

# Yimeng Song

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2183055/publications.pdf>

Version: 2024-02-01

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	Substantial undocumented infection facilitates the rapid dissemination of novel coronavirus (SARS-CoV-2). <i>Science</i> , 2020, 368, 489-493.	6.0	2,940
2	An investigation of transmission control measures during the first 50 days of the COVID-19 epidemic in China. <i>Science</i> , 2020, 368, 638-642.	6.0	1,554
3	Urban land-use mapping using a deep convolutional neural network with high spatial resolution multispectral remote sensing imagery. <i>Remote Sensing of Environment</i> , 2018, 214, 73-86.	4.6	389
4	Improved 1-km resolution PM <sub>2.5</sub> estimates across China using enhanced space-time extremely randomized trees. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3273-3289.	1.9	321
5	Mapping essential urban land use categories in China (EULUC-China): preliminary results for 2018. <i>Science Bulletin</i> , 2020, 65, 182-187.	4.3	247
6	Using multi-source geospatial big data to identify the structure of polycentric cities. <i>Remote Sensing of Environment</i> , 2017, 202, 210-221.	4.6	203
7	Dynamic assessments of population exposure to urban greenspace using multi-source big data. <i>Science of the Total Environment</i> , 2018, 634, 1315-1325.	3.9	122
8	Dynamic assessment of PM <sub>2.5</sub> exposure and health risk using remote sensing and geo-spatial big data. <i>Environmental Pollution</i> , 2019, 253, 288-296.	3.7	120
9	How does urban expansion impact people's exposure to green environments? A comparative study of 290 Chinese cities. <i>Journal of Cleaner Production</i> , 2020, 246, 119018.	4.6	109
10	Observed inequality in urban greenspace exposure in China. <i>Environment International</i> , 2021, 156, 106778.	4.8	109
11	Natural outdoor environment, neighbourhood social cohesion and mental health: Using multilevel structural equation modelling, streetscape and remote-sensing metrics. <i>Urban Forestry and Urban Greening</i> , 2020, 48, 126576.	2.3	84
12	Real-Time Estimation of Population Exposure to PM <sub>2.5</sub> Using Mobile- and Station-Based Big Data. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 573.	1.2	67
13	Evaluating and characterizing urban vibrancy using spatial big data: Shanghai as a case study. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2020, 47, 1543-1559.	1.0	60
14	Spatial and temporal variations of spatial population accessibility to public hospitals: a case study of rural-urban comparison. <i>GIScience and Remote Sensing</i> , 2018, 55, 718-744.	2.4	53
15	Ambient particulate matter (PM <sub>1</sub> , PM <sub>2.5</sub> , PM <sub>10</sub> ) and childhood pneumonia: The smaller particle, the greater short-term impact?. <i>Science of the Total Environment</i> , 2021, 772, 145509.	3.9	48
16	Early-life exposure to submicron particulate air pollution in relation to asthma development in Chinese preschool children. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 771-782.e12.	1.5	45
17	Satellite-derived 1-km estimates and long-term trends of PM <sub>2.5</sub> concentrations in China from 2000 to 2018. <i>Environment International</i> , 2021, 156, 106726.	4.8	43
18	Mapping essential urban land use categories with open big data: Results for five metropolitan areas in the United States of America. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 178, 203-218.	4.9	42

#	ARTICLE	IF	CITATIONS
19	Urban greenery mitigates the negative effect of urban density on older adults' life satisfaction: Evidence from Shanghai, China. <i>Cities</i> , 2022, 124, 103607.	2.7	40
20	How do people in different places experience different levels of air pollution? Using worldwide Chinese as a lens. <i>Environmental Pollution</i> , 2018, 238, 874-883.	3.7	39
21	Spatiotemporal assessment of PM2.5 concentrations and exposure in China from 2013 to 2017 using satellite-derived data. <i>Journal of Cleaner Production</i> , 2021, 286, 124965.	4.6	35
22	Global COVID-19 pandemic demands joint interventions for the suppression of future waves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26151-26157.	3.3	33
23	Intraday effects of ambient PM1 on emergency department visits in Guangzhou, China: A case-crossover study. <i>Science of the Total Environment</i> , 2021, 750, 142347.	3.9	30
24	Population mapping in China with Tencent social user and remote sensing data. <i>Applied Geography</i> , 2021, 130, 102450.	1.7	29
25	Beyond green environments: Multi-scale difference in human exposure to greenspace in China. <i>Environment International</i> , 2022, 166, 107348.	4.8	29
26	Do socioeconomic factors modify the effects of PM1 and SO2 on lung cancer incidence in China?. <i>Science of the Total Environment</i> , 2021, 756, 143998.	3.9	27
27	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. <i>EClinicalMedicine</i> , 2021, 36, 100927.	3.2	26
28	Perceived influence of street-level visible greenness exposure in the work and residential environment on life satisfaction: Evidence from Beijing, China. <i>Urban Forestry and Urban Greening</i> , 2021, 62, 127161.	2.3	24
29	An integrated analysis of housing and transit affordability in the Chicago metropolitan area. <i>Geographical Journal</i> , 2021, 187, 110-126.	1.6	13
30	A novel method to extract urban human settlements by integrating remote sensing and mobile phone locations. <i>Science of Remote Sensing</i> , 2020, 1, 100003.	2.2	12
31	Neighborhood Built Environment and Late-Life Depression: A Multilevel Path Analysis in a Chinese Society. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021, 76, 2143-2154.	2.4	12
32	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. <i>Health and Place</i> , 2021, 70, 102585.	1.5	12
33	Identifying subcenters with a nonparametric method and ubiquitous point-of-interest data: A case study of 284 Chinese cities. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2022, 49, 58-75.	1.0	11
34	Analyzing income-based inequality in transit nodal accessibility. <i>Travel Behaviour &amp; Society</i> , 2022, 27, 57-64.	2.4	10
35	Racial/Ethnic Inequity in Transit-Based Spatial Accessibility to COVID-19 Vaccination Sites. <i>Journal of Racial and Ethnic Health Disparities</i> , 2023, 10, 1533-1541.	1.8	9
36	Associations between metabolic syndrome and anthropogenic heat emissions in northeastern China. <i>Environmental Research</i> , 2022, 204, 111974.	3.7	6

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37	Neighborhood built environments and cognition in later life. <i>Aging and Mental Health</i> , 2023, 27, 466-474.	1.5	4
38	Inter- and intra-racial/ethnic disparities in walking accessibility to grocery stores. <i>Area</i> , 2022, 54, 627-637.	1.0	3
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. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0