Jonathan J Corcoran

List of Publications by Year
in descending order

131 papers	3,044 citations	159585 30 h-index	197818 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. Journal of Transport Geography, 2014, 41, 292-305.	5.0	186
2	Mapping and measuring place attachment. Applied Geography, 2015, 57, 42-53.	3.7	161
3	Visualising space and time in crime patterns: A comparison of methods. Computers, Environment and Urban Systems, 2007, 31, 52-75.	7.1	141
4	Scale Mismatches, Conservation Planning, and the Value of Social‐Network Analyses. Conservation Biology, 2013, 27, 35-44.	4.7	139
5	Examining the spatial–temporal dynamics of bus passenger travel behaviour using smart card data and the flow-comap. Journal of Transport Geography, 2014, 41, 21-36.	5.0	117
6	Human Capital in Remote and Rural Australia: The Role of Graduate Migration. Growth and Change, 2010, 41, 192-220.	2.6	99
7	How does our natural and built environment affect the use of bicycle sharing?. Transportation Research, Part A: Policy and Practice, 2016, 94, 295-307.	4.2	89
8	Exploring Bus Rapid Transit passenger travel behaviour using big data. Applied Geography, 2014, 53, 90-104.	3.7	87
9	Predicting the geo-temporal variations of crime and disorder. International Journal of Forecasting, 2003, 19, 623-634.	6.5	69
10	To travel or not to travel: 'Weather' is the question. Modelling the effect of local weather conditions on bus ridership. Transportation Research Part C: Emerging Technologies, 2018, 86, 147-167.	7.6	68
11	Route choice stickiness of public transport passengers: Measuring habitual bus ridership behaviour using smart card data. Transportation Research Part C: Emerging Technologies, 2017, 83, 146-164.	7.6	63
12	The use of spatial analytical techniques to explore patterns of fire incidence: A South Wales case study. Computers, Environment and Urban Systems, 2007, 31, 623-647.	7.1	62
13	Dynamics of bike sharing in Washington, DC and Brisbane, Australia: Implications for policy and planning. International Journal of Sustainable Transportation, 2016, 10, 441-454.	4.1	61
14	Weather and cycling in New York: The case of Citibike. Journal of Transport Geography, 2019, 77, 97-112.	5.0	60
15	The socio-spatial determinants of COVID-19 diffusion: the impact of globalisation, settlement characteristics and population. Globalization and Health, 2021, 17, 56.	4.9	57
16	Using circular statistics to analyse time patterns in crime incidence. Computers, Environment and Urban Systems, 2006, 30, 300-319.	7.1	50
17	The influence of weather on local geographical patterns of police calls for service. Environment and Planning B: Planning and Design, 2009, 36, 906-926.	1.7	50
18	Greenspace and Crime. Journal of Research in Crime and Delinquency, 2017, 54, 303-337.	2.4	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. Journal of Transport Geography, 2015, 46, 99-111.	5.0	46
20	Modelling urban change with cellular automata: Contemporary issues and future research directions. Progress in Human Geography, 2021, 45, 3-24.	5.6	43
21	Investigating the association between weather conditions, calendar events and socio-economic patterns with trends in fire incidence: an Australian case study. Journal of Geographical Systems, 2011, 13, 193-226.	3.1	40
22	Neighbourhood social conduits and resident social cohesion. Urban Studies, 2019, 56, 226-248.	3.7	40
23	The Use of Comaps to Explore the Spatial and Temporal Dynamics of Fire Incidents: A Case Study in South Wales, United Kingdomâˆ—. Professional Geographer, 2007, 59, 521-536.	1.8	39
24	Mapping urban residential density patterns: Compact city model in Melbourne, Australia. City, Culture and Society, 2013, 4, 77-85.	2.3	36
25	Examining the Social Porosity of Environmental Features on Neighborhood Sociability and Attachment. PLoS ONE, 2014, 9, e84544.	2.5	36
26	Modelling spatial access to General Practitioner surgeries: Does public transport availability matter?. Journal of Transport and Health, 2017, 6, 143-154.	2.2	35
27	Modelling tourism and hospitality employment clusters: a spatial econometric approach. Tourism Geographies, 2017, 19, 398-424.	4.0	35
28	Modelling Potential Socioâ€economic Determinants of Building Fires in South East Queensland. Geographical Research, 2010, 48, 75-85.	1.8	34
29	Fire incidence in metropolitan areas: A comparative study of Brisbane (Australia) and Cardiff (United) Tj ETQq1 1 0.784314 rgBT /Overl...	3.7	34
30	The influence of weather on local geographical patterns of bus usage. Journal of Transport Geography, 2016, 54, 66-80.	5.0	34
31	Measuring the spatial accessibility to fire stations using enhanced floating catchment method. Socio-Economic Planning Sciences, 2020, 69, 100673.	5.0	34
32	Where are the overseas graduates staying on? Overseas graduate migration and rural attachment in Australia. Applied Geography, 2014, 53, 66-76.	3.7	32
33	Modelling residential fire incident response times: A spatial analytic approach. Applied Geography, 2017, 84, 64-74.	3.7	31
34	Neighbourhood land use features, collective efficacy and local civic actions. Urban Studies, 2018, 55, 2372-2390.	3.7	29
35	Using circular statistics to explore the geography of the journey to work. Papers in Regional Science, 2009, 88, 119-133.	1.9	28
36	The association between smoke alarm presence and injury and death rates: A systematic review and meta-analysis. Fire Safety Journal, 2016, 81, 58-63.	3.1	27

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37	Spatial forecasting of residential urban fires: A Bayesian approach. Computers, Environment and Urban Systems, 2010, 34, 58-69.	7.1	26
38	Seaport resilience to climate change: mapping vulnerability to sea-level rise. Journal of Spatial Science, 2015, 60, 65-78.	1.5	25
39	The influence of weather conditions on adult transit ridership in the sub-tropics. Transportation Research, Part A: Policy and Practice, 2019, 125, 106-118.	4.2	25
40	Disaggregate GIS modelling to track spatial change: exploring a decade of commuting in South East Queensland, Australia. Journal of Transport Geography, 2012, 24, 306-314.	5.0	24
41	Modelling loyalty and behavioural change intentions of busway passengers: A case study of Brisbane, Australia. IATSS Research, 2017, 41, 113-122.	3.4	24
42	Spatial optimisation of fire service coverage: a case study of Brisbane, Australia. Geographical Research, 2018, 56, 270-284.	1.8	24
43	Greenspace and Place Attachment: Do Greener Suburbs Lead to Greater Residential Place Attachment?. Urban Policy and Research, 2014, 32, 477-497.	1.3	23
44	Relations between violence, calendar events and ambient conditions. Injury, 2004, 35, 467-473.	1.7	20
45	Modelling the Patterns and Drivers of Tourism Related Employment for South-East Queensland, Australiaâ€"A Spatial Econometric Approach. Tourism Recreation Research, 2008, 33, 25-38.	4.9	19
46	The returns to migration and human capital accumulation pathways: non-metropolitan youth in the school-to-work transition. Annals of Regional Science, 2017, 59, 819-845.	2.1	18
47	Special issue on youth and graduate migration. Annals of Regional Science, 2017, 59, 571-575.	2.1	18
48	Combining Landsat and landscape metrics to analyse large-scale urban land cover change: a case study in the Jakarta Metropolitan Area. Journal of Spatial Science, 2019, 64, 515-534.	1.5	18
49	Parking Behavior: Park â€˜nâ€™ Ride (PnR) to encourage multimodalism in Brisbane. Land Use Policy, 2020, 91, 104304.	5.6	18
50	How does weather affect bikeshare use? A comparative analysis of forty cities across climate zones. Journal of Transport Geography, 2021, 95, 103155.	5.0	18
51	Mobility Patterns of Overseas Human Capital in Australia: the role of a â€˜newâ€™ graduate visa scheme and rural development policy. Australian Geographer, 2013, 44, 177-195.	1.7	17
52	Ageing Australia: changing location patterns of older people in South East Queensland. Australian Planner, 2014, 51, 2-14.	1.1	17
53	Living near violence: How proximity to violence shapes perceptions of police effectiveness and confidence in police. Journal of Environmental Psychology, 2017, 53, 138-144.	5.1	17
54	A Geographically Weighted Regression Method to Spatially Disaggregate Regional Employment Forecasts for South East Queensland. Applied Spatial Analysis and Policy, 2009, 2, 147-175.	2.0	16

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55	Decline in internal migration levels in Australia: Compositional or behavioural effect?. Population, Space and Place, 2021, 27, e2341.	2.3	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.	3.1	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.	1.9	15
59	The semi-automated classification of sedimentary organic matter in palynological preparations. Computers and Geosciences, 2005, 31, 1213-1223.	4.2	14
60	Analysing journey-to-work data using complex networks. Journal of Transport Geography, 2018, 66, 65-79.	5.0	14
61	Shifting dynamics of Chinese settlement in Australia: an urban geographic perspective. Geographical Research, 2018, 56, 447-464.	1.8	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.	2.9	13
63	A regional renaissance? The shifting geography of internal migration under COVID-19. Australian Geographer, 2022, 53, 405-423.	1.7	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.	5.0	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.	1.5	11
66	Oil vulnerability: the effect of non-metropolitan areas and master planned estates in South East Queensland 2001â€"2006. Australian Planner, 2011, 48, 117-130.	1.1	11
67	Modelling geographical graduate job search using circular statistics. Papers in Regional Science, 2013, 92, 329-344.	1.9	11
68	Subjectively Weighted Development Scenarios for Urban Allocation: A Case Study of South East Queensland. Transactions in GIS, 2007, 11, 597-619.	2.3	10
69	Modelling Spatial Fragmentation of the Brisbane Housing Market. Urban Policy and Research, 2009, 27, 73-89.	1.3	10
70	Using a large scale urban model to test planning scenarios in the Brisbaneâ€South East Queensland region*. Regional Science Policy and Practice, 2012, 4, 373-392.	1.6	10
71	Mapping spatial patterns of bus usage under varying local temperature conditions. Journal of Maps, 2017, 13, 74-81.	2.0	10
72	Contemporary parking policy, practice, and outcomes in three large Australian cities. Progress in Planning, 2021, 153, 100506.	4.3	10

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73	Investigating the Temporal Dynamics of Tourist Movement: An Application of Circular Statistics. Tourism Analysis, 2010, 15, 71-88.	0.9	9
74	Evaluating the effects of Australian policy changes on human capital: the role of a graduate visa scheme. Environment and Planning C: Urban Analytics and City Science, 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. IET Intelligent Transport Systems, 2018, 12, 976-985.	3.0	9
77	Crime and bus stops: An examination using transit smart card and crime data. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 706-723.	2.0	9
78	Testing dasymetric techniques to spatially disaggregate the regional population forecasts for South East Queensland. Journal of Spatial Science, 2011, 56, 203-221.	1.5	8
79	Examining spatio-temporal patterns, drivers and trends of residential fires in South East Queensland, Australia. Disaster Prevention and Management, 2018, 27, 586-603.	1.2	8
80	High skilled immigration and the occupational choices of native workers: the case of Australia. Oxford Economic Papers, 2020, 72, 585-605.	1.2	8
81	Data Clustering and Rule Abduction to Facilitate Crime Hot Spot Prediction. Lecture Notes in Computer Science, 2001, , 807-821.	1.3	6
82	Trapped in Jobless Household Areas: the spatio-temporal dynamics of children in jobless households in metropolitan Australia. Australian Geographer, 2010, 41, 367-389.	1.7	6
83	The Girl on the Bus: Familiar Faces in Daily Travel and Their Implications for Crime Protection. Annals of the American Association of Geographers, 2020, , 1-18.	2.2	6
84	Neighbourhood places, collective efficacy and crime: A longitudinal perspective. Urban Studies, 2022, 59, 789-809.	3.7	6
85	Integrating Undergraduate Fieldwork into the Study of Human Mobility. Australian Geographer, 2014, 45, 505-519.	1.7	5
86	Wander: A Smartphone App for Sensing Sociability. Applied Spatial Analysis and Policy, 2018, 11, 537-556.	2.0	5
87	Has the decline in the intensity of internal migration been accompanied by changes in reasons for migration?. Journal of Population Research, 0, , .	1.1	5
88	Spatially Disaggregating Employment Growth Estimates. International Regional Science Review, 2011, 34, 138-156.	2.1	4
89	Not all those who Wander are lost: exploring human mobility using a smartphone application. Australian Geographer, 2018, 49, 317-333.	1.7	4
90	Understanding â€˜segmented assimilationâ€™ in Australian cities: Modelling the residential choices of mainland China-, Hong Kong- and Taiwan-born migrants. Applied Geography, 2018, 99, 140-153.	3.7	4

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91	Modelling the spatial dynamics of Mainland China-born migrants in Australia. Australian Geographer, 2019, 50, 201-219.	1.7	4
92	The Effect of Weather on Assault. Environment and Behavior, 0, , 001391652110146.	4.7	4
93	Locational patterns of new graduate employment and regional economic performance in Australia. International Journal of Foresight and Innovation Policy, 2011, 7, 44.	0.2	3
94	Mapping spatial flows over time: a case study using journey-to-work data. Journal of Spatial Science, 2013, 58, 147-159.	1.5	3
95	Using routine activity theory to inform a conceptual understanding of the geography of fire events. Geoforum, 2016, 75, 180-185.	2.5	3
96	Mapping cities by transit riders' trajectories: The case of Brisbane, Australia. Environment and Planning A, 2017, 49, 1707-1709.	3.6	3
97	Transport-related walking among young adults: when and why?. BMC Public Health, 2020, 20, 244.	2.9	3
98	Simulating the impact of developers' capital possession on urban development across a megacity: An agent-based approach. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 376-391.	2.0	3
99	Equity of public transport costs before and after a fare policy reform: An empirical evaluation using smartcard data. Transportation Research, Part A: Policy and Practice, 2021, 144, 104-118.	4.2	3
100	Forty years of internal migration in Australian regions: a sequence analysis of net migration, turnover, and retention. Australian Geographer, 2021, 52, 425-452.	1.7	3
101	Spatial Mobility Patterns of Overseas Graduates in Australia. Applied Demography Series, 2016, , 175-195.	0.1	2
102	A Toolkit for Measuring Visitation in Third Places. Applied Spatial Analysis and Policy, 2021, 14, 547-562.	2.0	2
103	State of the Art and Future Challenges of Interregional Migration Empirical Research in Oceania. Advances in Spatial Science, 2018, , 125-147.	0.6	2
104	Spatial variations in cycling dissonance: The case of commuting in Greater Brisbane. International Journal of Sustainable Transportation, 2022, 16, 754-773.	4.1	2
105	Investigating the Ipswich to Brisbane commuting pattern: A quantitative approach. Australian Planner, 2009, 46, 40-46.	1.1	1
106	Graphical tools for conditional probabilistic exploration of multivariate spatial datasets. Computers, Environment and Urban Systems, 2012, 36, 359-370.	7.1	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 'the career aspirations and expectations of geography students'. Geographical Research, 2018, 56, 479-483.	1.8	1

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109	Living Near Violence and Feeling Safe: What is the Role of Active Guardianship in the Home Territory?. Journal of Quantitative Criminology, 2022, 38, 105-126.	2.9	1
110	Using WeChat Data to Understand Residential Mobility of Mainland China-Born Migrants in Australia: A Segmented Assimilation Perspective. Applied Spatial Analysis and Policy, 2021, 14, 703-729.	2.0	1
111	Contemporary Applications For Spatially Integrated Social Science. Applied Spatial Analysis and Policy, 2021, 14, 445-447.	2.0	1
112	Airbnb and microâ€entrepreneurship in regional economies: Lessons from Australia. Geographical Research, 0, , .	1.8	1
113	Migration and Human Capital: The Role of Education in Interregional Migration: The Australian Case. Footprints of Regional Science, 2021, , 247-267.	0.3	1
114	Capturing temporary populations: assessing the utility of Facebook in the 2019 flood in Townsville, Australia. Australian Population Studies, 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 â€˜Greenâ€™ Bridge on Travel to the University of Queensland, Australia. Urban Policy and Research, 2015, 33, 61-78.	1.3	0
117	Forecasting Patterns of Metropolitan Growth Using an Optimised Allocation Procedure. Applied Demography Series, 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. Land Use Policy, 2020, 91, 104425.	5.6	0
120	Introduction to the census questions special issue. Australian Population Studies, 2021, 5, 1-2.	0.6	0
121	The journey to education. Australian Population Studies, 2021, 5, 26-33.	0.6	0
122	A season for complaints: how does weather affect noise complaints between neighbours?. Weather, Climate, and Society, 2021, , .	1.1	0
123	Unveiling the relationship between land use types and the temporal signals of crime: An empirical decomposition approach. Environment and Planning B: Urban Analytics and City Science, 0, , 239980832110333.	2.0	0
124	Visualization of Predictive Distributions for Discrete Spatial-Temporal Log Cox Processes Approximated with MCMC. Lecture Notes in Computer Science, 2012, , 286-293.	1.3	0
125	Visual Data Mining Methods for Kernel Smoothed Estimates of Cox Processes. Lecture Notes in Computer Science, 2013, , 83-94.	1.3	0
126	Career Moves: Migration Histories of Selected Regional Workforces in Bendigo, Australia. Advances in Spatial Science, 2018, , 311-331.	0.6	0

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127	The Changing Composition and Fortunes of Overseas Graduates in Australia: The Case of Chinese and Indian Graduates. New Frontiers in Regional Science: Asian Perspectives, 2020, , 201-220.	0.2	0
128	A data fusion approach to the estimation of temporary populations: An application to Australia. PLoS ONE, 2021, 16, e0259377.	2.5	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. Environment and Planning B: Urban Analytics and City Science, 0, , 239980832211129.	2.0	0