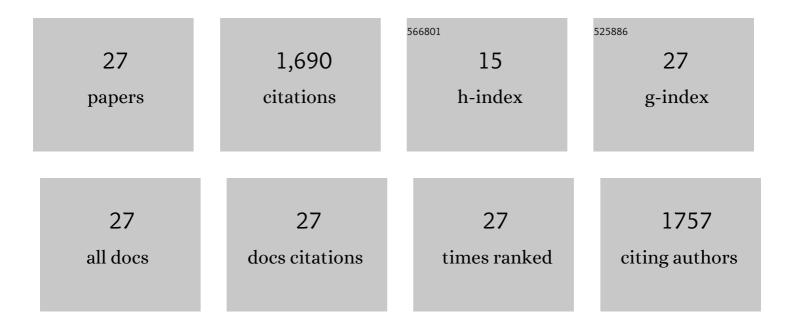


List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4484630/publications.pdf

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TINC

#	Article	IF	CITATIONS
1	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
2	Pollution exacerbates China's water scarcity and its regional inequality. Nature Communications, 2020, 11, 650.	5.8	260
3	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
4	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
5	Accessibility to urban parks for elderly residents: Perspectives from mobile phone data. Landscape and Urban Planning, 2019, 191, 103642.	3.4	128
6	China's improving inland surface water quality since 2003. Science Advances, 2020, 6, eaau3798.	4.7	119
7	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
8	Mapping hourly dynamics of urban population using trajectories reconstructed from mobile phone records. Transactions in GIS, 2018, 22, 494-513.	1.0	52
9	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
10	Multi-Level Relationships between Satellite-Derived Nighttime Lighting Signals and Social Media–Derived Human Population Dynamics. Remote Sensing, 2018, 10, 1128.	1.8	34
11	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
12	Global socioeconomic exposure of heat extremes under climate change. Journal of Cleaner Production, 2020, 277, 123275.	4.6	29
13	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
14	Delineating Spatial Patterns in Human Settlements Using VIIRS Nighttime Light Data: A Watershed-Based Partition Approach. Remote Sensing, 2018, 10, 465.	1.8	24
15	A Human Settlement Composite Index (HSCI) Derived from Nighttime Luminosity Associated with Imperviousness and Vegetation Indexes. Remote Sensing, 2018, 10, 455.	1.8	16
16	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
17	An estimate of rural exodus in China using location-aware data. PLoS ONE, 2018, 13, e0201458.	1.1	15
18	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

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#	Article	IF	Citations
19	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
20	Multi-scale decomposition of point process data. GeoInformatica, 2012, 16, 625-652.	2.0	10
21	Quantitative Association between Nighttime Lights and Geo-Tagged Human Activity Dynamics during Typhoon Mangkhut. Remote Sensing, 2019, 11, 2091.	1.8	10
22	Understanding geographical patterns of a city's diurnal rhythm from aggregate data of locationâ€aware services. Transactions in GIS, 2019, 23, 104-117.	1.0	10
23	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
24	Quantifying the spatial heterogeneity of points. International Journal of Geographical Information Science, 2019, 33, 1355-1376.	2.2	9
25	A proportional odds model of human mobility and migration patterns. International Journal of Geographical Information Science, 2019, 33, 81-98.	2.2	5
26	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
27	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