

Yujie Hu

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

683
citations

567281

15
h-index

580821

25
g-index

36
all docs

36
docs citations

36
times ranked

632
citing authors

#	ARTICLE	IF	CITATIONS
1	A spatio-temporal kernel density estimation framework for predictive crime hotspot mapping and evaluation. <i>Applied Geography</i> , 2018, 99, 89-97.	3.7	95
2	“Perception bias”: Deciphering a mismatch between urban crime and perception of safety. <i>Landscape and Urban Planning</i> , 2021, 207, 104003.	7.5	59
3	Local Indicator of Colocation Quotient with a Statistical Significance Test: Examining Spatial Association of Crime and Facilities. <i>Professional Geographer</i> , 2017, 69, 22-31.	1.8	54
4	Measuring and visualizing place-based space-time job accessibility. <i>Journal of Transport Geography</i> , 2019, 74, 278-288.	5.0	47
5	Detecting and Analyzing Mobility Hotspots using Surface Networks. <i>Transactions in GIS</i> , 2014, 18, 911-935.	2.3	41
6	Decomposing excess commuting: a Monte Carlo simulation approach. <i>Journal of Transport Geography</i> , 2015, 44, 43-52.	5.0	40
7	Automated Delineation of Hospital Service Areas and Hospital Referral Regions by Modularity Optimization. <i>Health Services Research</i> , 2018, 53, 236-255.	2.0	38
8	Examining and optimizing the BCycle bike-sharing system “ A pilot study in Colorado, US. <i>Applied Energy</i> , 2019, 247, 1-12.	10.1	34
9	Disparities in Spatial Accessibility of Pharmacies in Baton Rouge, Louisiana. <i>Geographical Review</i> , 2015, 105, 492-510.	1.8	32
10	Commuting Variability by Wage Groups in Baton Rouge, 1990–2010. <i>Papers in Applied Geography</i> , 2017, 3, 14-29.	1.4	27
11	Estimating road network accessibility during a hurricane evacuation: A case study of hurricane Irma in Florida. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 83, 102334.	6.8	27
12	Estimating a large drive time matrix between ZIP codes in the United States: A differential sampling approach. <i>Journal of Transport Geography</i> , 2020, 86, 102770.	5.0	22
13	Automated delineation of cancer service areas in northeast region of the United States: A network optimization approach. <i>Spatial and Spatio-temporal Epidemiology</i> , 2020, 33, 100338.	1.7	20
14	Where are the dangerous intersections for pedestrians and cyclists: A colocation-based approach. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 95, 431-441.	7.6	19
15	Impact of Coastal Hazards on Residents’ Spatial Accessibility to Health Services. <i>Journal of Infrastructure Systems</i> , 2019, 25, .	1.8	18
16	A novel approach to extracting street lamps from vehicle-borne laser data. , 2011, , .		15
17	An Entropy-Based Approach for Evaluating Travel Time Predictability Based on Vehicle Trajectory Data. <i>Entropy</i> , 2017, 19, 165.	2.2	15
18	The Temporal Relationship Between Ecological Pain and Life-Space Mobility in Older Adults With Knee Osteoarthritis: A Smartwatch-Based Demonstration Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e19609.	3.7	13

#	ARTICLE	IF	CITATIONS
19	Temporal dynamics of the impact of land use on modal disparity in commuting efficiency. <i>Computers, Environment and Urban Systems</i> , 2020, 83, 101523.	7.1	11
20	Peripheral freshwater deltaic wetlands are hotspots of methane flux in the coastal zone. <i>Science of the Total Environment</i> , 2021, 775, 145784.	8.0	9
21	The unequal commute: Comparing commuting patterns across income and racial worker subgroups. <i>Environment and Planning A</i> , 2022, 54, 437-440.	3.6	7
22	The capability of estuarine sediments to remove nitrogen: implications for drinking water resource in Yangtze Estuary. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10890-10899.	5.3	5
23	A tale of two cities: Jobsâ€“housing balance and urban spatial structures from the perspective of transit commuters. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 1543-1557.	2.0	5
24	Predictors of hurricane evacuation decisions: A meta-analysis. <i>Journal of Environmental Psychology</i> , 2022, 79, 101742.	5.1	5
25	The unequal commuting efficiency: A visual analytics approach. <i>Journal of Transport Geography</i> , 2022, 100, 103328.	5.0	5
26	A novel algorithm to identifying vehicle travel path in elevated road area based on GPS trajectory data. <i>Frontiers of Earth Science</i> , 2012, 6, 354-363.	2.1	4
27	Modeling and Analysis of Excess Commuting with Trip Chains. <i>Annals of the American Association of Geographers</i> , 0, , 1-17.	2.2	4
28	Creating grocery delivery hubs for food deserts at local convenience stores via spatial and temporal consolidation. <i>Socio-Economic Planning Sciences</i> , 2022, 82, 101301.	5.0	3
29	Accessibility and Transportation Equity. <i>Sustainability</i> , 2020, 12, 3611.	3.2	2
30	A novel approach to delineating the service area of facilities in a network. , 2010, , .		1
31	The design and implementation of Shanghai key pollution sources management information system based on GIS. , 2011, , .		1
32	An efficient approach to building image-based road network model. <i>Annals of GIS</i> , 2013, 19, 209-217.	3.1	0
33	Spatial Analysis of Potential Nesting Habitat for Florida Sandhill Cranes. <i>Journal of Fish and Wildlife Management</i> , 2020, 11, 443-454.	0.9	0