Ting

List of Publications by Year
in descending order

27 papers	1,690 citations	566801 15 h-index	525886 27 g-index
27 all docs	27 docs citations	27 times ranked	1757 citing authors

#	ARTICLE	IF	CITATIONS
1	Inferring gender and age of customers in shopping malls via indoor positioning data. Environment and Planning B: Urban Analytics and City Science, 2020, 47, 1672-1689.	1.0	13
2	Quantitative estimates of collective geo-tagged human activities in response to typhoon Hato using location-aware big data. International Journal of Digital Earth, 2020, 13, 1072-1092.	1.6	16
3	China's improving inland surface water quality since 2003. Science Advances, 2020, 6, eaau3798.	4.7	119
4	Global socioeconomic exposure of heat extremes under climate change. Journal of Cleaner Production, 2020, 277, 123275.	4.6	29
5	Pollution exacerbates China's water scarcity and its regional inequality. Nature Communications, 2020, 11, 650.	5.8	260
6	Quantitative Association between Nighttime Lights and Geo-Tagged Human Activity Dynamics during Typhoon Mangkhut. Remote Sensing, 2019, 11, 2091.	1.8	10
7	Accessibility to urban parks for elderly residents: Perspectives from mobile phone data. Landscape and Urban Planning, 2019, 191, 103642.	3.4	128
8	Quantifying the spatial heterogeneity of points. International Journal of Geographical Information Science, 2019, 33, 1355-1376.	2.2	9
9	Population Distributions of Age Groups and Their Influencing Factors Based on Mobile Phone Location Data: A Case Study of Beijing, China. Sustainability, 2019, 11, 7033.	1.6	3
10	Detecting arbitrarily shaped clusters in origin-destination flows using ant colony optimization. International Journal of Geographical Information Science, 2019, 33, 134-154.	2.2	36
11	A proportional odds model of human mobility and migration patterns. International Journal of Geographical Information Science, 2019, 33, 81-98.	2.2	5
12	Quantitative responses of satellite-derived night-time light signals to urban depopulation during Chinese New Year. Remote Sensing Letters, 2019, 10, 139-148.	0.6	15
13	Understanding geographical patterns of a city's diurnal rhythm from aggregate data of location-aware services. Transactions in GIS, 2019, 23, 104-117.	1.0	10
14	Analysis of factors affecting urban park service area in Beijing: Perspectives from multi-source geographic data. Landscape and Urban Planning, 2019, 181, 103-117.	3.4	77
15	Mapping hourly dynamics of urban population using trajectories reconstructed from mobile phone records. Transactions in GIS, 2018, 22, 494-513.	1.0	52
16	Multi-Level Relationships between Satellite-Derived Nighttime Lighting Signals and Social Media–Derived Human Population Dynamics. Remote Sensing, 2018, 10, 1128.	1.8	34
17	Quantitative Responses of Satellite-Derived Nighttime Lighting Signals to Anthropogenic Land-Use and Land-Cover Changes across China. Remote Sensing, 2018, 10, 1447.	1.8	9
18	An estimate of rural exodus in China using location-aware data. PLoS ONE, 2018, 13, e0201458.	1.1	15

#	Article	IF	Citations
19	Delineating Spatial Patterns in Human Settlements Using VIIRS Nighttime Light Data: A Watershed-Based Partition Approach. Remote Sensing, 2018, 10, 465.	1.8	24
20	A Human Settlement Composite Index (HSCI) Derived from Nighttime Luminosity Associated with Imperviousness and Vegetation Indexes. Remote Sensing, 2018, 10, 455.	1.8	16
21	An Estimate of the Pixel-Level Connection between Visible Infrared Imaging Radiometer Suite Day/Night Band (VIIRS DNB) Nighttime Lights and Land Features across China. Remote Sensing, 2018, 10, 723.	1.8	31
22	Night-time light derived estimation of spatio-temporal characteristics of urbanization dynamics using DMSP/OLS satellite data. Remote Sensing of Environment, 2015, 158, 453-464.	4.6	172
23	Responses of Suomi-NPP VIIRS-derived nighttime lights to socioeconomic activity in China's cities. Remote Sensing Letters, 2014, 5, 165-174.	0.6	167
24	A comparative analysis of changes in the phasing of temperature and satellite-derived greenness at northern latitudes. Journal of Chinese Geography, 2013, 23, 57-66.	1.5	3
25	Multi-scale decomposition of point process data. GeoInformatica, 2012, 16, 625-652.	2.0	10
26	Quantitative estimation of urbanization dynamics using time series of DMSP/OLS nighttime light data: A comparative case study from China's cities. Remote Sensing of Environment, 2012, 124, 99-107.	4.6	399
27	Simulating and estimating tempo-spatial patterns in global human appropriation of net primary production (HANPP): A consumption-based approach. Ecological Indicators, 2012, 23, 660-667.	2.6	28