

# Jonathan J Corcoran

## List of Publications by Year in descending order

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Version: 2024-02-01

131  
papers

3,044  
citations

159358

30  
h-index

197535

49  
g-index

134  
all docs

134  
docs citations

134  
times ranked

2899  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporal patterns of a Public Bicycle Sharing Program: the effect of weather and calendar events. <i>Journal of Transport Geography</i> , 2014, 41, 292-305.	2.3	186
2	Mapping and measuring place attachment. <i>Applied Geography</i> , 2015, 57, 42-53.	1.7	161
3	Visualising space and time in crime patterns: A comparison of methods. <i>Computers, Environment and Urban Systems</i> , 2007, 31, 52-75.	3.3	141
4	Scale Mismatches, Conservation Planning, and the Value of Social Network Analyses. <i>Conservation Biology</i> , 2013, 27, 35-44.	2.4	139
5	Examining the spatial-temporal dynamics of bus passenger travel behaviour using smart card data and the flow-comap. <i>Journal of Transport Geography</i> , 2014, 41, 21-36.	2.3	117
6	Human Capital in Remote and Rural Australia: The Role of Graduate Migration. <i>Growth and Change</i> , 2010, 41, 192-220.	1.3	99
7	How does our natural and built environment affect the use of bicycle sharing?. <i>Transportation Research, Part A: Policy and Practice</i> , 2016, 94, 295-307.	2.0	89
8	Exploring Bus Rapid Transit passenger travel behaviour using big data. <i>Applied Geography</i> , 2014, 53, 90-104.	1.7	87
9	Predicting the geo-temporal variations of crime and disorder. <i>International Journal of Forecasting</i> , 2003, 19, 623-634.	3.9	69
10	To travel or not to travel: "Weather" is the question. Modelling the effect of local weather conditions on bus ridership. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 86, 147-167.	3.9	68
11	Route choice stickiness of public transport passengers: Measuring habitual bus ridership behaviour using smart card data. <i>Transportation Research Part C: Emerging Technologies</i> , 2017, 83, 146-164.	3.9	63
12	The use of spatial analytical techniques to explore patterns of fire incidence: A South Wales case study. <i>Computers, Environment and Urban Systems</i> , 2007, 31, 623-647.	3.3	62
13	Dynamics of bike sharing in Washington, DC and Brisbane, Australia: Implications for policy and planning. <i>International Journal of Sustainable Transportation</i> , 2016, 10, 441-454.	2.1	61
14	Weather and cycling in New York: The case of Citibike. <i>Journal of Transport Geography</i> , 2019, 77, 97-112.	2.3	60
15	The socio-spatial determinants of COVID-19 diffusion: the impact of globalisation, settlement characteristics and population. <i>Globalization and Health</i> , 2021, 17, 56.	2.4	57
16	Using circular statistics to analyse time patterns in crime incidence. <i>Computers, Environment and Urban Systems</i> , 2006, 30, 300-319.	3.3	50
17	The influence of weather on local geographical patterns of police calls for service. <i>Environment and Planning B: Planning and Design</i> , 2009, 36, 906-926.	1.7	50
18	Greenspace and Crime. <i>Journal of Research in Crime and Delinquency</i> , 2017, 54, 303-337.	1.7	50

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19	Transport mode choice in South East Asia: Investigating the relationship between transport users' perception and travel behaviour in Johor Bahru, Malaysia. <i>Journal of Transport Geography</i> , 2015, 46, 99-111.	2.3	46
20	Modelling urban change with cellular automata: Contemporary issues and future research directions. <i>Progress in Human Geography</i> , 2021, 45, 3-24.	3.3	43
21	Investigating the association between weather conditions, calendar events and socio-economic patterns with trends in fire incidence: an Australian case study. <i>Journal of Geographical Systems</i> , 2011, 13, 193-226.	1.9	40
22	Neighbourhood social conduits and resident social cohesion. <i>Urban Studies</i> , 2019, 56, 226-248.	2.2	40
23	The Use of Comaps to Explore the Spatial and Temporal Dynamics of Fire Incidents: A Case Study in South Wales, United Kingdom. <i>Professional Geographer</i> , 2007, 59, 521-536.	1.0	39
24	Mapping urban residential density patterns: Compact city model in Melbourne, Australia. <i>City, Culture and Society</i> , 2013, 4, 77-85.	1.1	36
25	Examining the Social Porosity of Environmental Features on Neighborhood Sociability and Attachment. <i>PLoS ONE</i> , 2014, 9, e84544.	1.1	36
26	Modelling spatial access to General Practitioner surgeries: Does public transport availability matter?. <i>Journal of Transport and Health</i> , 2017, 6, 143-154.	1.1	35
27	Modelling tourism and hospitality employment clusters: a spatial econometric approach. <i>Tourism Geographies</i> , 2017, 19, 398-424.	2.2	35
28	Modelling Potential Socio-economic Determinants of Building Fires in South East Queensland. <i>Geographical Research</i> , 2010, 48, 75-85.	0.9	34
29	Fire incidence in metropolitan areas: A comparative study of Brisbane (Australia) and Cardiff (United Kingdom). <i>International Journal of Geographical Information Science</i> , 2017, 31, 1783-1804.	1.7	34
30	The influence of weather on local geographical patterns of bus usage. <i>Journal of Transport Geography</i> , 2016, 54, 66-80.	2.3	34
31	Measuring the spatial accessibility to fire stations using enhanced floating catchment method. <i>Socio-Economic Planning Sciences</i> , 2020, 69, 100673.	2.5	34
32	Where are the overseas graduates staying on? Overseas graduate migration and rural attachment in Australia. <i>Applied Geography</i> , 2014, 53, 66-76.	1.7	32
33	Modelling residential fire incident response times: A spatial analytic approach. <i>Applied Geography</i> , 2017, 84, 64-74.	1.7	31
34	Neighbourhood land use features, collective efficacy and local civic actions. <i>Urban Studies</i> , 2018, 55, 2372-2390.	2.2	29
35	Using circular statistics to explore the geography of the journey to work. <i>Papers in Regional Science</i> , 2009, 88, 119-133.	1.0	28
36	The association between smoke alarm presence and injury and death rates: A systematic review and meta-analysis. <i>Fire Safety Journal</i> , 2016, 81, 58-63.	1.4	27

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37	Spatial forecasting of residential urban fires: A Bayesian approach. <i>Computers, Environment and Urban Systems</i> , 2010, 34, 58-69.	3.3	26
38	Seaport resilience to climate change: mapping vulnerability to sea-level rise. <i>Journal of Spatial Science</i> , 2015, 60, 65-78.	1.0	25
39	The influence of weather conditions on adult transit ridership in the sub-tropics. <i>Transportation Research, Part A: Policy and Practice</i> , 2019, 125, 106-118.	2.0	25
40	Disaggregate GIS modelling to track spatial change: exploring a decade of commuting in South East Queensland, Australia. <i>Journal of Transport Geography</i> , 2012, 24, 306-314.	2.3	24
41	Modelling loyalty and behavioural change intentions of busway passengers: A case study of Brisbane, Australia. <i>IATSS Research</i> , 2017, 41, 113-122.	1.8	24
42	Spatial optimisation of fire service coverage: a case study of Brisbane, Australia. <i>Geographical Research</i> , 2018, 56, 270-284.	0.9	24
43	Greenspace and Place Attachment: Do Greener Suburbs Lead to Greater Residential Place Attachment?. <i>Urban Policy and Research</i> , 2014, 32, 477-497.	0.8	23
44	Relations between violence, calendar events and ambient conditions. <i>Injury</i> , 2004, 35, 467-473.	0.7	20
45	Modelling the Patterns and Drivers of Tourism Related Employment for South-East Queensland, Australia – A Spatial Econometric Approach. <i>Tourism Recreation Research</i> , 2008, 33, 25-38.	3.3	19
46	The returns to migration and human capital accumulation pathways: non-metropolitan youth in the school-to-work transition. <i>Annals of Regional Science</i> , 2017, 59, 819-845.	1.0	18
47	Special issue on youth and graduate migration. <i>Annals of Regional Science</i> , 2017, 59, 571-575.	1.0	18
48	Combining Landsat and landscape metrics to analyse large-scale urban land cover change: a case study in the Jakarta Metropolitan Area. <i>Journal of Spatial Science</i> , 2019, 64, 515-534.	1.0	18
49	Parking Behavior: Park & Ride (PnR) to encourage multimodalism in Brisbane. <i>Land Use Policy</i> , 2020, 91, 104304.	2.5	18
50	How does weather affect bikeshare use? A comparative analysis of forty cities across climate zones. <i>Journal of Transport Geography</i> , 2021, 95, 103155.	2.3	18
51	Mobility Patterns of Overseas Human Capital in Australia: the role of a new graduate visa scheme and rural development policy. <i>Australian Geographer</i> , 2013, 44, 177-195.	1.0	17
52	Ageing Australia: changing location patterns of older people in South East Queensland. <i>Australian Planner</i> , 2014, 51, 2-14.	0.6	17
53	Living near violence: How proximity to violence shapes perceptions of police effectiveness and confidence in police. <i>Journal of Environmental Psychology</i> , 2017, 53, 138-144.	2.3	17
54	A Geographically Weighted Regression Method to Spatially Disaggregate Regional Employment Forecasts for South East Queensland. <i>Applied Spatial Analysis and Policy</i> , 2009, 2, 147-175.	1.0	16

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55	Decline in internal migration levels in Australia: Compositional or behavioural effect?. Population, Space and Place, 2021, 27, e2341.	1.2	16
56	Examining the use of a geodemographic classification in an exploratory analysis of variations in fire incidence in South Wales, UK. Fire Safety Journal, 2013, 62, 37-48.	1.4	15
57	Interregional migration analysis. , 2015, , .		15
58	Modeling the Influence of Weather on Transit Ridership: A Case Study from Brisbane, Australia. Transportation Research Record, 2018, 2672, 505-510.	1.0	15
59	The semi-automated classification of sedimentary organic matter in palynological preparations. Computers and Geosciences, 2005, 31, 1213-1223.	2.0	14
60	Analysing journey-to-work data using complex networks. Journal of Transport Geography, 2018, 66, 65-79.	2.3	14
61	Shifting dynamics of Chinese settlement in Australia: an urban geographic perspective. Geographical Research, 2018, 56, 447-464.	0.9	13
62	Generating Different Urban Land Configurations Based on Heterogeneous Decisions of Private Land Developers: An Agent-Based Approach in a Developing Country Context. ISPRS International Journal of Geo-Information, 2019, 8, 229.	1.4	13
63	A regional renaissance? The shifting geography of internal migration under COVID-19. Australian Geographer, 2022, 53, 405-423.	1.0	13
64	Disentangling the behavioural side of the first and last mile problem: the role of modality style and the built environment. Journal of Transport Geography, 2021, 91, 102936.	2.3	12
65	Exploring the spatio-temporal dynamics of fire incidence and the influence of socio-economic status: A case study from south east Queensland, Australia. Journal of Spatial Science, 2009, 54, 79-91.	1.0	11
66	Oil vulnerability: the effect of non-metropolitan areas and master planned estates in South East Queensland 2001-2006. Australian Planner, 2011, 48, 117-130.	0.6	11
67	Modelling geographical graduate job search using circular statistics. Papers in Regional Science, 2013, 92, 329-344.	1.0	11
68	Subjectively Weighted Development Scenarios for Urban Allocation: A Case Study of South East Queensland. Transactions in GIS, 2007, 11, 597-619.	1.0	10
69	Modelling Spatial Fragmentation of the Brisbane Housing Market. Urban Policy and Research, 2009, 27, 73-89.	0.8	10
70	Using a large scale urban model to test planning scenarios in the Brisbane-South East Queensland region*. Regional Science Policy and Practice, 2012, 4, 373-392.	0.8	10
71	Mapping spatial patterns of bus usage under varying local temperature conditions. Journal of Maps, 2017, 13, 74-81.	1.0	10
72	Contemporary parking policy, practice, and outcomes in three large Australian cities. Progress in Planning, 2021, 153, 100506.	2.3	10

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73	Investigating the Temporal Dynamics of Tourist Movement: An Application of Circular Statistics. <i>Tourism Analysis</i> , 2010, 15, 71-88.	0.5	9
74	Evaluating the effects of Australian policy changes on human capital: the role of a graduate visa scheme. <i>Environment and Planning C: Urban Analytics and City Science</i> , 2016, 34, 151-170.	1.5	9
75	Graduate migration and regional development: an international perspective. , 2017, , .		9
76	Vehicle scheduling approach and its practice to optimise public bicycle redistribution in Hangzhou. <i>IET Intelligent Transport Systems</i> , 2018, 12, 976-985.	1.7	9
77	Crime and bus stops: An examination using transit smart card and crime data. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 706-723.	1.0	9
78	Testing dasymetric techniques to spatially disaggregate the regional population forecasts for South East Queensland. <i>Journal of Spatial Science</i> , 2011, 56, 203-221.	1.0	8
79	Examining spatio-temporal patterns, drivers and trends of residential fires in South East Queensland, Australia. <i>Disaster Prevention and Management</i> , 2018, 27, 586-603.	0.6	8
80	High skilled immigration and the occupational choices of native workers: the case of Australia. <i>Oxford Economic Papers</i> , 2020, 72, 585-605.	0.7	8
81	Data Clustering and Rule Abduction to Facilitate Crime Hot Spot Prediction. <i>Lecture Notes in Computer Science</i> , 2001, , 807-821.	1.0	6
82	Trapped in Jobless Household Areas: the spatio-temporal dynamics of children in jobless households in metropolitan Australia. <i>Australian Geographer</i> , 2010, 41, 367-389.	1.0	6
83	The Girl on the Bus: Familiar Faces in Daily Travel and Their Implications for Crime Protection. <i>Annals of the American Association of Geographers</i> , 2020, , 1-18.	1.5	6
84	Neighbourhood places, collective efficacy and crime: A longitudinal perspective. <i>Urban Studies</i> , 2022, 59, 789-809.	2.2	6
85	Integrating Undergraduate Fieldwork into the Study of Human Mobility. <i>Australian Geographer</i> , 2014, 45, 505-519.	1.0	5
86	Wander: A Smartphone App for Sensing Sociability. <i>Applied Spatial Analysis and Policy</i> , 2018, 11, 537-556.	1.0	5
87	Has the decline in the intensity of internal migration been accompanied by changes in reasons for migration?. <i>Journal of Population Research</i> , 0, , .	0.6	5
88	Spatially Disaggregating Employment Growth Estimates. <i>International Regional Science Review</i> , 2011, 34, 138-156.	1.0	4
89	Not all those who Wander are lost: exploring human mobility using a smartphone application. <i>Australian Geographer</i> , 2018, 49, 317-333.	1.0	4
90	Understanding "segmented assimilation"™ in Australian cities: Modelling the residential choices of mainland China-, Hong Kong- and Taiwan-born migrants. <i>Applied Geography</i> , 2018, 99, 140-153.	1.7	4

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91	Modelling the spatial dynamics of Mainland China-born migrants in Australia. <i>Australian Geographer</i> , 2019, 50, 201-219.	1.0	4
92	The Effect of Weather on Assault. <i>Environment and Behavior</i> , 0, , 001391652110146.	2.1	4
93	Locational patterns of new graduate employment and regional economic performance in Australia. <i>International Journal of Foresight and Innovation Policy</i> , 2011, 7, 44.	0.2	3
94	Mapping spatial flows over time: a case study using journey-to-work data. <i>Journal of Spatial Science</i> , 2013, 58, 147-159.	1.0	3
95	Using routine activity theory to inform a conceptual understanding of the geography of fire events. <i>Geoforum</i> , 2016, 75, 180-185.	1.4	3
96	Mapping cities by transit ridersâ€™ trajectories: The case of Brisbane, Australia. <i>Environment and Planning A</i> , 2017, 49, 1707-1709.	2.1	3
97	Transport-related walking among young adults: when and why?. <i>BMC Public Health</i> , 2020, 20, 244.	1.2	3
98	Simulating the impact of developersâ€™ capital possession on urban development across a megacity: An agent-based approach. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 376-391.	1.0	3
99	Equity of public transport costs before and after a fare policy reform: An empirical evaluation using smartcard data. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 144, 104-118.	2.0	3
100	Forty years of internal migration in Australian regions: a sequence analysis of net migration, turnover, and retention. <i>Australian Geographer</i> , 2021, 52, 425-452.	1.0	3
101	Spatial Mobility Patterns of Overseas Graduates in Australia. <i>Applied Demography Series</i> , 2016, , 175-195.	0.1	2
102	A Toolkit for Measuring Visitation in Third Places. <i>Applied Spatial Analysis and Policy</i> , 2021, 14, 547-562.	1.0	2
103	State of the Art and Future Challenges of Interregional Migration Empirical Research in Oceania. <i>Advances in Spatial Science</i> , 2018, , 125-147.	0.3	2
104	Spatial variations in cycling dissonance: The case of commuting in Greater Brisbane. <i>International Journal of Sustainable Transportation</i> , 2022, 16, 754-773.	2.1	2
105	Investigating the Ipswich to Brisbane commuting pattern: A quantitative approach. <i>Australian Planner</i> , 2009, 46, 40-46.	0.6	1
106	Graphical tools for conditional probabilistic exploration of multivariate spatial datasets. <i>Computers, Environment and Urban Systems</i> , 2012, 36, 359-370.	3.3	1
107	MCMC methods for univariate exponential family models with intractable normalization constants. , 2014, , .		1
108	Why do a PhD in geography? A sympathetic response to â€”the career aspirations and expectations of geography studentsâ€™. <i>Geographical Research</i> , 2018, 56, 479-483.	0.9	1

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109	Living Near Violence and Feeling Safe: What is the Role of Active Guardianship in the Home Territory?. <i>Journal of Quantitative Criminology</i> , 2022, 38, 105-126.	2.0	1
110	Using WeChat Data to Understand Residential Mobility of Mainland China-Born Migrants in Australia: A Segmented Assimilation Perspective. <i>Applied Spatial Analysis and Policy</i> , 2021, 14, 703-729.	1.0	1
111	Contemporary Applications For Spatially Integrated Social Science. <i>Applied Spatial Analysis and Policy</i> , 2021, 14, 445-447.	1.0	1
112	Airbnb and micro-entrepreneurship in regional economies: Lessons from Australia. <i>Geographical Research</i> , 0, , .	0.9	1
113	Migration and Human Capital: The Role of Education in Interregional Migration: The Australian Case. <i>Footprints of Regional Science</i> , 2021, , 247-267.	0.3	1
114	Capturing temporary populations: assessing the utility of Facebook in the 2019 flood in Townsville, Australia. <i>Australian Population Studies</i> , 2020, 4, 30-32.	0.6	1
115	Using circular statistics to analyse spatial flow and temporal data. , 2014, , .		0
116	Greening the Commute: Assessing the Impact of the Eleanor Schonell "Green" Bridge on Travel to the University of Queensland, Australia. <i>Urban Policy and Research</i> , 2015, 33, 61-78.	0.8	0
117	Forecasting Patterns of Metropolitan Growth Using an Optimised Allocation Procedure. <i>Applied Demography Series</i> , 2016, , 109-129.	0.1	0
118	Human-capital migration and salaries: an examination of US college graduates. , 2017, , .		0
119	Special issue on global transitions of urban mobility and land use. <i>Land Use Policy</i> , 2020, 91, 104425.	2.5	0
120	Introduction to the census questions special issue. <i>Australian Population Studies</i> , 2021, 5, 1-2.	0.6	0
121	The journey to education. <i>Australian Population Studies</i> , 2021, 5, 26-33.	0.6	0
122	A season for complaints: how does weather affect noise complaints between neighbours?. <i>Weather, Climate, and Society</i> , 2021, , .	0.5	0
123	Unveiling the relationship between land use types and the temporal signals of crime: An empirical decomposition approach. <i>Environment and Planning B: Urban Analytics and City Science</i> , 0, , 239980832110333.	1.0	0
124	Visualization of Predictive Distributions for Discrete Spatial-Temporal Log Cox Processes Approximated with MCMC. <i>Lecture Notes in Computer Science</i> , 2012, , 286-293.	1.0	0
125	Visual Data Mining Methods for Kernel Smoothed Estimates of Cox Processes. <i>Lecture Notes in Computer Science</i> , 2013, , 83-94.	1.0	0
126	Career Moves: Migration Histories of Selected Regional Workforces in Bendigo, Australia. <i>Advances in Spatial Science</i> , 2018, , 311-331.	0.3	0



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127	The Changing Composition and Fortunes of Overseas Graduates in Australia: The Case of Chinese and Indian Graduates. <i>New Frontiers in Regional Science: Asian Perspectives</i> , 2020, , 201-220.	0.1	0
128	A data fusion approach to the estimation of temporary populations: An application to Australia. <i>PLoS ONE</i> , 2021, 16, e0259377.	1.1	0
129	Graphical models and Bayesian networks as a spatial analytical tool. , 2014, , .		0
130	Urban growth in the Brisbaneâ€“South East Queensland region and its implications for emergency services provision: a Geographic Information Systems-based approach. , 2012, , .		0
131	The temporality of on-street parking â€“ exploring the role of land-use mix and change on parking dynamics. <i>Environment and Planning B: Urban Analytics and City Science</i> , 0, , 239980832211129.	1.0	0