Jianquan Cheng, ç¨‹å»ºæ•

List of Publications by Year
in descending order

45 papers	1,545 citations	394421 19 h-index	315739 38 g-index
46 all docs	46 docs citations	46 times ranked	1496 citing authors

#	Article	IF	Citations
1	Urban growth pattern modeling: a case study of Wuhan city, PR China. Landscape and Urban Planning, 2003, 62, 199-217.	7.5	369
2	Measuring urban job accessibility with distance decay, competition and diversity. Journal of Transport Geography, 2013, 30, 100-109.	5.0	98
3	Socio-spatial differentiation and residential segregation in the Chinese city based on the 2000 community-level census data: A case study of the inner city of Nanjing. Cities, 2014, 39, 109-119.	5.6	89
4	Effects of urbanization on energy efficiency in China: New evidence from short run and long run efficiency models. Energy Policy, 2020, 147, 111858.	8.8	82
5	Understanding Spatial and Temporal Processes of Urban Growth: Cellular Automata Modelling. Environment and Planning B: Planning and Design, 2004, 31, 167-194.	1.7	80
6	Using User-Generated Content to Explore the Temporal Heterogeneity in Tourist Mobility. Journal of Travel Research, 2018, 57, 779-791.	9.0	66
7	Spatial inequity in access to healthcare facilities at a county level in a developing country: a case study of Deqing County, Zhejiang, China. International Journal for Equity in Health, 2015, 14, 67.	3.5	59
8	Modelling dynamic impacts of urbanization on disaggregated energy consumption in China: A spatial Durbin modelling and decomposition approach. Energy Policy, 2019, 133, 110841.	8.8	57
9	Modelling Urban Growth Patterns: A Multiscale Perspective. Environment and Planning A, 2003, 35, 679-704.	3.6	55
10	Urban land administration and planning in China: Opportunities and constraints of spatial data models. Land Use Policy, 2006, 23, 604-616.	5.6	53
11	Understanding urban networks: Comparing a node-, a density- and an accessibility-based view. Cities, 2013, 31, 165-176.	5.6	53
12	Beyond Space: Spatial (Re)Production and Middleâ€Class Remaking Driven by Jiaoyufication in Nanjing City, China. International Journal of Urban and Regional Research, 2018, 42, 1-19.	2.4	43
13	Measuring Sustainable Accessibility. Transportation Research Record, 2007, 2017, 16-25.	1.9	35
14	Direct and Indirect Effects of Urbanization on Energy Intensity in Chinese Cities: A Regional Heterogeneity Analysis. Sustainability, 2019, 11, 3167.	3.2	32
15	The persistent and transient total factor carbon emission performance and its economic determinants: evidence from China's province-level panel data. Journal of Cleaner Production, 2021, 316, 128198.	9.3	29
16	Self-driving tourism induced carbon emission flows and its determinants in well-developed regions: A case study of Jiangsu Province, China. Journal of Cleaner Production, 2018, 186, 191-202.	9.3	27
17	Health-related quality of life of hospitalized COVID-19 survivors: An initial exploration in Nanning city, China. Social Science and Medicine, 2021, 274, 113748.	3.8	24
18	Analyzing regional economic development patterns in a fast developing province of China through geographically weighted principal component analysis. Letters in Spatial and Resource Sciences, 2016, 9, 233-245.	2.5	22

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19	Gated university campus and its implications for socio-spatial inequality: Evidence from students' accessibility to local public transport. Habitat International, 2018, 80, 11-27.	5.8	22
20	Real-Time Traffic Analysis using Deep Learning Techniques and UAV based Video. , 2019, , .		22
21	An Exploration of Spatial and Social Inequalities of Urban Sports Facilities in Nanning City, China. Sustainability, 2020, 12, 4353.	3.2	22
22	Exploring urban morphology using multi-temporal urban growth data: a case study of Wuhan, China. Asian Geographer, 2011, 28, 85-103.	1.0	18
23	Social differentiation and spatial mixture in a transitional city - Kunming in southwest China. Habitat International, 2017, 64, 11-21.	5.8	18
24	Scaling-up Strategy as an Appropriate Approach for Sustainable New Town Development? Lessons from Wujin, Changzhou, China. Sustainability, 2015, 7, 5682-5704.	3.2	17
25	Multi-scale issues in cross-border comparative analysis. Geoforum, 2013, 46, 138-148.	2.5	15
26	Modeling Thermal Comfort and Optimizing Local Renewal Strategiesâ€"A Case Study of Dazhimen Neighborhood in Wuhan City. Sustainability, 2015, 7, 3109-3128.	3.2	15
27	Spatial Interaction Modeling of OD Flow Data: Comparing Geographically Weighted Negative Binomial Regression (GWNBR) and OLS (GWOLSR). ISPRS International Journal of Geo-Information, 2019, 8, 220.	2.9	15
28	Lockdown urbanism: COVID-19 lifestyles and liveable futures opportunities in Wuhan and Manchester. Cities and Health, 2021, 5, S155-S158.	2.6	14
29	Modelling road congestion using ontologies for big data analytics in smart cities. , 2017, , .		13
30	Evolution of the Cultural Trade Network in â€œthe Belt and Roadâ€•Region: Implication for Global Cultural Sustainability. Sustainability, 2019, 11, 2744.	3.2	12
31	Comparing inter-migration within the European Union and China: An initial exploration. Migration Studies, 2014, 2, 340-368.	1.7	11
32	Location patterns of urban industry in Shanghai and implications for sustainability. Journal of Chinese Geography, 2017, 27, 857-878.	3.9	11
33	A temporally cyclic growth model of urban spatial morphology in China: Evidence from Kunming Metropolis. Urban Studies, 2019, 56, 1533-1553.	3.7	10
34	Geographically and temporally weighted co-location quotient: an analysis of spatiotemporal crime patterns in greater Manchester. International Journal of Geographical Information Science, 2022, 36, 918-942.	4.8	10
35	Urban Growth in a Rapidly Urbanized Mega City: Wuhan. Advances in Geographical and Environmental Sciences, 2015, , 301-322.	0.6	6
36	Assessment of Ecological Assets for Sustainable Regional Development: A Case Study of Deqing County, China. Sustainability, 2017, 9, 939.	3.2	5

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37	A Multiscale Flow-Focused Geographically Weighted Regression Modelling Approach and Its Application for Transport Flows on Expressways. Applied Sciences (Switzerland), 2019, 9, 4673.	2.5	4
38	Using multi-agent system for residential expansion models â€" A case study of Hongshan District, Wuhan City. Chinese Geographical Science, 2007, 17, 210-215.	3.0	3
39	Understanding Urban Growth: a Conceptual Model. International Journal of Urban Sciences, 2003, 7, 83-101.	2.8	2
40	Big Data Computation for Workshop-Based Planning Support. , 2015, , .		2
41	Big Data for Urban Studies: Opportunities and Challenges: A Comparative Perspective. , 2016, , .		2
42	Animating tree colonization and growth. Dendrochronologia, 2017, 42, 13-20.	2.2	1
43	Exploring tourism networks in the Guangxi mountainous area using mobility data from user generated content. Journal of Mountain Science, 2022, 19, 322-337.	2.0	1
44	Evaluating community accessibility for sustainable urban regeneration: a conceptual framework. , 2010, , .		0
45	Modelling Road Congestion Using a Fuzzy System and Real-World Data for Connected and Autonomous Vehicles. , 2019, , .		0