

Bryan J Boruff

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

7,043
citations

201385

27
h-index

118652

62
g-index

64
all docs

64
docs citations

64
times ranked

8111
citing authors

#	ARTICLE	IF	CITATIONS
1	Social Vulnerability to Environmental Hazards*. Social Science Quarterly, 2003, 84, 242-261.	0.9	3,713
2	Sustainable development and the water-“energy”-food nexus: A perspective on livelihoods. Environmental Science and Policy, 2015, 54, 389-397.	2.4	624
3	Erosion Hazard Vulnerability of US Coastal Counties. Journal of Coastal Research, 2005, 215, 932-942.	0.1	303
4	The influence of urban design on neighbourhood walking following residential relocation: Longitudinal results from the RESIDE study. Social Science and Medicine, 2013, 77, 20-30.	1.8	252
5	The influence of the neighborhood physical environment on early child health and development: A review and call for research. Health and Place, 2015, 33, 25-36.	1.5	183
6	The association between neighborhood greenness and cardiovascular disease: an observational study. BMC Public Health, 2012, 12, 466.	1.2	176
7	The Long Road Home: Race, Class, and Recovery from Hurricane Katrina. Environment, 2006, 48, 8-20.	0.8	121
8	Why bees are critical for achieving sustainable development. Ambio, 2021, 50, 49-59.	2.8	97
9	The association between neighborhood greenness and weight status: an observational study in Perth Western Australia. Environmental Health, 2013, 12, 49.	1.7	93
10	Development of a Public Open Space Desktop Auditing Tool (POSDAT): A remote sensing approach. Applied Geography, 2013, 38, 22-30.	1.7	92
11	Turning down the heat: An enhanced understanding of the relationship between urban vegetation and surface temperature at the city scale. Science of the Total Environment, 2019, 656, 118-128.	3.9	88
12	The Environmental Vulnerability of Caribbean Island Nations. Geographical Review, 2007, 97, 24-45.	0.9	87
13	Using GPS technology to (re)-examine operational definitions of “neighbourhood”™ in place-based health research. International Journal of Health Geographics, 2012, 11, 22.	1.2	83
14	Assessing the potential for concentrated solar power development in rural Australia. Energy Policy, 2010, 38, 5272-5280.	4.2	82
15	Climate adaptation strategies in Fiji: The role of social norms and cultural values. World Development, 2018, 107, 125-137.	2.6	77
16	Tornado hazards in the United States. Climate Research, 2003, 24, 103-117.	0.4	77
17	A Longitudinal Analysis of the Influence of the Neighborhood Environment on Recreational Walking within the Neighborhood: Results from RESIDE. Environmental Health Perspectives, 2017, 125, 077009.	2.8	59
18	Is a picture worth a thousand words? Evaluating the effectiveness of maps for delivering wildfire warning information. International Journal of Disaster Risk Reduction, 2016, 19, 179-196.	1.8	54

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19	Developing a research and practice tool to measure walkability: a demonstration project. <i>Health Promotion Journal of Australia</i> , 2014, 25, 160-166.	0.6	52
20	Identifying locations for large-scale microalgae cultivation in Western Australia: A GIS approach. <i>Applied Energy</i> , 2015, 149, 379-391.	5.1	50
21	The impact of the built environment on health across the life course: design of a cross-sectional data linkage study. <i>BMJ Open</i> , 2013, 3, e002482.	0.8	49
22	Testing spatial measures of public open space planning standards with walking and physical activity health outcomes: Findings from the Australian national liveability study. <i>Landscape and Urban Planning</i> , 2018, 171, 57-67.	3.4	40
23	Individual, Social, and Environmental Correlates of Healthy and Unhealthy Eating. <i>Health Education and Behavior</i> , 2015, 42, 759-768.	1.3	36
24	Relationship between the neighbourhood built environment and early child development. <i>Health and Place</i> , 2017, 48, 90-101.	1.5	36
25	Subpixel land-cover classification for improved urban area estimates using Landsat. <i>International Journal of Remote Sensing</i> , 2017, 38, 5763-5792.	1.3	32
26	Assessing Flood Hazard Zones in the Absence of Digital Floodplain Maps: Comparison of Alternative Approaches. <i>Natural Hazards Review</i> , 2007, 8, 1-12.	0.8	30
27	Influence of the day care, home and neighbourhood environment on young children's physical activity and health: protocol for the PLAYCE observational study. <i>BMJ Open</i> , 2016, 6, e014058.	0.8	28
28	Reconnecting urban planning with health: a protocol for the development and validation of national liveability indicators associated with noncommunicable disease risk behaviours and health outcomes. <i>Public Health Research and Practice</i> , 2014, 25, .	0.7	27
29	Associations between the home yard and preschoolers' outdoor play and physical activity. <i>Public Health Research and Practice</i> , 2019, 29, .	0.7	26
30	Geographic Information and Communication Technologies for Supporting Smallholder Agriculture and Climate Resilience. <i>Climate</i> , 2018, 6, 97.	1.2	22
31	Urban Growth Dynamics in Perth, Western Australia: Using Applied Remote Sensing for Sustainable Future Planning. <i>Land</i> , 2017, 6, 9.	1.2	21
32	Detecting Frost Stress in Wheat: A Controlled Environment Hyperspectral Study on Wheat Plant Components and Implications for Multispectral Field Sensing. <i>Remote Sensing</i> , 2020, 12, 477.	1.8	21
33	Indicators of mining in development: A Q–methodology investigation of two gold mines in Quang Nam province, Vietnam. <i>Resources Policy</i> , 2018, 57, 147-155.	4.2	18
34	Nature Play and Fundamental Movement Skills Training Programs Improve Childcare Educator Supportive Physical Activity Behavior. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 223.	1.2	18
35	Chimpanzees Use Least-Cost Routes to Out-of-Sight Goals. <i>Current Biology</i> , 2020, 30, 4528-4533.e5.	1.8	18
36	From ridge tops to ravines: landscape drivers of chimpanzee ranging patterns. <i>Animal Behaviour</i> , 2020, 163, 51-60.	0.8	18

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37	Overcoming inefficiencies arising due to the impact of the modifiable areal unit problem on single-aggregation disease maps. <i>International Journal of Health Geographics</i> , 2020, 19, 40.	1.2	17
38	Children's neighbourhood physical environment and early development: an individual child level linked data study. <i>Journal of Epidemiology and Community Health</i> , 2020, 74, 321-329.	2.0	17
39	Fool's Gold: Understanding Social, Economic and Environmental Impacts from Gold Mining in Quang Nam Province, Vietnam. <i>Sustainability</i> , 2018, 10, 1355.	1.6	16
40	Living liveable? RESIDE's evaluation of the 'Liveable Neighborhoods' planning policy on the health supportive behaviors and wellbeing of residents in Perth, Western Australia. <i>SSM - Population Health</i> , 2020, 10, 100538.	1.3	16
41	Shade coverage, ultraviolet radiation and children's physical activity in early childhood education and care. <i>International Journal of Public Health</i> , 2019, 64, 1325-1333.	1.0	15
42	Leaf my neighbourhood alone! predicting the influence of densification on residential tree canopy cover in Perth. <i>Landscape and Urban Planning</i> , 2020, 199, 103804.	3.4	15
43	Sustainable City Planning: A Data-Driven Approach for Mitigating Urban Heat. <i>Frontiers in Built Environment</i> , 2021, 6, .	1.2	15
44	Urbanisation-Induced Land Cover Temperature Dynamics for Sustainable Future Urban Heat Island Mitigation. <i>Urban Science</i> , 2017, 1, 38.	1.1	14
45	Towards personalised public warnings: harnessing technological advancements to promote better individual decision-making in the face of disasters. <i>International Journal of Digital Earth</i> , 2017, 10, 1231-1252.	1.6	12
46	The smoke is rising but where is the fire? Exploring effective online map design for wildfire warnings. <i>Natural Hazards</i> , 2017, 88, 1473-1501.	1.6	12
47	Frost Damage Assessment in Wheat Using Spectral Mixture Analysis. <i>Remote Sensing</i> , 2019, 11, 2476.	1.8	12
48	Chimpanzee ranging responses to fruit availability in a high elevation environment. <i>American Journal of Primatology</i> , 2020, 82, e23119.	0.8	12
49	Mining, development and well-being in Vietnam: A comparative analysis. <i>The Extractive Industries and Society</i> , 2017, 4, 564-575.	0.7	9
50	Defining Sufficient Household Preparedness for Active Wildfire Defense: Toward an Australian Baseline. <i>Natural Hazards Review</i> , 2016, 17, .	0.8	8
51	An extreme climatic event and systemic vulnerabilities in the face of conflict: insights from the Taliban insurgency in Swat, Pakistan. <i>Regional Environmental Change</i> , 2021, 21, 1.	1.4	8
52	'Listening to the Sounds of the Water': Bringing Together Local Knowledge and Biophysical Data to Understand Climate-Related Hazard Dynamics. <i>International Journal of Disaster Risk Science</i> , 2021, 12, 326-340.	1.3	8
53	Changing water system vulnerability in Western Australia's Wheatbelt region. <i>Applied Geography</i> , 2018, 91, 131-143.	1.7	6
54	Institutional dimensions of post-flood recovery in war-affected Swat, Pakistan. <i>International Journal of Disaster Risk Reduction</i> , 2021, 65, 102526.	1.8	5

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55	The Regulatory Framework and Minerals Development in Vietnam: An Assessment of Challenges and Reform. <i>Sustainability</i> , 2019, 11, 4861.	1.6	4
56	Modelling the Relationship between Rainfall and Mental Health Using Different Spatial and Temporal Units. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1312.	1.2	4
57	Impact of the modifiable areal unit problem in assessing determinants of emergency department demand. <i>EMA - Emergency Medicine Australasia</i> , 2021, 33, 794-802.	0.5	4
58	Impact of Australian Bureau of Statistics data perturbation techniques on the precision of Census population counts, and the propagation of this impact in a geospatial analysis of high-risk foot hospital admissions among an Indigenous population. <i>Australian Geographer</i> , 2022, 53, 105-126.	1.0	3
59	Do integrated landscape approaches moderate climate impacts on livelihoods? A review of the evidence from agricultural landscapes. <i>Regional Environmental Change</i> , 2021, 21, 1.	1.4	2
60	A Participatory Approach to Understanding the Impact of Multiple Natural Hazards in Communities along the Ba River, Fiji. <i>Community, Environment and Disaster Risk Management</i> , 2020, , 57-86.	0.1	2
61	Is vegetation cover in key behaviour settings important for early childhood socioemotional function? a preregistered, cross-sectional study. <i>Developmental Science</i> , 2021, , e13200.	1.3	2
62	Participatory GIS and Community-Based Adaptation to Climate Change and Environmental Hazards: A Cambodian Case Study. <i>Community, Environment and Disaster Risk Management</i> , 2020, , 113-134.	0.1	1
63	Climate change adaptation in disaster-prone communities in Cambodia and Fiji. <i>APN Science Bulletin</i> , 2020, 10, .	0.2	1
64	Analysing geographic variation in lower urgency emergency department presentations using readily available administrative boundaries and a novel spatial smoothing technique. <i>Australian Geographer</i> , 2020, , 1-13.	1.0	0