

Mathew P White

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

12,958
citations

47006

47
h-index

27406

106
g-index

106
all docs

106
docs citations

106
times ranked

9694
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Do we really know what makes us happy? A review of the economic literature on the factors associated with subjective well-being. <i>Journal of Economic Psychology</i> , 2008, 29, 94-122. | 2.2 | 2,126 |
| 2 | Nature and mental health: An ecosystem service perspective. <i>Science Advances</i> , 2019, 5, eaax0903. | 10.3 | 899 |
| 3 | Would You Be Happier Living in a Greener Urban Area? A Fixed-Effects Analysis of Panel Data. <i>Psychological Science</i> , 2013, 24, 920-928. | 3.3 | 591 |
| 4 | Blue space: The importance of water for preference, affect, and restorativeness ratings of natural and built scenes. <i>Journal of Environmental Psychology</i> , 2010, 30, 482-493. | 5.1 | 570 |
| 5 | Spending at least 120 minutes a week in nature is associated with good health and wellbeing. <i>Scientific Reports</i> , 2019, 9, 7730. | 3.3 | 523 |
| 6 | Longitudinal Effects on Mental Health of Moving to Greener and Less Green Urban Areas. <i>Environmental Science & Technology</i> , 2014, 48, 1247-1255. | 10.0 | 471 |
| 7 | Attention Restoration Theory: A systematic review of the attention restoration potential of exposure to natural environments. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2016, 19, 305-343. | 6.5 | 430 |
| 8 | Outdoor blue spaces, human health and well-being: A systematic review of quantitative studies. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 1207-1221. | 4.3 | 412 |
| 9 | Nature contact, nature connectedness and associations with health, wellbeing and pro-environmental behaviours. <i>Journal of Environmental Psychology</i> , 2020, 68, 101389. | 5.1 | 383 |
| 10 | Contact with blue-green spaces during the COVID-19 pandemic lockdown beneficial for mental health. <i>Science of the Total Environment</i> , 2021, 756, 143984. | 8.0 | 319 |
| 11 | Feelings of restoration from recent nature visits. <i>Journal of Environmental Psychology</i> , 2013, 35, 40-51. | 5.1 | 303 |
| 12 | How Can Measures of Subjective Well-Being Be Used to Inform Public Policy?. <i>Perspectives on Psychological Science</i> , 2007, 2, 71-85. | 9.0 | 293 |
| 13 | Does living by the coast improve health and wellbeing?. <i>Health and Place</i> , 2012, 18, 1198-1201. | 3.3 | 290 |
| 14 | Beyond greenspace: an ecological study of population general health and indicators of natural environment type and quality. <i>International Journal of Health Geographics</i> , 2015, 14, 17. | 2.5 | 252 |
| 15 | Coastal proximity, health and well-being: Results from a longitudinal panel survey. <i>Health and Place</i> , 2013, 23, 97-103. | 3.3 | 231 |
| 16 | Accounting for the Richness of Daily Activities. <i>Psychological Science</i> , 2009, 20, 1000-1008. | 3.3 | 209 |
| 17 | Blue space, health and well-being: A narrative overview and synthesis of potential benefits. <i>Environmental Research</i> , 2020, 191, 110169. | 7.5 | 205 |
| 18 | Are Some Natural Environments More Psychologically Beneficial Than Others? The Importance of Type and Quality on Connectedness to Nature and Psychological Restoration. <i>Environment and Behavior</i> , 2019, 51, 111-143. | 4.7 | 180 |

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|----|---|------|-----------|
| 19 | Natural environments and subjective wellbeing: Different types of exposure are associated with different aspects of wellbeing. <i>Health and Place</i> , 2017, 45, 77-84. | 3.3 | 169 |
| 20 | Associations between green/blue spaces and mental health across 18 countries. <i>Scientific Reports</i> , 2021, 11, 8903. | 3.3 | 166 |
| 21 | BlueHealth: a study programme protocol for mapping and quantifying the potential benefits to public health and well-being from Europe's blue spaces. <i>BMJ Open</i> , 2017, 7, e016188. | 1.9 | 163 |
| 22 | Research note: Urban street tree density and antidepressant prescription rates – A cross-sectional study in London, UK. <i>Landscape and Urban Planning</i> , 2015, 136, 174-179. | 7.5 | 154 |
| 23 | Risk Perceptions of Mobile Phone Use While Driving. <i>Risk Analysis</i> , 2004, 24, 323-334. | 2.7 | 146 |
| 24 | Urban blue space and health and wellbeing in Hong Kong: Results from a survey of older adults. <i>Health and Place</i> , 2019, 55, 100-110. | 3.3 | 135 |
| 25 | The beach as a setting for families' health promotion: A qualitative study with parents and children living in coastal regions in Southwest England. <i>Health and Place</i> , 2013, 23, 138-147. | 3.3 | 126 |
| 26 | Neighbourhood blue space, health and wellbeing: The mediating role of different types of physical activity. <i>Environment International</i> , 2019, 131, 105016. | 10.0 | 119 |
| 27 | Who doesn't visit natural environments for recreation and why: A population representative analysis of spatial, individual and temporal factors among adults in England. <i>Landscape and Urban Planning</i> , 2018, 175, 102-113. | 7.5 | 113 |
| 28 | 'Green' on the ground but not in the air: Pro-environmental attitudes are related to household behaviours but not discretionary air travel. <i>Global Environmental Change</i> , 2017, 42, 136-147. | 7.8 | 111 |
| 29 | Recreational physical activity in natural environments and implications for health: A population based cross-sectional study in England. <i>Preventive Medicine</i> , 2016, 91, 383-388. | 3.4 | 107 |
| 30 | Coastal proximity and physical activity: Is the coast an under-appreciated public health resource?. <i>Preventive Medicine</i> , 2014, 69, 135-140. | 3.4 | 103 |
| 31 | Associations between pro-environmental behaviour and neighbourhood nature, nature visit frequency and nature appreciation: Evidence from a nationally representative survey in England. <i>Environment International</i> , 2020, 136, 105441. | 10.0 | 101 |
| 32 | Spending time in the garden is positively associated with health and wellbeing: Results from a national survey in England. <i>Landscape and Urban Planning</i> , 2020, 200, 103836. | 7.5 | 98 |
| 33 | Trust in Risky Messages: The Role of Prior Attitudes. <i>Risk Analysis</i> , 2003, 23, 717-726. | 2.7 | 95 |
| 34 | Pollen exposure and hospitalization due to asthma exacerbations: daily time series in a European city. <i>International Journal of Biometeorology</i> , 2017, 61, 1837-1848. | 3.0 | 85 |
| 35 | What cognitive mechanisms predict travel mode choice? A systematic review with meta-analysis. <i>Transport Reviews</i> , 2017, 37, 631-652. | 8.8 | 82 |
| 36 | Land cover and air pollution are associated with asthma hospitalisations: A cross-sectional study. <i>Environment International</i> , 2017, 109, 29-41. | 10.0 | 81 |

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|----|---|-----|-----------|
| 37 | Bringing appraisal theory to environmental risk perception: a review of conceptual approaches of the past 40 years and suggestions for future research. <i>Journal of Risk Research</i> , 2012, 15, 237-256. | 2.6 | 73 |
| 38 | Coastal proximity and mental health among urban adults in England: The moderating effect of household income. <i>Health and Place</i> , 2019, 59, 102200. | 3.3 | 73 |
| 39 | Fostering human health through ocean sustainability in the 21st century. <i>People and Nature</i> , 2019, 1, 276-283. | 3.7 | 72 |
| 40 | Marginal Trust in Risk Managers: Building and Losing Trust Following Decisions Under Uncertainty. <i>Risk Analysis</i> , 2006, 26, 1187-1203. | 2.7 | 71 |
| 41 | Marine Biota and Psychological Well-Being. <i>Environment and Behavior</i> , 2016, 48, 1242-1269. | 4.7 | 71 |
| 42 | Commuting and wellbeing in London: The roles of commute mode and local public transport connectivity. <i>Preventive Medicine</i> , 2016, 88, 182-188. | 3.4 | 68 |
| 43 | Moving Toward an Agenda on Ocean Health and Human Health in Europe. <i>Frontiers in Marine Science</i> , 2020, 7, . | 2.5 | 68 |
| 44 | Recreational visits to marine and coastal environments in England: Where, what, who, why, and when?. <i>Marine Policy</i> , 2018, 97, 305-314. | 3.2 | 65 |
| 45 | The Soothing Sea: A Virtual Coastal Walk Can Reduce Experienced and Recollected Pain. <i>Environment and Behavior</i> , 2018, 50, 599-625. | 4.7 | 59 |
| 46 | Measuring Nature Contact: A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4092. | 2.6 | 54 |
| 47 | Is Variety the Spice of Life? An Experimental Investigation into the Effects of Species Richness on Self-Reported Mental Well-Being. <i>PLoS ONE</i> , 2017, 12, e0170225. | 2.5 | 54 |
| 48 | Energy expenditure on recreational visits to different natural environments. <i>Social Science and Medicine</i> , 2015, 139, 53-60. | 3.8 | 50 |
| 49 | Results from an 18 country cross-sectional study examining experiences of nature for people with common mental health disorders. <i>Scientific Reports</i> , 2020, 10, 19408. | 3.3 | 50 |
| 50 | Marine wildlife as an important component of coastal visits: The role of perceived biodiversity and species behaviour. <i>Marine Policy</i> , 2017, 78, 80-89. | 3.2 | 48 |
| 51 | Nearby Nature "Buffers" the Effect of Low Social Connectedness on Adult Subjective Wellbeing over the Last 7 Days. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1238. | 2.6 | 48 |
| 52 | Evaluation of a surfing programme designed to increase personal well-being and connectedness to the natural environment among "at risk" young people. <i>Journal of Adventure Education and Outdoor Learning</i> , 2018, 18, 53-69. | 1.6 | 46 |
| 53 | Improving Dental Experiences by Using Virtual Reality Distraction: A Simulation Study. <i>PLoS ONE</i> , 2014, 9, e91276. | 2.5 | 44 |
| 54 | Research Note: Residential distance and recreational visits to coastal and inland blue spaces in eighteen countries. <i>Landscape and Urban Planning</i> , 2020, 198, 103800. | 7.5 | 44 |

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|----|--|-----|-----------|
| 55 | Public concern about, and desire for research into, the human health effects of marine plastic pollution: Results from a 15-country survey across Europe and Australia. <i>Global Environmental Change</i> , 2021, 69, 102309. | 7.8 | 43 |
| 56 | Towards a Marine Mindset: Visiting an Aquarium Can Improve Attitudes and Intentions Regarding Marine Sustainability. <i>Visitor Studies</i> , 2013, 16, 95-110. | 0.9 | 41 |
| 57 | General health and residential proximity to the coast in Belgium: Results from a cross-sectional health survey. <i>Environmental Research</i> , 2020, 184, 109225. | 7.5 | 41 |
| 58 | Dynamic Well-Being: Connecting Indicators of what People Anticipate with Indicators of what they Experience. <i>Social Indicators Research</i> , 2006, 75, 303-333. | 2.7 | 40 |
| 59 | Psychological theories of car use: An integrative review and conceptual framework. <i>Journal of Environmental Psychology</i> , 2018, 55, 23-33. | 5.1 | 37 |
| 60 | Who Reaps the Benefits, Who Bears the Risks? Comparative Optimism, Comparative Utility, and Regulatory Preferences for Mobile Phone Technology. <i>Risk Analysis</i> , 2007, 27, 741-753. | 2.7 | 36 |
| 61 | Neighbourhood greenspace is related to physical activity in England, but only for dog owners. <i>Landscape and Urban Planning</i> , 2018, 174, 18-23. | 7.5 | 36 |
| 62 | Health Benefits of Physical Activity Related to An Urban Riverside Regeneration. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 462. | 2.6 | 35 |
| 63 | Do Preferences for Waterscapes Persist in Inclement Weather and Extend to Sub-aquatic Scenes?. <i>Landscape Research</i> , 2014, 39, 339-358. | 1.6 | 32 |
| 64 | Measuring Health-Related Quality of Life by Experiences: The Experience Sampling Method. <i>Value in Health</i> , 2015, 18, 44-51. | 0.3 | 32 |
| 65 | A preliminary investigation into the restorative potential of public aquaria exhibits: a UK student-based study. <i>Landscape Research</i> , 2017, 42, 18-32. | 1.6 | 31 |
| 66 | Valuing the health benefits of physical activities in the marine environment and their importance for marine spatial planning. <i>Marine Policy</i> , 2016, 63, 144-152. | 3.2 | 30 |
| 67 | Evaluating the Mental Models Approach to Developing a Risk Communication: A Scoping Review of the Evidence. <i>Risk Analysis</i> , 2017, 37, 2132-2149. | 2.7 | 30 |
| 68 | Indoor Nature Interventions for Health and Wellbeing of Older Adults in Residential Settings: A Systematic Review. <i>Gerontologist</i> , The, 2020, 60, e184-e199. | 3.9 | 30 |
| 69 | Natural environments and craving: The mediating role of negative affect. <i>Health and Place</i> , 2019, 58, 102160. | 3.3 | 28 |
| 70 | The value of blue-space recreation and perceived water quality across Europe: A contingent behaviour study. <i>Science of the Total Environment</i> , 2021, 771, 145597. | 8.0 | 28 |
| 71 | The Intuitive Detection Theorist (IDT) Model of Trust in Hazard Managers. <i>Risk Analysis</i> , 2010, 30, 1196-1209. | 2.7 | 27 |
| 72 | Exploring the relationship between childhood obesity and proximity to the coast: A rural/urban perspective. <i>Health and Place</i> , 2016, 40, 129-136. | 3.3 | 27 |

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|----|--|-----|-----------|
| 73 | The Effects of Exercising in Different Natural Environments on Psycho-Physiological Outcomes in Post-Menopausal Women: A Simulation Study. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 11929-11953. | 2.6 | 24 |
| 74 | Barefoot walking, nature connectedness and psychological restoration: the importance of stimulating the sense of touch for feeling closer to the natural world. <i>Landscape Research</i> , 2021, 46, 975-991. | 1.6 | 24 |
| 75 | The relationship between exposure to natural and urban environments and children's self-regulation. <i>Landscape Research</i> , 2018, 43, 315-328. | 1.6 | 22 |
| 76 | Country-level factors in a failing relationship with nature: Nature connectedness as a key metric for a sustainable future. <i>Ambio</i> , 2022, 51, 2201-2213. | 5.5 | 22 |
| 77 | Time and tide. <i>BMJ: British Medical Journal</i> , 2019, 366, l4671. | 2.3 | 21 |
| 78 | Urban blue space renovation and local resident and visitor well-being: A case study from Plymouth, UK. <i>Landscape and Urban Planning</i> , 2021, 215, 104232. | 7.5 | 21 |
| 79 | Urban nature and physical activity: Investigating associations using self-reported and accelerometer data and the role of household income. <i>Environmental Research</i> , 2020, 190, 109899. | 7.5 | 20 |
| 80 | The effects of meteorological conditions and daylight on nature-based recreational physical activity in England. <i>Urban Forestry and Urban Greening</i> , 2019, 42, 39-50. | 5.3 | 19 |
| 81 | The Ocean Decade's Opportunities for Oceans and Human Health Programs to Contribute to Public Health. <i>American Journal of Public Health</i> , 2021, 111, 808-811. | 2.7 | 19 |
| 82 | The health and well-being effects of drought: assessing multi-stakeholder perspectives through narratives from the UK. <i>Climatic Change</i> , 2020, 163, 2073-2095. | 3.6 | 18 |
| 83 | Can virtual nature improve patient experiences and memories of dental treatment? A study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 90. | 1.6 | 17 |
| 84 | The psychological cycle behind dental appointment attendance: a cross-sectional study of experiences, anticipations, and behavioral intentions. <i>Community Dentistry and Oral Epidemiology</i> , 2016, 44, 364-370. | 1.9 | 17 |
| 85 | Longitudinal access and exposure to green-blue spaces and individual-level mental health and well-being: protocol for a longitudinal, population-wide record-linked natural experiment. <i>BMJ Open</i> , 2019, 9, e027289. | 1.9 | 17 |
| 86 | Quantifying the Value of Emotions Using a Willingness to Pay Approach. <i>Journal of Happiness Studies</i> , 2013, 14, 1543-1561. | 3.2 | 16 |
| 87 | Neighbourhood greenspace and smoking prevalence: Results from a nationally representative survey in England. <i>Social Science and Medicine</i> , 2020, 265, 113448. | 3.8 | 16 |
| 88 | Urban Blue Acupuncture: A Protocol for Evaluating a Complex Landscape Design Intervention to Improve Health and Wellbeing in a Coastal Community. <i>Sustainability</i> , 2020, 12, 4084. | 3.2 | 16 |
| 89 | Reviewing the role of aquaria as restorative settings: how subaquatic diversity in public aquaria can influence preferences, and human health and well-being. <i>Human Dimensions of Wildlife</i> , 2018, 23, 446-460. | 1.8 | 15 |
| 90 | Beyond Climate Change and Health: Integrating Broader Environmental Change and Natural Environments for Public Health Protection and Promotion in the UK. <i>Atmosphere</i> , 2018, 9, 245. | 2.3 | 15 |

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| 91 | Why don't the British eat locally harvested shellfish? The role of misconceptions and knowledge gaps. <i>Appetite</i> , 2019, 143, 104352. | 3.7 | 15 |
| 92 | Stress and Unusual Events Exacerbate Symptoms in MeniÃ're's Disease: A Longitudinal Study. <i>Otology and Neurotology</i> , 2018, 39, 73-81. | 1.3 | 14 |
| 93 | â€œIt Makes You Feel That You Are Thereâ€: Exploring the Acceptability of Virtual Reality Nature Environments for People with Memory Loss. <i>Geriatrics (Switzerland)</i> , 2021, 6, 27. | 1.7 | 11 |
| 94 | Association between residential greenness during childhood and trait emotional intelligence during young adulthood: A retrospective life course analysis in the United States. <i>Health and Place</i> , 2022, 74, 102755. | 3.3 | 11 |
| 95 | Forest 404: Using a BBC drama series to explore the impact of natureâ€™s changing soundscapes on human wellbeing and behavior. <i>Global Environmental Change</i> , 2022, 74, 102497. | 7.8 | 9 |
| 96 | Testing the reliability and effectiveness of a new tool for assessing urban blue spaces: The BlueHealth environmental assessment tool (BEAT). <i>Health and Place</i> , 2021, 68, 102526. | 3.3 | 8 |
| 97 | Health status, healthcare utilisation, and quality of life among the coastal communities in Sabah. <i>Medicine (United States)</i> , 2020, 99, e22067. | 1.0 | 7 |
| 98 | Understanding Local Perceptions of the Drivers/Pressures on the Coastal Marine Environment in Palawan, Philippines. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 7 |
| 99 | Recovery under sail: Rehabilitation clients' experience of a sail training voyage. <i>Addiction Research and Theory</i> , 2016, 24, 355-365. | 1.9 | 6 |
| 100 | How do brochures encourage walking in natural environments in the UK? A content analysis. <i>Health Promotion International</i> , 2018, 33, daw083. | 1.8 | 5 |
| 101 | Valuing the Relationship Between Drug and Alcohol Use and Life Satisfaction: Findings from the Crime Survey for England and Wales. <i>Journal of Happiness Studies</i> , 2020, 21, 877-898. | 3.2 | 5 |
| 102 | Interpreting the Risks of Diabetic Renal Disease: Perspectives of those Most at Risk. <i>Psychology and Health</i> , 2002, 17, 33-50. | 2.2 | 4 |
| 103 | Affective reactions to losses and gains in biodiversity: Testing a prospect theory approach. <i>Journal of Environmental Psychology</i> , 2020, 72, 101502. | 5.1 | 4 |
| 104 | Redesigning walking brochures using behaviour change theory: implications for walking intentions in natural environments. <i>Health Promotion International</i> , 2021, 36, 1126-1139. | 1.8 | 4 |
| 105 | The Trust Paradox: The Role of Context Effects in Stated Trust Judgements. <i>Journal of Risk Research</i> , 2007, 10, 977-988. | 2.6 | 3 |
| 106 | Was the trip worth it? Consistency between decision and experienced utility assessments of recreational nature visits. <i>American Journal of Agricultural Economics</i> , 2023, 105, 525-545. | 4.3 | 3 |