

Guangqing Chi

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,986
citations

236612

25
h-index

276539

41
g-index

77
all docs

77
docs citations

77
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Regression Models for Demographic Analysis. <i>Population Research and Policy Review</i> , 2008, 27, 17-42.	1.0	189
2	The spatial association of ecosystem services with land use and land cover change at the county level in China, 1995–2015. <i>Science of the Total Environment</i> , 2019, 669, 459-470.	3.9	185
3	The spatial aspect of ecosystem services balance and its determinants. <i>Land Use Policy</i> , 2020, 90, 104263.	2.5	83
4	The Impacts of Highway Expansion on Population Change: An Integrated Spatial Approach. <i>Rural Sociology</i> , 2010, 75, 58-89.	1.1	74
5	Urbanization and ecosystem services: The multi-scale spatial spillover effects and spatial variations. <i>Land Use Policy</i> , 2022, 114, 105964.	2.5	69
6	The impacts of population and agglomeration development on land use intensity: New evidence behind urbanization in China. <i>Land Use Policy</i> , 2020, 95, 104639.	2.5	67
7	Population stress: A spatiotemporal analysis of population change and land development at the county level in the contiguous United States, 2001–2011. <i>Land Use Policy</i> , 2018, 70, 128-137.	2.5	62
8	Identifying the critical riparian buffer zone with the strongest linkage between landscape characteristics and surface water quality. <i>Ecological Indicators</i> , 2018, 93, 741-752.	2.6	62
9	The Impacts of Transport Accessibility on Population Change across Rural, Suburban and Urban Areas: A Case Study of Wisconsin at Sub-county Levels. <i>Urban Studies</i> , 2012, 49, 2711-2731.	2.2	59
10	Impact of the COVID-19 Pandemic on Chlamydia and Gonorrhea Screening in the U.S.. <i>American Journal of Preventive Medicine</i> , 2021, 61, 386-393.	1.6	59
11	Gasoline prices and traffic safety in Mississippi. <i>Journal of Safety Research</i> , 2010, 41, 493-500.	1.7	50
12	Abandoned rural residential land: Using machine learning techniques to identify rural residential land vulnerable to be abandoned in mountainous areas. <i>Habitat International</i> , 2019, 84, 43-56.	2.3	50
13	Spatiotemporal analysis of regional socio-economic vulnerability change associated with heat risks in Canada. <i>Applied Geography</i> , 2018, 95, 61-70.	1.7	48
14	Natural amenities and their effects on migration along the urban–rural continuum. <i>Annals of Regional Science</i> , 2013, 50, 861-883.	1.0	44
15	Ecosystem Services and Their Driving Forces in the Middle Reaches of the Yangtze River Urban Agglomerations, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3717.	1.2	42
16	Can knowledge improve population forecasts at subcounty levels?. <i>Demography</i> , 2009, 46, 405-427.	1.2	40
17	Energy choices in Alaska: Mining people's perception and attitudes from geotagged tweets. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 124, 109781.	8.2	40
18	Isolating the Effect of Natural Amenities on Population Change at the Local Level. <i>Regional Studies</i> , 2011, 45, 491-505.	2.5	36

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19	The impact of gasoline price changes on traffic safety: a time geography explanation. <i>Journal of Transport Geography</i> , 2013, 28, 1-11.	2.3	34
20	Gasoline prices and their relationship to drunk-driving crashes. <i>Accident Analysis and Prevention</i> , 2011, 43, 194-203.	3.0	33
21	Rethinking Highway Effects on Population Change. <i>Public Works Management Policy</i> , 2006, 11, 18-32.	0.7	32
22	Highways and Population Change*. <i>Rural Sociology</i> , 2006, 71, 33-58.	1.1	31
23	Sustainable Transport Planning: Estimating the Ecological Footprint of Vehicle Travel in Future Years. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2005, 131, 170-180.	0.8	30
24	Small-area population forecasting: borrowing strength across space and time. <i>Population, Space and Place</i> , 2011, 17, 505-520.	1.2	30
25	Different places, different stories: A study of the spatial heterogeneity of county-level fertility in China. <i>Demographic Research</i> , 2017, 37, 493-526.	2.0	30
26	Gasoline price effects on traffic safety in urban and rural areas: Evidence from Minnesota, 1998-2007. <i>Safety Science</i> , 2013, 59, 154-162.	2.6	28
27	Gasoline Prices and Traffic Crashes in Alabama, 1999-2009. <i>Traffic Injury Prevention</i> , 2012, 13, 476-484.	0.6	26
28	Land Developability: Developing an Index of Land Use and Development for Population Research. <i>Journal of Maps</i> , 2010, 6, 609-617.	1.0	22
29	In-migration to remote rural regions: The relative impacts of natural amenities and land developability. <i>Landscape and Urban Planning</i> , 2013, 117, 22-31.	3.4	22
30	Untangle the Complex Stakeholder Relationships in Rural Settlement Consolidation in China: A Social Network Approach. <i>Land</i> , 2020, 9, 210.	1.2	22
31	Urbanization and Land Use Change: A Human Ecology of Deforestation Across the United States, 2001-2006. <i>Sociological Inquiry</i> , 2015, 85, 628-653.	1.4	19
32	Spatiotemporal variations of land use intensity and its driving forces in China, 2000-2010. <i>Regional Environmental Change</i> , 2019, 19, 2583-2596.	1.4	19
33	Small-area population forecasting in an urban setting: a spatial regression approach. <i>Journal of Population Research</i> , 2011, 28, 185-201.	0.6	18
34	A multi-modal approach towards mining social media data during natural disasters - A case study of Hurricane Irma. <i>International Journal of Disaster Risk Reduction</i> , 2021, 54, 102032.	1.8	18
35	A general approach to detecting migration events in digital trace data. <i>PLoS ONE</i> , 2020, 15, e0239408.	1.1	18
36	An Integrated Framework of Population Change: Influential Factors, Spatial Dynamics, and Temporal Variation. <i>Growth and Change</i> , 2011, 42, 549-570.	1.3	16

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37	Safer Roads Owing to Higher Gasoline Prices: How Long It Takes. <i>American Journal of Public Health</i> , 2015, 105, e119-e125.	1.5	15
38	Spatial mismatch of ecosystem service demands and supplies in China, 2000â€“2020. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 295.	1.3	15
39	Design and implementation of a parallel geographically weighted k-nearest neighbor classifier. <i>Computers and Geosciences</i> , 2019, 127, 111-122.	2.0	14
40	Population Change and Its Driving Factors in Rural, Suburban, and Urban Areas of Wisconsin, USA, 1970â€“2000. <i>International Journal of Population Research</i> , 2011, 2011, 1-14.	0.7	13
41	Lost in the Black Belt South: health outcomes and transportation infrastructure. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 297.	1.3	12
42	Highway Expansion Effects on Urban Racial Redistribution in the Postâ€“Civil Rights Period. <i>Public Works Management Policy</i> , 2011, 16, 40-58.	0.7	11
43	Sociodemographics and access to organic and local food: A case study of New Orleans, Louisiana. <i>Cities</i> , 2018, 79, 141-150.	2.7	11
44	Neighbourhood built environment and walking behaviours: Evidence from the rural American South. <i>Indoor and Built Environment</i> , 2018, 27, 938-952.	1.5	11
45	The impact of spatial spillovers on interprovincial migration in China, 2005â€“10. <i>Regional Studies</i> , 2019, 53, 1125-1136.	2.5	11
46	Temporal and spatial trends and determinants of aggressive prostate cancer among Black and White men with prostate cancer. <i>Cancer Causes and Control</i> , 2020, 31, 63-71.	0.8	11
47	Small-Area Population Forecasting: A Geographically Weighted Regression Approach. <i>Applied Demography Series</i> , 2017, , 449-471.	0.1	11
48	Differentiation and progress of urban regionalization in China: Perspectives of land use and geography. <i>Applied Geography</i> , 2021, 137, 102600.	1.7	10
49	The Evolving and Complementary Impacts of Transportation Infrastructures on Population and Employment Change in the United States, 1970â€“2010. <i>Population Research and Policy Review</i> , 2018, 37, 1003-1029.	1.0	9
50	Remittances and household spending strategies: evidence from the Life in Kyrgyzstan Study, 2011â€“2013. <i>Journal of Ethnic and Migration Studies</i> , 2021, 47, 3015-3036.	1.9	9
51	Characterizing Peopleâ€™s Daily Activity Patterns in the Urban Environment: A Mobility Network Approach with Geographic Context-Aware Twitter Data. <i>Annals of the American Association of Geographers</i> , 0, , 1-21.	1.5	9
52	A spatial dynamic panel approach to modelling the space-time dynamics of interprovincial migration flows in China. <i>Demographic Research</i> , 0, 41, 913-948.	2.0	8
53	Does the mental health of migrant workers suffer from long commute time? Evidence from China. <i>Journal of Transport and Health</i> , 2020, 19, 100932.	1.1	7
54	Subway development and obesity: Evidence from China. <i>Journal of Transport and Health</i> , 2021, 21, 101065.	1.1	7

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55	Perceptions and barriers to walking in the rural South of the United States: The influence of neighborhood built environment on pedestrian behaviors. <i>Urban Design International</i> , 2015, 20, 255-273.	1.3	6
56	Rural counties chlamydia and gonorrhea rates in Pennsylvania among adolescents and young adults. <i>Annals of Epidemiology</i> , 2017, 27, 606-610.e2.	0.9	6
57	Evaluating the Representativeness in the Geographic Distribution of Twitter User Population. , 2018, , .		6
58	Estimating Transport Footprint along Highways at Local Levels: A Combination of Network Analysis and Kriging Methods. <i>International Journal of Sustainable Transportation</i> , 2013, 7, 261-273.	2.1	5
59	Are Gasoline Prices a Factor in Residential Relocation Decisions? Preliminary Findings from the American Housing Survey, 1996â€“2008. <i>Journal of Planning Education and Research</i> , 2017, 37, 334-346.	1.5	5
60	Spatial Regression Analysis of Poverty in R. <i>Spatial Demography</i> , 2019, 7, 113-147.	0.4	5
61	Error Measures for Trajectory Estimations With Geo-Tagged Mobility Sample Data. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019, 20, 2566-2583.	4.7	5
62	Exposure to anti-Black Lives Matter movement and obesity of the Black population. <i>Social Science and Medicine</i> , 2023, 316, 114265.	1.8	5
63	Do Airports Boost Economic Development by Attracting Talent? An Empirical Investigation at the Subcounty Level. <i>Social Science Quarterly</i> , 2018, 99, 313-329.	0.9	4
64	Natural Beauty, Money, and the Distribution of Talent: A Local-Level Panel Data Analysis. <i>Population Research and Policy Review</i> , 2012, 31, 665-681.	1.0	3
65	Intercity Passenger Rails: Facilitating the Spatial Spillover Effects of Population and Employment Growth in the United States, 2000â€“2010. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2018, 144, 04018037.	0.8	3
66	Future interstate highway system demands: Predictions based on population projections. <i>Case Studies on Transport Policy</i> , 2019, 7, 384-394.	1.1	3
67	Bride kidnapping and gendered labor migration: evidence from Kyrgyzstan. <i>Journal of Ethnic and Migration Studies</i> , 2022, 48, 2493-2514.	1.9	3
68	Bayesian Forecasting with a Regime-Switching Zero-Inflated Multilevel Poisson Regression Model: An Application to Adolescent Alcohol Use with Spatial Covariates. <i>Psychometrika</i> , 2022, , 1.	1.2	3
69	An evaluation of geo-located Twitter data for measuring human migration. <i>International Journal of Geographical Information Science</i> , 2022, 36, 1830-1852.	2.2	3
70	Mississippi's DUI Offender Intervention: 40 Years of Programming and Research. <i>Journal of Offender Rehabilitation</i> , 2013, 52, 138-155.	0.5	2
71	Population projection accuracy: The impacts of sociodemographics, accessibility, land use, and neighbour characteristics. <i>Population, Space and Place</i> , 2018, 24, e2129.	1.2	2
72	Transportation Infrastructures and Socioeconomic Statuses: A Spatial Regression Analysis at the County Level in the Continental United States, 1970â€“2010. <i>Spatial Demography</i> , 2019, 7, 27-56.	0.4	1

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73	The Temporal and Spatial Effect of Highways on China's Economic Growth. SSRN Electronic Journal, 2009, , .	0.4	0
74	Spatial Regression Analysis of Poverty in R. Spatial Demography, 2019, 7, 113-147.	0.0	0