

Yanwei Chai

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,762
citations

201674

27
h-index

189892

50
g-index

72
all docs

72
docs citations

72
times ranked

1958
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of immediate urban environments on people's momentary happiness. <i>Urban Studies</i> , 2022, 59, 140-160.	3.7	17
2	Measurement of elastic modulus of laser cladding coatings by laser ultrasonic method. <i>Optics and Laser Technology</i> , 2022, 146, 107567.	4.6	13
3	How Chinese hukou system shapes ethnic dissimilarity in daily activities: a study of Xining, China. <i>Cities</i> , 2022, 122, 103520.	5.6	6
4	Nondestructive measurement of the grain size of laser cladding coatings using a laser ultrasonic method. <i>Applied Optics</i> , 2022, 61, 1885.	1.8	6
5	Gender disparities in exposure to green space: An empirical study of suburban Beijing. <i>Landscape and Urban Planning</i> , 2022, 222, 104381.	7.5	15
6	The effects of activity-related contexts on individual sound exposures: A time-geographic approach to soundscape studies. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 2073-2092.	2.0	8
7	Associations of co-exposures to air pollution and noise with psychological stress in space and time: A case study in Beijing, China. <i>Environmental Research</i> , 2021, 196, 110399.	7.5	24
8	Delineation of an Urban Community Life Circle Based on a Machine-Learning Estimation of Spatiotemporal Behavioral Demand. <i>Chinese Geographical Science</i> , 2021, 31, 27-40.	3.0	12
9	Interpersonal and Intrapersonal Variabilities in Daily Activity-Travel Patterns: A Networked Spatiotemporal Analysis. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 148.	2.9	8
10	Does real-time and perceived environmental exposure to air pollution and noise affect travel satisfaction? evidence from Beijing, China. <i>Travel Behaviour & Society</i> , 2021, 24, 313-324.	5.0	23
11	The impact of green space exposure on satisfaction with active travel trips. <i>Transportation Research, Part D: Transport and Environment</i> , 2021, 99, 103022.	6.8	19
12	Can daily mobility alleviate green inequality from living and working environments?. <i>Landscape and Urban Planning</i> , 2021, 214, 104179.	7.5	19
13	Mobility-based environmental justice: Understanding housing disparity in real-time exposure to air pollution and momentary psychological stress in Beijing, China. <i>Social Science and Medicine</i> , 2021, 287, 114372.	3.8	9
14	Do spatial factors outweigh institutional factors? Changes in influencing factors of home-work separation from 2007 to 2017 in Beijing. <i>Journal of Transport Geography</i> , 2021, 96, 103201.	5.0	6
15	Living with urban sounds: Understanding the effects of human mobilities on individual sound exposure and psychological health. <i>Geoforum</i> , 2021, 126, 13-25.	2.5	12
16	Active travel and the built environment: A theoretical model and multidimensional evidence. <i>Transportation Research, Part D: Transport and Environment</i> , 2021, 100, 103029.	6.8	8
17	Weekly spatiotemporal behavior of suburban residents in family context: A case study of the Shangdi-Qinghe area in Beijing. <i>Progress in Geography</i> , 2021, 40, 597-606.	0.7	2
18	Property rights redistribution and the spatial evolution of the Chinese danwei compound: a case study in Beijing. <i>Journal of Housing and the Built Environment</i> , 2021, 36, 1585-1602.	1.8	7

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19	Spatiotemporal change of land use for decreased in Beijing since the mid-twentieth century. <i>Open Geosciences</i> , 2021, 13, 016-026.	1.7	4
20	Assessing Mobility-Based Real-Time Air Pollution Exposure in Space and Time Using Smart Sensors and GPS Trajectories in Beijing. <i>Annals of the American Association of Geographers</i> , 2020, 110, 434-448.	2.2	57
21	Neighbourhood-scale public spaces, inter-group attitudes and migrant integration in Beijing, China. <i>Urban Studies</i> , 2020, 57, 2491-2509.	3.7	21
22	The Internet and the spaceâ€™time flexibility of daily activities: A case study of Beijing, China. <i>Cities</i> , 2020, 97, 102493.	5.6	20
23	The Anatomy of Health-Supportive Neighborhoods: A Multilevel Analysis of Built Environment, Perceived Disorder, Social Interaction and Mental Health in Beijing. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 13.	2.6	31
24	Understanding noise exposure, noise annoyance, and psychological stress: Incorporating individual mobility and the temporality of the exposure-effect relationship. <i>Applied Geography</i> , 2020, 125, 102283.	3.7	33
25	Does street greenery always promote active travel? Evidence from Beijing. <i>Urban Forestry and Urban Greening</i> , 2020, 56, 126886.	5.3	29
26	Understanding the relationships among individual-based momentary measured noise, perceived noise, and psychological stress: A geographic ecological momentary assessment (GEMA) approach. <i>Health and Place</i> , 2020, 64, 102285.	3.3	43
27	Examining the effects of mobility-based air and noise pollution on activity satisfaction. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 89, 102633.	6.8	14
28	Corporate-Run Society: The Practice of the Danwei System in Beijing during the Planned Economy Period. <i>Sustainability</i> , 2020, 12, 1338.	3.2	3
29	Nonlinear effect of accessibility on car ownership in Beijing: Pedestrian-scale neighborhood planning. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 86, 102445.	6.8	91
30	Who Could Not Avoid Exposure to High Levels of Residence-Based Pollution by Daily Mobility? Evidence of Air Pollution Exposure from the Perspective of the Neighborhood Effect Averaging Problem (NEAP). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1223.	2.6	24
31	Assessing personal noise exposure and its relationship with mental health in Beijing based on individualsâ€™ space-time behavior. <i>Environment International</i> , 2020, 139, 105737.	10.0	58
32	The diffusion and development of time-geography in East Asia: The academic life paths of two key scholars. <i>Moravian Geographical Reports</i> , 2020, 28, 338-352.	1.2	1
33	A new time-geography research framework of community life circle. <i>Progress in Geography</i> , 2020, 39, 1961-1971.	0.7	6
34	Inferring demographics from human trajectories and geographical context. <i>Computers, Environment and Urban Systems</i> , 2019, 77, 101368.	7.1	39
35	Socialâ€™contextual exposure of ethnic groups in urban China: From residential place to activity space. <i>Population, Space and Place</i> , 2019, 25, e2248.	2.3	18
36	Help whom and help what? Intergenerational co-residence and the gender differences in time use among dual-earner households in Beijing, China. <i>Urban Studies</i> , 2019, 56, 2058-2074.	3.7	17

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37	Reside nearby, behave apart? Activity-space-based segregation among residents of various types of housing in Beijing, China. <i>Cities</i> , 2019, 88, 166-180.	5.6	47
38	Urban form breeds neighborhood vibrancy: A case study using a GPS-based activity survey in suburban Beijing. <i>Cities</i> , 2018, 74, 100-108.	5.6	128
39	Multi-level temporal autoregressive modelling of daily activity satisfaction using GPS-integrated activity diary data. <i>International Journal of Geographical Information Science</i> , 2018, 32, 2189-2208.	4.8	8
40	An Innovative Context-Based Crystal-Growth Activity Space Method for Environmental Exposure Assessment: A Study Using GIS and GPS Trajectory Data Collected in Chicago. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 703.	2.6	40
41	A Multilevel Analysis of Perceived Noise Pollution, Geographic Contexts and Mental Health in Beijing. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1479.	2.6	79
42	Economic Development and Land Use Changes in an Inland Area of China: A Case Study of Gansu Province. <i>Springer Geography</i> , 2018, , 57-81.	0.4	0
43	EXAMINING THE UNEVEN DISTRIBUTION OF HOUSEHOLD TRAVEL CARBON EMISSIONS WITHIN AND ACROSS NEIGHBORHOODS: THE CASE OF BEIJING. <i>Journal of Regional Science</i> , 2017, 57, 487-506.	3.3	10
44	Neighborhood-scale urban form, travel behavior, and CO ₂ emissions in Beijing: implications for low-carbon urban planning. <i>Urban Geography</i> , 2017, 38, 381-400.	3.0	57
45	Examining the impacts of ethnicity on space-time behavior: Evidence from the City of Xining, China. <i>Cities</i> , 2017, 64, 26-36.	5.6	23
46	Tea polyphenols: Enzyme inhibition effect and starch digestibility. <i>Starch/Staerke</i> , 2017, 69, 1600195.	2.1	6
47	Understanding job-housing relationship and commuting pattern in Chinese cities: Past, present and future. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 52, 562-573.	6.8	82
48	Los espacios de movilidad de las poblaciones suburbanas de Pek�n. <i>Documents D' Analisi Geografica</i> , 2017, 63, 277.	0.1	0
49	Analysis of spatial and temporal patterns of daily activities of suburban residents based on GPS data: A case study of the Shangdi-Qinghe area of Beijing. <i>International Review for Spatial Planning and Sustainable Development</i> , 2016, 4, 4-16.	1.1	9
50	The socio-spatial dimension of behavior analysis: Frontiers and progress in Chinese behavioral geography. <i>Journal of Chinese Geography</i> , 2016, 26, 1243-1260.	3.9	14
51	Early birds, night owls, and tireless/recurring itinerants: An exploratory analysis of extreme transit behaviors in Beijing, China. <i>Habitat International</i> , 2016, 57, 223-232.	5.8	39
52	Built environment, peak hours and route choice efficiency: An investigation of commuting efficiency using GPS data. <i>Journal of Transport Geography</i> , 2016, 57, 161-170.	5.0	26
53	Gendered Space�Time Constraints, Activity Participation and Household Structure: A Case Study Using A GPS�Based Activity Survey in Suburban Beijing, China. <i>Tijdschrift Voor Economische En Sociale Geografie</i> , 2016, 107, 505-521.	2.1	22
54	Between haven and heaven in cities: A comparison between Beijing (China) and Utrecht (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	3.7	12

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55	Urban form, car ownership and activity space in inner suburbs: A comparison between Beijing (China) and Chicago (United States). <i>Urban Studies</i> , 2016, 53, 1784-1802.	3.7	62
56	The impact of urban form on CO2 emission from work and non-work trips: The case of Beijing, China. <i>Habitat International</i> , 2015, 47, 1-10.	5.8	116
57	Spaceâ€™time fixity and flexibility of daily activities and the built environment: A case study of different types of communities in Beijing suburbs. <i>Journal of Transport Geography</i> , 2015, 47, 90-99.	5.0	52
58	Daily life circle reconstruction: A scheme for sustainable development in urban China. <i>Habitat International</i> , 2015, 50, 250-260.	5.8	35
59	Un-gated and integrated Work Unit communities in post-socialist urban China: A case study from Beijing. <i>Habitat International</i> , 2014, 43, 79-89.	5.8	22
60	Spaceâ€™Time Behavior Research in China: Recent Development and Future Prospect. <i>Annals of the American Association of Geographers</i> , 2013, 103, 1093-1099.	3.0	32
61	Investigating commuting flexibility with GPS data and 3D geovisualization: a case study of Beijing, China. <i>Journal of Transport Geography</i> , 2013, 32, 1-11.	5.0	84
62	Residentsâ€™ activity-travel behavior variation by communities in Beijing, China. <i>Chinese Geographical Science</i> , 2013, 23, 492-505.	3.0	33
63	Interaction between Amylose and Tea Polyphenols Modulates the Postprandial Glycemic Response to High-Amylose Maize Starch. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8608-8615.	5.2	194
64	Activity Spaces and Sociospatial Segregation in Beijing. <i>Urban Geography</i> , 2012, 33, 256-277.	3.0	130
65	Synergistic Effect of Oleic Acid and Glycerol on Zein Film Plasticization. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10075-10081.	5.2	79
66	Exploratory data analysis of activity diary data: a spaceâ€™time GIS approach. <i>Journal of Transport Geography</i> , 2011, 19, 394-404.	5.0	148
67	Built environment diversities and activityâ€™travel behaviour variations in Beijing, China. <i>Journal of Transport Geography</i> , 2011, 19, 1173-1186.	5.0	142
68	The jobsâ€™housing relationship and commuting in Beijing, China: the legacy of Danwei. <i>Journal of Transport Geography</i> , 2009, 17, 30-38.	5.0	259
69	Gender Roleâ€™Based Differences in Time Allocation. <i>Transportation Research Record</i> , 2007, 2014, 58-66.	1.9	36
70	Recent Progress of Human Geography in China: Retrospect and Prospect. <i>Japanese Journal of Human Geography</i> , 2007, 59, 472-492.	0.2	1
71	Downtown retailing development under suburbanizationâ€™A case study of Beijing. <i>Chinese Geographical Science</i> , 2007, 17, 1-9.	3.0	9
72	Daily Life Activity Space of Hiroshima Citizens. <i>Japanese Journal of Human Geography</i> , 1993, 45, 351-373.	0.2	3