Yimeng Song

List of Publications by Year
in descending order

39 papers	7,182 citations	257101 24 h-index	315357 38 g-index
44 all docs	44 docs citations	44 times ranked	11770 citing authors

#	Article	IF	Citations
1	Neighborhood built environments and cognition in later life. Aging and Mental Health, 2023, 27, 466-474.	1.5	4
2	Racial/Ethnic Inequity in Transit-Based Spatial Accessibility to COVID-19 Vaccination Sites. Journal of Racial and Ethnic Health Disparities, 2023, 10, 1533-1541.	1.8	9
3	Identifying subcenters with a nonparametric method and ubiquitous point-of-interest data: A case study of 284 Chinese cities. Environment and Planning B: Urban Analytics and City Science, 2022, 49, 58-75.	1.0	11
4	Associations between metabolic syndrome and anthropogenic heat emissions in northeastern China. Environmental Research, 2022, 204, 111974.	3.7	6
5	Analyzing income-based inequality in transit nodal accessibility. Travel Behaviour & Society, 2022, 27, 57-64.	2.4	10
6	Urban greenery mitigates the negative effect of urban density on older adults' life satisfaction: Evidence from Shanghai, China. Cities, 2022, 124, 103607.	2.7	40
7	Inter–and intra–racial/ethnic disparities in walking accessibility to grocery stores. Area, 2022, 54, 627-637.	1.0	3
8	Beyond green environments: Multi-scale difference in human exposure to greenspace in China. Environment International, 2022, 166, 107348.	4.8	29
9	Intraday effects of ambient PM1 on emergency department visits in Guangzhou, China: A case-crossover study. Science of the Total Environment, 2021, 750, 142347.	3.9	30
10	Spatiotemporal assessment of PM2.5 concentrations and exposure in China from 2013 to 2017 using satellite-derived data. Journal of Cleaner Production, 2021, 286, 124965.	4.6	35
11	Do socioeconomic factors modify the effects of PM1 and SO2 on lung cancer incidence in China?. Science of the Total Environment, 2021, 756, 143998.	3.9	27
12	Neighborhood Built Environment and Late-Life Depression: A Multilevel Path Analysis in a Chinese Society. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, 2143-2154.	2.4	12
13	An integrated analysis of housing and transit affordability in the Chicago metropolitan area. Geographical Journal, 2021, 187, 110-126.	1.6	13
14	Population mapping in China with Tencent social user and remote sensing data. Applied Geography, 2021, 130, 102450.	1.7	29
15	Ambient particulate matter (PM1, PM2.5, PM10) and childhood pneumonia: The smaller particle, the greater short-term impact?. Science of the Total Environment, 2021, 772, 145509.	3.9	48
16	Neighbourhood physical environment, intrinsic capacity, and 4-year late-life functional ability trajectories of low-income Chinese older population: A longitudinal study with the parallel process of latent growth curve modelling. EClinicalMedicine, 2021, 36, 100927.	3.2	26
17	Longitudinal associations between neighbourhood physical environments and depressive symptoms of older adults in Hong Kong: The moderating effects of terrain slope and declining functional abilities. Health and Place, 2021, 70, 102585.	1.5	12
18	Perceived influence of street-level visible greenness exposure in the work and residential environment on life satisfaction: Evidence from Beijing, China. Urban Forestry and Urban Greening, 2021, 62, 127161.	2.3	24

#	Article	IF	Citations
19	Mapping essential urban land use categories with open big data: Results for five metropolitan areas in the United States of America. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 178, 203-218.	4.9	42
20	Early-life exposure to submicron particulate air pollution in relation to asthma development in Chinese preschool children. Journal of Allergy and Clinical Immunology, 2021, 148, 771-782.e12.	1.5	45
21	Satellite-derived 1-km estimates and long-term trends of PM2.5 concentrations in China from 2000 to 2018. Environment International, 2021, 156, 106726.	4.8	43
22	Observed inequality in urban greenspace exposure in China. Environment International, 2021, 156, 106778.	4.8	109
23	Evaluating and characterizing urban vibrancy using spatial big data: Shanghai as a case study. Environment and Planning B: Urban Analytics and City Science, 2020, 47, 1543-1559.	1.0	60
24	How does urban expansion impact people's exposure to green environments? A comparative study of 290 Chinese cities. Journal of Cleaner Production, 2020, 246, 119018.	4.6	109
25	Natural outdoor environment, neighbourhood social cohesion and mental health: Using multilevel structural equation modelling, streetscape and remote-sensing metrics. Urban Forestry and Urban Greening, 2020, 48, 126576.	2.3	84
26	Mapping essential urban land use categories in China (EULUC-China): preliminary results for 2018. Science Bulletin, 2020, 65, 182-187.	4.3	247
27	Global COVID-19 pandemic demands joint interventions for the suppression of future waves. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26151-26157.	3.3	33
28	Substantial undocumented infection facilitates the rapid dissemination of novel coronavirus (SARS-CoV-2). Science, 2020, 368, 489-493.	6.0	2,940
29	An investigation of transmission control measures during the first 50 days of the COVID-19 epidemic in China. Science, 2020, 368, 638-642.	6.0	1,554
30	A novel method to extract urban human settlements by integrating remote sensing and mobile phone locations. Science of Remote Sensing, 2020, 1, 100003.	2.2	12
31	Improved 1‰km resolution PM<sub>2.5</sub> estimates across China using enhanced space–time extremely randomized trees. Atmospheric Chemistry and Physics, 2020, 20, 3273-3289.	1.9	321
32	Dynamic assessment of PM2.5 exposure and health risk using remote sensing and geo-spatial big data. Environmental Pollution, 2019, 253, 288-296.	3.7	120
33	Dynamic assessments of population exposure to urban greenspace using multi-source big data. Science of the Total Environment, 2018, 634, 1315-1325.	3.9	122
34	How do people in different places experience different levels of air pollution? Using worldwide Chinese as a lens. Environmental Pollution, 2018, 238, 874-883.	3.7	39
35	Spatial and temporal variations of spatial population accessibility to public hospitals: a case study of rural–urban comparison. GIScience and Remote Sensing, 2018, 55, 718-744.	2.4	53
36	Urban land-use mapping using a deep convolutional neural network with high spatial resolution multispectral remote sensing imagery. Remote Sensing of Environment, 2018, 214, 73-86.	4.6	389

#	Article	IF	Citations
37	Real-Time Estimation of Population Exposure to PM2.5 Using Mobile- and Station-Based Big Data. International Journal of Environmental Research and Public Health, 2018, 15, 573.	1.2	67
38	Using multi-source geospatial big data to identify the structure of polycentric cities. Remote Sensing of Environment, 2017, 202, 210-221.	4.6	203
39	Neighbourhood Physical Environment, Intrinsic Capacity and 4-Year Late-Life Functional Ability Trajectories: A Longitudinal Study With the Parallel Process of Latent Growth Curve Modelling. SSRN Electronic Journal, 0, , .	0.4	0