of Biometeorology and its journal: a perspective on the past and a framework for the future. <i>International Journal of Biometeorology</i> , 2014, 58, 1-6.	3.0	15
43	Satellite-observed shifts in C3/C4 abundance in Australian grasslands are associated with rainfall patterns. <i>Remote Sensing of Environment</i> , 2022, 273, 112983.	11.0	15
44	Pollen and pollen antigen as triggers of asthma—what to measure?. <i>Atmospheric Environment</i> , 1998, 32, 1777-1783.	4.1	14
45	Allergen aerosol from pollen-nucleated precipitation: A novel thunderstorm asthma trigger. <i>Atmospheric Environment</i> , 2017, 152, 455-457.	4.1	14
46	Enabling self-management of pollen allergies: a pre-season questionnaire evaluating the perceived benefit of providing local pollen information. <i>Aerobiologia</i> , 2019, 35, 777-782.	1.7	13
47	Is the global rise of asthma an early impact of anthropogenic climate change?. <i>Ciencia E Saude Coletiva</i> , 2006, 11, 745-752.	0.5	12
48	Climate Change, Aeroallergens, Natural Particulates, and Human Health in Australia: State of the Science and Policy. <i>Asia-Pacific Journal of Public Health</i> , 2011, 23, 46S-53S.	1.0	12
49	Climate change and allergy in Australia: an innovative, high-income country, at potential risk. <i>Public Health Research and Practice</i> , 2018, 28, .	1.5	12
50	Climate change and plant food allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 271-272.	2.9	11
51	Quality control of pollen identification and quantification exercise for the AusPollen Aerobiology Collaboration Network: a pilot study. <i>Aerobiologia</i> , 2020, 36, 83-87.	1.7	11
52	The <i>MJA</i>—“Lancet” Countdown on health and climate change: Australian policy inaction threatens lives(Summary). <i>Medical Journal of Australia</i> , 2018, 209, 474-475.	1.7	10
53	Salmonellosis in Australia in 2020: possible impacts of COVID-19 related public health measures. <i>Communicable Diseases Intelligence (2018)</i> , 2022, 46, .	0.7	10
54	Cultivar—Specific Changes in Peanut Yield, Biomass, and Allergenicity in Response to Elevated Atmospheric Carbon Dioxide Concentration. <i>Crop Science</i> , 2016, 56, 2766-2774.	1.8	9

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55	The AusPollen partnership project: Allergenic airborne grass pollen seasonality and magnitude across temperate and subtropical eastern Australia, 2016â€“2020. Environmental Research, 2022, 214, 113762.	7.5	8
56	New Directions: Climatediversity: A new paradigm for climate science. Atmospheric Environment, 2013, 68, 112-113.	4.1	7
57	In Cold Weather We Bark, But in Hot Weather We Bite: Patterns in Social Media Anger, Aggressive Behavior, and Temperature. Environment and Behavior, 2021, 53, 787-805.	4.7	7
58	Spatial Relationship between Dwelling Crowding and Selected Causes of Morbidity in Sydney, Australia, 1994â€“97. Australian Geographer, 2001, 32, 377-401.	1.7	6
59	Identification of Von Karman Vortices in the Surface Winds of Heard Island. Boundary-Layer Meteorology, 2004, 113, 287-297.	2.3	6
60	Climate, urbanisation and vulnerability to vector-borne disease in subtropical coastal Australia: Sustainable policy for a changing environment. Environmental Hazards, 2005, 6, 189-200.	2.5	6
61	Horizontal cliffs: mountaintop mining and climate change. Biodiversity and Conservation, 2012, 21, 3731-3734.	2.6	6
62	Admission to hospital for effects of heat and light: NSW, 1993-94 to 2003-04. NSW Public Health Bulletin, 2008, 19, 132.	0.3	6
63	Impacts of Climate Change on Aeroallergen Production and Atmospheric Concentration. , 2016, , 10-28.		5
64	The <i>Lancet</i> Countdown down under: tracking progress on health and climate change in Australia. Medical Journal of Australia, 2018, 208, 285-286.	1.7	5
65	Plant Food Allergens: Another Climate Changeâ€“Public Health Link. Environmental Health Perspectives, 2009, 117, A191.	6.0	3
66	A Comparison of Heat Wave Response Plans From an Aged Care Facility Perspective. Journal of Environmental Health, 2017, 79, 28-37.	0.5	3
67	Impacts of Climate Change on Allergenicity. , 2016, , 74-91.		2
68	Climate and chronic respiratory disease. , 1997, , 329-354.		1
69	ISB News July 2009. International Journal of Biometeorology, 2009, 53, 377-377.	3.0	1
70	Impacts of Climate Change on Allergic Diseases. , 2016, , 157-178.		1
71	Admission to hospital for sunburn and drug phototoxic and photoallergic responses, New South Wales, 1993-94 to 2000-01. NSW Public Health Bulletin, 2005, 16, 147-50.	0.3	1
72	ISB News March 2009. International Journal of Biometeorology, 2009, 53, 209-209.	3.0	0

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73	ISB News November 2010: From the President. International Journal of Biometeorology, 2010, 54, 663-663.	3.0	0
74	ISB News January 2011: From the President. International Journal of Biometeorology, 2011, 55, 103-103.	3.0	0
75	ISB News March 2011: from the President. International Journal of Biometeorology, 2011, 55, 273-273.	3.0	0
76	ISB News May 2011: From the President. International Journal of Biometeorology, 2011, 55, 461-461.	3.0	0
77	ISB News July 2011: From the President. International Journal of Biometeorology, 2011, 55, 655-656.	3.0	0
78	ISB News September 2011: from the President and Secretary. International Journal of Biometeorology, 2011, 55, 749-749.	3.0	0
79	ISB News November 2011: from the President. International Journal of Biometeorology, 2011, 55, 933-933.	3.0	0
80	Synthesis and Conclusion. , 0, , 179-188.		0