

Antonio Paez

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

6,738
citations

66343

42
h-index

71685

76
g-index

148
all docs

148
docs citations

148
times ranked

4621
citing authors

#	ARTICLE	IF	CITATIONS
1	A spatial modeling approach to estimating bike share traffic volume from GPS data. <i>Sustainable Cities and Society</i> , 2022, 76, 103401.	10.4	13
2	Reproducibility of Research During COVID-19: Examining the Case of Population Density and the Basic Reproductive Rate from the Perspective of Spatial Analysis. <i>Geographical Analysis</i> , 2022, 54, 860-880.	3.5	10
3	Examining equity in accessibility to bike share: A balanced floating catchment area approach. <i>Transportation Research, Part D: Transport and Environment</i> , 2022, 102, 103091.	6.8	13
4	Reliability of the Reflective Learning Framework for Assessing Higher-Order Thinking in Geography and Sustainability Courses. <i>Journal of Geography</i> , 2022, 121, 18-33.	1.5	0
5	2021 JGS best paper award and the editors' choice paper volume 24(1). <i>Journal of Geographical Systems</i> , 2022, 24, 1-4.	3.1	0
6	Accessibility to primary care physicians: Comparing floating catchments with a utility-based approach. <i>Journal of Transport Geography</i> , 2022, 101, 103356.	5.0	8
7	A Spatio-Temporal Analysis of the Environmental Correlates of COVID-19 Incidence in Spain. <i>Geographical Analysis</i> , 2021, 53, 397-421.	3.5	98
8	Student perceptions of reflection and the acquisition of higher-order thinking skills in a university sustainability course. <i>Journal of Geography in Higher Education</i> , 2021, 45, 108-127.	2.6	6
9	2020 JGS Best Paper Award and the Editors' Choice Paper Volume 23(1). <i>Journal of Geographical Systems</i> , 2021, 23, 1-6.	3.1	0
10	Do drivers dream of walking? An investigation of travel mode dissonance from the perspective of affective values. <i>Journal of Transport and Health</i> , 2021, 20, 101015.	2.2	7
11	Geographic access to COVID-19 healthcare in Brazil using a balanced float catchment area approach. <i>Social Science and Medicine</i> , 2021, 273, 113773.	3.8	52
12	Exploring the determinants of older adults' susceptibility to pedestrians' incidents. <i>Accident Analysis and Prevention</i> , 2021, 155, 106100.	5.7	9
13	Going through a little bit of growing pains: A qualitative study of the factors that influence the route choice of regular bicyclists in a developing cycling city. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2021, 81, 431-444.	3.7	21
14	Using environmental audits and photo-journeys to compare objective attributes and bicyclists' perceptions of bicycle routes. <i>Journal of Transport and Health</i> , 2021, 22, 101092.	2.2	9
15	Built for active travel? Investigating the contextual effects of the built environment on transportation mode choice. <i>Journal of Transport Geography</i> , 2021, 96, 103158.	5.0	23
16	A Spatio-Temporal Analysis of the Environmental Correlates of COVID-19 Incidence in Spain. , 2021, 53, 397.		1
17	Changes in accessibility to emergency and community food services during COVID-19 and implications for low income populations in Hamilton, Ontario. <i>Social Science and Medicine</i> , 2021, 291, 114442.	3.8	11
18	Open spatial sciences: an introduction. <i>Journal of Geographical Systems</i> , 2021, 23, 467-476.	3.1	10

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19	Comparing distance, time, and metabolic energy cost functions for walking accessibility in infrastructure-poor regions. <i>Journal of Transport Geography</i> , 2020, 82, 102564.	5.0	24
20	How do the perceptions of neighborhood conditions impact active transportation? A study in Rajshahi, Bangladesh. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 87, 102525.	6.8	13
21	Spatial patterns of mortality in the United States: A spatial filtering approach. <i>Insurance: Mathematics and Economics</i> , 2020, 95, 28-38.	1.2	4
22	A systematic assessment of the use of opponent variables, data subsetting and hierarchical specification in two-party crash severity analysis. <i>Accident Analysis and Prevention</i> , 2020, 144, 105666.	5.7	2
23	Toll roads vs. Public transportation: A study on the acceptance of congestion-calming measures in Madrid. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 142, 319-342.	4.2	11
24	Ambient Population and Larceny-Theft: A Spatial Analysis Using Mobile Phone Data. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 342.	2.9	26
25	Betweenness-accessibility: Estimating impacts of accessibility on networks. <i>Journal of Transport Geography</i> , 2020, 84, 102680.	5.0	22
26	Time, space, money, and social interaction: Using machine learning to classify people's mobility strategies through four key dimensions. <i>Travel Behaviour & Society</i> , 2020, 20, 1-11.	5.0	12
27	Demand and level of service inflation in Floating Catchment Area (FCA) methods. <i>PLoS ONE</i> , 2019, 14, e0218773.	2.5	39
28	Welcome to a New Editor-in-Chief. <i>Journal of Geographical Systems</i> , 2019, 21, 451-452.	3.1	0
29	Individual and geographic variations in the propensity to travel by active modes in Vitoria-Gasteiz, Spain. <i>Journal of Transport Geography</i> , 2019, 76, 103-113.	5.0	17
30	Measuring relative non-motorized accessibility to retail activities. <i>International Journal of Sustainable Transportation</i> , 2019, 13, 639-651.	4.1	24
31	Using Spatial Filters and Exploratory Data Analysis to Enhance Regression Models of Spatial Data. <i>Geographical Analysis</i> , 2019, 51, 314-338.	3.5	13
32	Inducing non-orthogonal and non-linear decision boundaries in decision trees via interactive basis functions. <i>Expert Systems With Applications</i> , 2019, 122, 183-206.	7.6	12
33	Development of a New Framework to Guide, Assess, and Evaluate Student Reflections in a University Sustainability Course. <i>Teaching and Learning Inquiry</i> , 2019, 7, 55-77.	0.4	6
34	Transportation where people leave: An introduction. <i>Advances in Transport Policy and Planning</i> , 2018, , 1-14.	1.5	5
35	Persistence of Crime Hot Spots: An Ordered Probit Analysis. <i>Geographical Analysis</i> , 2017, 49, 3-22.	3.5	14
36	Vulnerability of nodes under controlled network topology and flow autocorrelation conditions. <i>Journal of Transport Geography</i> , 2017, 59, 77-87.	5.0	37

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37	Built environment and violent crime: An environmental audit approach using Google Street View. Computers, Environment and Urban Systems, 2017, 66, 83-95.	7.1	75
38	Spatial clustering of high-tech manufacturing and knowledge-intensive service firms in the Greater Toronto Area. Canadian Geographer / Géographie Canadien, 2017, 61, 240-252.	1.5	20
39	Accessibility to urban green spaces in Chilean cities using adaptive thresholds. Journal of Transport Geography, 2016, 57, 227-240.	5.0	71
40	A note on the SG(m) test. Journal of Geographical Systems, 2016, 18, 87-96.	3.1	2
41	An investigation of the attributes of walkable environments from the perspective of seniors in Montreal. Journal of Transport Geography, 2016, 51, 85-96.	5.0	41
42	Gender and commuting time in São Paulo Metropolitan Region. Urban Studies, 2015, 52, 298-313.	3.7	46
43	Temporal stability of model parameters in crime rate analysis: An empirical examination. Applied Geography, 2015, 58, 141-152.	3.7	16
44	Travel behavior of low income older adults and implementation of an accessibility calculator. Journal of Transport and Health, 2015, 2, 257-268.	2.2	17
45	Trip Generation of Seniors and the Geography of Walking in Montreal. Environment and Planning A, 2015, 47, 957-976.	3.6	25
46	Location-Aware Scheduling and Control of Linear Projects: Introducing Space-Time Float Prisms. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	3.8	7
47	Social interactions in transportation: analyzing groups and spatial networks. Transportation, 2015, 42, 723-731.	4.0	14
48	Testing for Spatial Independence Using Similarity Relations. Geographical Analysis, 2015, 47, 97-120.	3.5	6
49	Building obesity in Canada: understanding the individual- and neighbourhood-level determinants using a multi-level approach. Geospatial Health, 2014, 9, 45.	0.8	9
50	A Bayesian approach to hedonic price analysis. Papers in Regional Science, 2014, 93, 663-684.	1.9	25
51	Assessing social equity in distance based transit fares using a model of travel behavior. Transportation Research, Part A: Policy and Practice, 2014, 67, 291-303.	4.2	51
52	Compliance potential mapping: a tool to assess potential contributions of walking towards physical activity guidelines. BMC Public Health, 2014, 14, 511.	2.9	12
53	Walking accessibility to urban parks by children: A case study of Montreal. Landscape and Urban Planning, 2014, 125, 38-47.	7.5	145
54	Micro-geography of segregation: evidence from historical US census data. , 2014, , 91-110.		1

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55	Driving out of choices: An investigation of transport modality in a university sample. <i>Transportation Research, Part A: Policy and Practice</i> , 2013, 57, 37-46.	4.2	32
56	Jobs and the Single Parent: An Analysis of Accessibility to Employment in Toronto. <i>Urban Geography</i> , 2013, 34, 815-842.	3.0	19
57	Mapping travelers' attitudes: does space matter?. <i>Journal of Transport Geography</i> , 2013, 26, 117-125.	5.0	19
58	Developing a web-based accessibility calculator prototype for the Greater Montreal Area. <i>Transportation Research, Part A: Policy and Practice</i> , 2013, 58, 103-115.	4.2	18
59	Development of an indicator to assess the spatial fit of discrete choice models. <i>Transportation Research Part B: Methodological</i> , 2013, 56, 217-233.	5.9	13
60	Mode choice of university students commuting to school and the role of active travel. <i>Journal of Transport Geography</i> , 2013, 31, 132-142.	5.0	203
61	Mode use and trip length of seniors in Montreal. <i>Journal of Transport Geography</i> , 2013, 30, 89-99.	5.0	90
62	Exploring resource allocation and alternate clinic accessibility landscapes for improved blood donor turnout. <i>Applied Geography</i> , 2013, 45, 89-97.	3.7	11
63	Using Synthetic Variables in Instrumental Variable Estimation of Spatial Series Models. <i>Environment and Planning A</i> , 2013, 45, 2227-2242.	3.6	23
64	Spatio-Temporal Progress Estimation for Highway Construction. , 2013, , .		1
65	Measuring Ethnic Clustering and Exposure with the Q_i Statistic: An Exploratory Analysis of Irish, Germans, and Yankees in 1880 Newark. <i>Annals of the American Association of Geographers</i> , 2012, 102, 84-102.	3.0	20
66	Urban Mobility and Social-Spatial Contact-Introduction. <i>Environment and Planning A</i> , 2012, 44, 1011-1015.	3.6	10
67	Activity Spaces and the Measurement of Clustering and Exposure: A Case Study of Linguistic Groups in Montreal. <i>Environment and Planning A</i> , 2012, 44, 315-332.	3.6	54
68	Investigating the Effects of Social Influence on the Choice to Telework. <i>Environment and Planning A</i> , 2012, 44, 1016-1031.	3.6	49
69	T-communities and Sense of Community in a University Town: Evidence from a Student Sample using a Spatial Ordered-response Model. <i>Urban Studies</i> , 2012, 49, 1357-1376.	3.7	21
70	Comparison of thematic maps using symbolic entropy. <i>International Journal of Geographical Information Science</i> , 2012, 26, 413-439.	4.8	14
71	Participation and desire: leisure activities among Canadian adults with disabilities. <i>Transportation</i> , 2012, 39, 1055-1078.	4.0	32
72	Measuring accessibility: positive and normative implementations of various accessibility indicators. <i>Journal of Transport Geography</i> , 2012, 25, 141-153.	5.0	469

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73	Explaining transport mode use of low-income persons for journey to work in urban areas: a case study of Ontario and Quebec. <i>Transportmetrica</i> , 2012, 8, 157-179.	1.8	30
74	Transportation infrastructure impacts on firm location: the effect of a new metro line in the suburbs of Madrid. <i>Journal of Transport Geography</i> , 2012, 22, 236-250.	5.0	90
75	A model-based approach to select case sites for walkability audits. <i>Health and Place</i> , 2012, 18, 1323-1334.	3.3	42
76	Modeling isoexposure to transit users for market potential analysis. <i>Transportation Research, Part A: Policy and Practice</i> , 2012, 46, 1517-1527.	4.2	5
77	Accessibility to transit, by transit, and mode share: application of a logistic model with spatial filters. <i>Journal of Transport Geography</i> , 2012, 24, 198-205.	5.0	105
78	Forecasting Ontario's blood supply and demand. <i>Transfusion</i> , 2012, 52, 366-374.	1.6	74
79	Individual and contextual determinants of blood donation frequency with a focus on clinic accessibility: A case study of Toronto, Canada. <i>Health and Place</i> , 2012, 18, 424-433.	3.3	27
80	Infant mortality in Brazil, 1980-2000: A spatial panel data analysis. <i>BMC Public Health</i> , 2012, 12, 181.	2.9	31
81	Local Weighting Matrices or the Necessity of Flexibility. <i>Advances in Spatial Science</i> , 2012, , 193-212.	0.6	0
82	Neighborhood and Efficiency in Manufacturing in Brazilian Regions. <i>International Regional Science Review</i> , 2011, 34, 397-418.	2.1	17
83	Distance traveled in three Canadian cities: Spatial analysis from the perspective of vulnerable population segments. <i>Journal of Transport Geography</i> , 2011, 19, 39-50.	5.0	157
84	Running to stay in place: the time-use implications of automobile oriented land-use and travel. <i>Journal of Transport Geography</i> , 2011, 19, 782-793.	5.0	53
85	Transportation and social interactions. <i>Transportation Research, Part A: Policy and Practice</i> , 2011, 45, 239-247.	4.2	40
86	Why do you care what other people think? A qualitative investigation of social influence and telecommuting. <i>Transportation Research, Part A: Policy and Practice</i> , 2011, 45, 269-282.	4.2	51
87	Geodemographic analysis and the identification of potential business partnerships enabled by transit smart cards. <i>Transportation Research, Part A: Policy and Practice</i> , 2011, 45, 640-652.	4.2	30
88	Mobility Without Accessibility: The Case of Car Use and Discretionary Activities. , 2011, , 89-105.		4
89	Analysis of House Prices to Assess Economic Impacts of New Public Transport Infrastructure. <i>Transportation Research Record</i> , 2011, 2245, 131-139.	1.9	35
90	A time-use investigation of shopping participation in three Canadian cities: is there evidence of social exclusion?. <i>Transportation</i> , 2011, 38, 17-44.	4.0	44

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91	A Simulation-Based Study of Geographically Weighted Regression as a Method for Investigating Spatially Varying Relationships. <i>Environment and Planning A</i> , 2011, 43, 2992-3010.	3.6	176
92	Testing for spatial association of qualitative data using symbolic dynamics. <i>Journal of Geographical Systems</i> , 2010, 12, 281-309.	3.1	41
93	Trip generation of vulnerable populations in three Canadian cities: a spatial ordered probit approach. <i>Transportation</i> , 2010, 37, 525-548.	4.0	89
94	Employment status and commute distance of Canadians with disabilities. <i>Transportation</i> , 2010, 37, 931-952.	4.0	29
95	Accessibility to health care facilities in Montreal Island: an application of relative accessibility indicators from the perspective of senior and non-senior residents. <i>International Journal of Health Geographics</i> , 2010, 9, 52.	2.5	138
96	Spatial analysis in Canada: introduction. <i>Canadian Geographer / Géographie Canadien</i> , 2010, 54, 1-3.	1.5	0
97	Relative Accessibility Deprivation Indicators for Urban Settings: Definitions and Application to Food Deserts in Montreal. <i>Urban Studies</i> , 2010, 47, 1415-1438.	3.7	203
98	Geographically Weighted Regression. , 2010, , 461-486.		99
99	Road accessibility and cohesion in lagging regions: Empirical evidence from Portugal based on spatial econometric models. <i>Journal of Transport Geography</i> , 2010, 18, 125-132.	5.0	44
100	Transport policy and the provision of mobility options in an aging society: a case study of Ontario, Canada. <i>Journal of Transport Geography</i> , 2010, 18, 649-661.	5.0	51
101	The mobility of older people – an introduction. <i>Journal of Transport Geography</i> , 2010, 18, 591-595.	5.0	138
102	Enjoyment of commute: A comparison of different transportation modes. <i>Transportation Research, Part A: Policy and Practice</i> , 2010, 44, 537-549.	4.2	126
103	Topology, Dependency Tests and Estimation Bias in Network Autoregressive Models. <i>Advances in Spatial Science</i> , 2010, , 29-57.	0.6	4
104	Geographically-Weighted Regression. , 2009, , 75-81.		0
105	Estimating commercial property prices: an application of cokriging with housing prices as ancillary information. <i>Journal of Geographical Systems</i> , 2009, 11, 407-425.	3.1	17
106	Recent research in spatial real estate hedonic analysis. <i>Journal of Geographical Systems</i> , 2009, 11, 311-316.	3.1	23
107	Geographical variations in the correlates of blood donor turnout rates: An investigation of Canadian metropolitan areas. <i>International Journal of Health Geographics</i> , 2009, 8, 56.	2.5	31
108	Spatial analysis of economic systems and land use change. <i>Papers in Regional Science</i> , 2009, 88, 251-258.	1.9	10

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109	Topology and Dependency Tests in Spatial and Network Autoregressive Models. <i>Geographical Analysis</i> , 2009, 41, 158-180.	3.5	51
110	New Insights into Senior Travel Behavior: The Canadian Experience. <i>Growth and Change</i> , 2009, 40, 140-168.	2.6	59
111	IMPACT: An integrated GIS-based model for simulating the consequences of demographic changes and population ageing on transportation. <i>Computers, Environment and Urban Systems</i> , 2009, 33, 200-210.	7.1	17
112	Determinants of distance traveled with a focus on the elderly: a multilevel analysis in the Hamilton CMA, Canada. <i>Journal of Transport Geography</i> , 2009, 17, 65-76.	5.0	157
113	My car, my friends, and me: a preliminary analysis of automobility and social activity participation. <i>Journal of Transport Geography</i> , 2009, 17, 216-225.	5.0	104
114	A Demographic Model for Small Area Population Projections: An Application to the Census Metropolitan Area of Hamilton in Ontario, Canada. <i>Environment and Planning A</i> , 2009, 41, 964-979.	3.6	11
115	Weight matrices for social influence analysis: An investigation of measurement errors and their effect on model identification and estimation quality. <i>Social Networks</i> , 2008, 30, 309-317.	2.1	38
116	Moving Window Approaches for Hedonic Price Estimation: An Empirical Comparison of Modelling Techniques. <i>Urban Studies</i> , 2008, 45, 1565-1581.	3.7	128
117	Social Networks, Choices, Mobility, and Travel. <i>Environment and Planning B: Planning and Design</i> , 2008, 35, 956-960.	1.7	58
118	Simulation Framework for Analysis of Elderly Mobility Policies. <i>Transportation Research Record</i> , 2008, 2078, 62-71.	1.9	7
119	A Discrete-Choice Approach to Modeling Social Influence on Individual Decision Making. <i>Environment and Planning B: Planning and Design</i> , 2008, 35, 1055-1069.	1.7	101
120	Social Influence on Travel Behavior: A Simulation Example of the Decision to Telecommute. <i>Environment and Planning A</i> , 2007, 39, 647-665.	3.6	145
121	Elderly Mobility: Demographic and Spatial Analysis of Trip Making in the Hamilton CMA, Canada. <i>Urban Studies</i> , 2007, 44, 123-146.	3.7	153
122	Spatial perspectives on urban systems: developments and directions. <i>Journal of Geographical Systems</i> , 2007, 9, 1-6.	3.1	18
123	A systematic investigation of cross-validation in GWR model estimation: empirical analysis and Monte Carlo simulations. <i>Journal of Geographical Systems</i> , 2007, 9, 371-396.	3.1	150
124	Exploring contextual variations in land use and transport analysis using a probit model with geographical weights. <i>Journal of Transport Geography</i> , 2006, 14, 167-176.	5.0	73
125	Nonstationary Spatial Interpolation Method for Urban Model Development. <i>Transportation Research Record</i> , 2006, 1977, 103-111.	1.9	4
126	Nonstationary Spatial Interpolation Method for Urban Model Development. <i>Transportation Research Record</i> , 2006, 1977, 103-111.	1.9	6

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127	Local Analysis of Spatial Relationships: A Comparison of GWR and the Expansion Method. Lecture Notes in Computer Science, 2005, , 162-172.	1.3	21
128	Travel behavior within Canada's older population: a cohort analysis. Journal of Transport Geography, 2005, 13, 340-351.	5.0	172
129	Spatial statistics for urban analysis: A review of techniques with examples. Geo Journal, 2005, 61, 53.	3.1	8
130	Network Accessibility and the Spatial Distribution of Economic Activity in Eastern Asia. Urban Studies, 2004, 41, 2211-2230.	3.7	30
131	Anisotropic Variance Functions in Geographically Weighted Regression Models. Geographical Analysis, 2004, 36, 299-314.	3.5	28
132	Spatial statistics for urban analysis: A review of techniques with examples. Geo Journal, 2004, 61, 53-67.	3.1	221
133	Discrete Choice Model with Structuralized Spatial Effects for Location Analysis. Transportation Research Record, 2004, 1898, 183-190.	1.9	40
134	Spatial statistics for urban analysis: A review of techniques with examples. Geo Journal, 2004, 61, 53-67.	3.1	54
135	Anisotropic Variance Functions in Geographically Weighted Regression Models. Geographical Analysis, 2004, 36, 299-314.	3.5	9
136	Sustainable Urban Transportation: Performance Indicators and Some Analytical Approaches. Journal of the Urban Planning and Development Division, ASCE, 2002, 128, 184-209.	1.7	190
137	A General Framework for Estimation and Inference of Geographically Weighted Regression Models: 1. Location-Specific Kernel Bandwidths and a Test for Locational Heterogeneity. Environment and Planning A, 2002, 34, 733-754.	3.6	150
138	A General Framework for Estimation and Inference of Geographically Weighted Regression Models: 2. Spatial Association and Model Specification Tests. Environment and Planning A, 2002, 34, 883-904.	3.6	100
139	Spatial Association and Heterogeneity Issues in Land Price Models. Urban Studies, 2001, 38, 1493-1508.	3.7	76
140	Spatial Patterns of Mortality in the United States: A Spatial Filtering Approach. SSRN Electronic Journal, 0, , .	0.4	0
141	The Accessibility Implications of a Pilot COVID-19 Vaccination Program in Hamilton, Ontario. Findings, 0, , .	0.0	3
142	Correlates of bicycling trip flows in Hamilton, Ontario: fastest, quietest, or balanced routes?. Transportation, 0, , 1.	4.0	8
143	Using Google Community Mobility Reports to investigate the incidence of COVID-19 in the United States. Findings, 0, , .	0.0	19
144	Changes in Trip-making Frequency by Mode during COVID-19. Findings, 0, , .	0.0	12