

# 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  | Current and future threats to human health in the Anthropocene. <i>Environment International</i> , 2022, 158, 106892.  | 10.0 | 45        |
| 2  | Salmonellosis in Australia in 2020: possible impacts of COVID-19 related public health measures. <i>Communicable Diseases Intelligence</i> (2018), 2022, 46, .   | 0.7  | 10        |
| 3  | 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        |
| 4  | The AusPollen partnership project: Allergenic airborne grass pollen seasonality and magnitude across temperate and subtropical eastern Australia, 2016â€“2020. <i>Environmental Research</i> , 2022, 214, 113762.                                  | 7.5  | 8         |
| 5  | In Cold Weather We Bark, But in Hot Weather We Bite: Patterns in Social Media Anger, Aggressive Behavior, and Temperature. <i>Environment and Behavior</i> , 2021, 53, 787-805.  | 4.7  | 7         |
| 6  | Global Climate Change and Pollen Aeroallergens. <i>Immunology and Allergy Clinics of North America</i> , 2021, 41, 1-16.   | 1.9  | 28        |
| 7  | Climate change, aeroallergens, and the aeroexposome. <i>Environmental Research Letters</i> , 2021, 16, 035006.   | 5.2  | 22        |
| 8  | 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        |
| 9  | 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        |
| 10 | The 2021 report of the <i>MJA</i> â€“ <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        |
| 11 | 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        |
| 12 | The 2020 special report of the <i>MJAâ€“Lancet</i> Countdown on health and climate change: lessons learnt from Australiaâ€™s â€œBlack Summerâ€œ. <i>Medical Journal of Australia</i> , 2020, 213, 490.   | 1.7  | 59        |
| 13 | 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        |
| 14 | The 2019 report of the <sc>MJA</sc> â€“ <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        |
| 15 | 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       |
| 16 | Hot and bothered? Associations between temperature and crime in Australia. <i>International Journal of Biometeorology</i> , 2019, 63, 747-762.   | 3.0  | 35        |
| 17 | Climate change: allergens and allergic diseases. <i>Internal Medicine Journal</i> , 2018, 48, 129-134.   | 0.8  | 71        |
| 18 | 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        |

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|----|---|------|-----------|
| 19 | The <i>MJA&#x201c;Lancet</i> Countdown on health and climate change: Australian policy inaction threatens lives. Medical Journal of Australia, 2018, 209, 474-474.  | 1.7  | 49        |
| 20 | The <i>MJA&#x201c;Lancet</i> Countdown on health and climate change: Australian policy inaction threatens lives(Summary). Medical Journal of Australia, 2018, 209, 474-475.                               | 1.7  | 10        |
| 21 | 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         |
| 22 | The Melbourne epidemic thunderstorm asthma event 2016: an investigation of environmental triggers, effect on health services, and patient risk factors. Lancet Planetary Health, The, 2018, 2, e255-e263. | 11.4 | 169       |
| 23 | Climate change and allergy in Australia: an innovative, high-income country, at potential risk. Public Health Research and Practice, 2018, 28, .  | 1.5  | 12        |
| 24 | Visualising the relationships between synoptic circulation type and air quality in Sydney, a subtropical coastal&#x201c;basin environment. International Journal of Climatology, 2017, 37, 1211-1228.     | 3.5  | 29        |
| 25 | Allergen aerosol from pollen-nucleated precipitation: A novel thunderstorm asthma trigger. Atmospheric Environment, 2017, 152, 455-457.   | 4.1  | 14        |
| 26 | Aerobiology in the International Journal of Biometeorology, 1957&#x201c;2017. International Journal of Biometeorology, 2017, 61, 51-58.   | 3.0  | 21        |
| 27 | Environmental impacts of tobacco product waste: International and Australian policy responses. Ambio, 2017, 46, 361-370.  | 5.5  | 31        |
| 28 | A Comparison of Heat Wave Response Plans From an Aged Care Facility Perspective. Journal of Environmental Health, 2017, 79, 28-37.  | 0.5  | 3         |
| 29 | Cultivar&#x201c;specific Changes in Peanut Yield, Biomass, and Allergenicity in Response to Elevated Atmospheric Carbon Dioxide Concentration. Crop Science, 2016, 56, 2766-2774.                         | 1.8  | 9         |
| 30 | Impacts of Climate Change on Allergenicity. , 2016, , 74-91.  |      | 2         |
| 31 | Impacts of Climate Change on Allergic Diseases. , 2016, , 157-178.  |      | 1         |
| 32 | Regional and seasonal variation in airborne grass pollen levels between cities of Australia and New Zealand. Aerobiologia, 2016, 32, 289-302.   | 1.7  | 34        |
| 33 | Impacts of Climate Change on Aeroallergen Production and Atmospheric Concentration. , 2016, , 10-28.  |      | 5         |
| 34 | Differences in grass pollen allergen exposure across Australia. Australian and New Zealand Journal of Public Health, 2015, 39, 51-55.   | 1.8  | 42        |
| 35 | Environmental Allergens: from Asthma to Hay Fever and Beyond. Current Climate Change Reports, 2015, 1, 176-184.   | 8.6  | 19        |
| 36 | Insights into the implementation of synoptic weather-type classification using self-organizing maps: an Australian case study. International Journal of Climatology, 2015, 35, 3471-3485.                 | 3.5  | 24        |

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|----|---|-----|-----------|
| 37 | 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        |
| 38 | 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        |
| 39 | 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        |
| 40 | The Macroecology of Airborne Pollen in Australian and New Zealand Urban Areas. <i>PLoS ONE</i> , 2014, 9, e97925.   | 2.5 | 58        |
| 41 | New Directions: Climatediversity: A new paradigm for climate science. <i>Atmospheric Environment</i> , 2013, 68, 112-113.   | 4.1 | 7         |
| 42 | Horizontal cliffs: mountaintop mining and climate change. <i>Biodiversity and Conservation</i> , 2012, 21, 3731-3734.   | 2.6 | 6         |
| 43 | 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       |
| 44 | 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        |
| 45 | ISB News January 2011: From the President. <i>International Journal of Biometeorology</i> , 2011, 55, 103-103.  | 3.0 | 0         |
| 46 | ISB News March 2011: from the President. <i>International Journal of Biometeorology</i> , 2011, 55, 273-273.  | 3.0 | 0         |
| 47 | ISB News May 2011: From the President. <i>International Journal of Biometeorology</i> , 2011, 55, 461-461.  | 3.0 | 0         |
| 48 | ISB News July 2011: From the President. <i>International Journal of Biometeorology</i> , 2011, 55, 655-656.   | 3.0 | 0         |
| 49 | ISB News September 2011: from the President and Secretary. <i>International Journal of Biometeorology</i> , 2011, 55, 749-749.  | 3.0 | 0         |
| 50 | ISB News November 2011: from the President. <i>International Journal of Biometeorology</i> , 2011, 55, 933-933.   | 3.0 | 0         |
| 51 | 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        |
| 52 | 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        |
| 53 | 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        |
| 54 | ISB News November 2010: From the President. <i>International Journal of Biometeorology</i> , 2010, 54, 663-663.   | 3.0 | 0         |

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|----|---|-----|-----------|
| 55 | 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        |
| 56 | 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        |
| 57 | Plant Food Allergens: Another Climate Changeâ€“Public Health Link. <i>Environmental Health Perspectives</i> , 2009, 117, A191.  | 6.0 | 3         |
| 58 | ISB News March 2009. <i>International Journal of Biometeorology</i> , 2009, 53, 209-209.  | 3.0 | 0         |
| 59 | ISB News July 2009. <i>International Journal of Biometeorology</i> , 2009, 53, 377-377.   | 3.0 | 1         |
| 60 | Climate change and plant food allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 271-272.  | 2.9 | 11        |
| 61 | 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        |
| 62 | Synoptic analysis of heat-related mortality in Sydney, Australia, 1993â€“2001. <i>International Journal of Biometeorology</i> , 2008, 52, 439-451.  | 3.0 | 52        |
| 63 | 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        |
| 64 | Admission to hospital for effects of heat and light: NSW, 1993-94 to 2003-04. <i>NSW Public Health Bulletin</i> , 2008, 19, 132.  | 0.3 | 6         |
| 65 | 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        |
| 66 | 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        |
| 67 | 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       |
| 68 | Climate, urbanisation and vulnerability to vector-borne disease in subtropical coastal Australia: Sustainable policy for a changing environment. <i>Environmental Hazards</i> , 2005, 6, 189-200. | 2.5 | 6         |
| 69 | Admission to hospital for sunburn and drug phototoxic and photoallergic responses, New South Wales, 1993-94 to 2000-01. <i>NSW Public Health Bulletin</i> , 2005, 16, 147-50.                     | 0.3 | 1         |
| 70 | Impacts of climate change on aeroallergens: past and future. <i>Clinical and Experimental Allergy</i> , 2004, 34, 1507-1513.  | 2.9 | 348       |
| 71 | Identification of Von Karman Vortices in the Surface Winds of Heard Island. <i>Boundary-Layer Meteorology</i> , 2004, 113, 287-297.   | 2.3 | 6         |
| 72 | 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        |

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|----|--|-----|-----------|
| 73 | Pollen in the atmosphere of Sydney, Australia, and relationships with meteorological parameters. Grana, 2004, 43, 209-216.                                 | 0.8 | 37        |
| 74 | The Quasi-Biennial Oscillation and Ross River virus incidence in Queensland, Australia. International Journal of Biometeorology, 2002, 46, 202-207.        | 3.0 | 23        |
| 75 | Spatial Relationship between Dwelling Crowding and Selected Causes of Morbidity in Sydney, Australia, 1994-1997. Australian Geographer, 2001, 32, 377-401. | 1.7 | 6         |
| 76 | Impacts of climate and climate change on medications and human health. Australian and New Zealand Journal of Public Health, 2000, 24, 630-632.             | 1.8 | 17        |
| 77 | Pollen and pollen antigen as triggers of asthma-what to measure?. Atmospheric Environment, 1998, 32, 1777-1783.  | 4.1 | 14        |
| 78 | Climate and chronic respiratory disease. , 1997, , 329-354.  |     | 1         |
| 79 | An Integrated Environmental Asthma Model. Archives of Environmental Health, 1995, 50, 87-94.   | 0.4 | 18        |
| 80 | Synthesis and Conclusion. , 0, , 179-188.  |     | 0         |