A New Approach for Detecting Urban Centers and Their Light Remote Sensing

IEEE Transactions on Geoscience and Remote Sensing 55, 6305-6319 DOI: 10.1109/tgrs.2017.2725917

Citation Report

#	Article	IF	CITATION
1	Mapping Urban Areas in China Using Multisource Data With a Novel Ensemble SVM Method. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4258-4273.	6.3	40
2	Urban heat island intensity and spatial variability by synoptic weather type in the northeast U.S Urban Climate, 2018, 24, 747-762.	5.7	50
3	Analysis of the Spatio-Temporal Dynamic of Polycentric City Using Night-Time Light Remote Sensing Imagery. , 2018, , .		0
4	Spatial and seasonal patterns of night-time lights in global ocean derived from VIIRS DNB images. International Journal of Remote Sensing, 2018, 39, 8151-8181.	2.9	18
5	Potentiality of Using Luojia 1-01 Nighttime Light Imagery to Investigate Artificial Light Pollution. Sensors, 2018, 18, 2900.	3.8	100
6	Delineating Spatial Patterns in Human Settlements Using VIIRS Nighttime Light Data: A Watershed-Based Partition Approach. Remote Sensing, 2018, 10, 465.	4.0	24
7	Expansion Analysis of Yangtze River Delta Urban Agglomeration Using DMSP/OLS Nighttime Light Imagery for 1993 to 2012. ISPRS International Journal of Geo-Information, 2018, 7, 52.	2.9	40
8	Portraying Urban Functional Zones by Coupling Remote Sensing Imagery and Human Sensing Data. Remote Sensing, 2018, 10, 141.	4.0	110
9	Detecting Urban Polycentric Structure from POI Data. ISPRS International Journal of Geo-Information, 2019, 8, 283.	2.9	58
10	A Spatial-Socioeconomic Urban Development Status Curve from NPP-VIIRS Nighttime Light Data. Remote Sensing, 2019, 11, 2398.	4.0	39
11	Siting of Dark Sky Reserves in China Based on Multi-source Spatial Data and Multiple Criteria Evaluation Method. Chinese Geographical Science, 2019, 29, 949-961.	3.0	5
12	Assessing the Ability of Luojia 1-01 Imagery to Detect Feeble Nighttime Lights. Sensors, 2019, 19, 3708.	3.8	19
13	Investigating the Spatiotemporal Variability and Driving Factors of Artificial Lighting in the Beijing-Tianjin-Hebei Region Using Remote Sensing Imagery and Socioeconomic Data. International Journal of Environmental Research and Public Health, 2019, 16, 1950.	2.6	8
14	Delineating Seasonal Relationships Between Suomi NPP-VIIRS Nighttime Light and Human Activity Across Shanghai, China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4275-4283.	4.9	44
15	Modeling Polycentric Urbanization Using Multisource Big Geospatial Data. Remote Sensing, 2019, 11, 310.	4.0	21
16	A surface network based method for studying urban hierarchies by night time light remote sensing data. International Journal of Geographical Information Science, 2019, 33, 1377-1398.	4.8	30
17	Estimation of Poverty Using Random Forest Regression with Multi-Source Data: A Case Study in Bangladesh. Remote Sensing, 2019, 11, 375.	4.0	95
18	Effect of Public Transport Network on Urban Core and the Future Perspective in Bangkok, Thailand. , 2019, , .		1

#	Article	IF	Citations
19	Inter-Calibration of Nighttime Light Data Between DMSP/OLS And NPP/VIIRS in the Economic Corridors of Belt And Road Initiative. , 2019, , .		5
20	Modeling Population Density using a New Index Derived from Multi-Sensor Image Data. Remote Sensing, 2019, 11, 2620.	4.0	11
21	Simulating urban growth boundaries using a patch-based cellular automaton with economic and ecological constraints. International Journal of Geographical Information Science, 2019, 33, 55-80.	4.8	57
22	Efficient Delineation of Nested Depression Hierarchy in Digital Elevation Models for Hydrological Analysis Using Level et Method. Journal of the American Water Resources Association, 2019, 55, 354-368.	2.4	44
23	Assessment of urban surface thermal environment using MODIS with a population-weighted method: a case study. Journal of Spatial Science, 2019, 64, 287-300.	1.5	11
24	GDP spatialization in Ningbo City based on NPP/VIIRS night-time light and auxiliary data using random forest regression. Advances in Space Research, 2020, 65, 481-493.	2.6	59
25	Remote sensing of night lights: A review and an outlook for the future. Remote Sensing of Environment, 2020, 237, 111443.	11.0	442
26	Identification and Geographic Distribution of Accommodation and Catering Centers. ISPRS International Journal of Geo-Information, 2020, 9, 546.	2.9	11
27	Integrating land development size, pattern, and density to identify urban–rural fringe in a metropolitan region. Landscape Ecology, 2020, 35, 2045-2059.	4.2	26
28	Identifying and Quantifying Urban Polycentric Development in China From DMSP-OLS Data and Urban Land Data Sets. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
29	Is Improvement of Innovation Efficiency Conducive to Haze Governance? Empirical Evidence from 283 Chinese Cities. International Journal of Environmental Research and Public Health, 2020, 17, 6095.	2.6	37
30	Identification of Polycentric Cities in China Based on NPP-VIIRS Nighttime Light Data. Remote Sensing, 2020, 12, 3248.	4.0	19
31	Measurement of Polycentric County-Level Areas in a Rapid Urbanization Region from a Public Service Perspective. Sustainability, 2020, 12, 8285.	3.2	0
32	Identifying City Shrinkage in Population and City Activity in the Middle Reaches of the Yangtze River, China. Journal of the Urban Planning and Development Division, ASCE, 2020, 146, .	1.7	8
33	City Grade Classification Based on Connectivity Analysis by Luojia I Night-Time Light Images in Henan Province, China. Remote Sensing, 2020, 12, 1705.	4.0	6
34	Application of Luojia 1-01 Nighttime Images for Detecting the Light Changes for the 2019 Spring Festival in Western Cities, China. Remote Sensing, 2020, 12, 1416.	4.0	14
35	The spatial integration and coordinated industrial development of urban agglomerations in the Yangtze River Economic Belt, China. Cities, 2020, 104, 102801.	5.6	99
36	Polycentric Urban Development and its Determinants in China: A Geospatial Big Data Perspective. Geographical Analysis, 2021, 53, 520-542.	3.5	15

#	Article	IF	CITATIONS
37	Analyzing Urban Spatial Connectivity Using Night Light Observations: A Case Study of Three Representative Urban Agglomerations in China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1097-1108.	4.9	8
38	A spatio-temporal method for crime prediction using historical crime data and transitional zones identified from nightlight imagery. International Journal of Geographical Information Science, 2020, 34, 1740-1764.	4.8	26
39	Urban Nighttime Leisure Space Mapping with Nighttime Light Images and POI Data. Remote Sensing, 2020, 12, 541.	4.0	42
40	Automated Extraction of Street Lights From JL1-3B Nighttime Light Data and Assessment of Their Solar Energy Potential. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 675-684.	4.9	32
41	Estimating spatial effects of anthropogenic heat emissions upon the urban thermal environment in an urban agglomeration area in East China. Sustainable Cities and Society, 2020, 57, 102046.	10.4	39
42	Constructing a New Inter-Calibration Method for DMSP-OLS and NPP-VIIRS Nighttime Light. Remote Sensing, 2020, 12, 937.	4.0	49
43	A Novel SUHI Referenced Estimation Method for Multicenters Urban Agglomeration using DMSP/OLS Nighttime Light Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1416-1425.	4.9	20
44	A spatiotemporal structural graph for characterizing land cover changes. International Journal of Geographical Information Science, 2021, 35, 397-425.	4.8	13
45	Measuring polycentric urban development: The importance of accurately determining the â€~balance' between â€~centers'. Cities, 2021, 111, 103009.	5.6	28
46	Modeling and Prediction of NPP-VIIRS Nighttime Light Imagery Based on Spatiotemporal Statistical Method. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4934-4946.	6.3	9
47	Estimating Socio-Economic Parameters via Machine Learning Methods Using Luojia1-01 Nighttime Light Remotely Sensed Images at Multiple Scales of China in 2018. IEEE Access, 2021, 9, 34352-34365.	4.2	19
48	Quantifying and Evaluating the Cultivated Areas Suitable for Fallow in Chongqing of China Using Multisource Data. Land, 2021, 10, 74.	2.9	2
49	Intraday Variation Mapping of Population Age Structure via Urban-Functional-Region-Based Scaling. Remote Sensing, 2021, 13, 805.	4.0	5
50	Measurement of Urban Expansion and Spatial Correlation of Central Yunnan Urban Agglomeration Using Nighttime Light Data. Mathematical Problems in Engineering, 2021, 2021, 1-15.	1.1	3
51	Analysing the spatial structure of urban growth across the Yangtze River Middle reaches urban agglomeration in China using NPP-VIIRS night-time lights data. Geo Journal, 0, , 1.	3.1	8
52	An extended time series (2000–2018) of global NPP-VIIRS-like nighttime light data from a cross-sensor calibration. Earth System Science Data, 2021, 13, 889-906.	9.9	286
53	Detecting and Analyzing Urban Centers Based on the Localized Contour Tree Method Using Taxi Trajectory Data: A Case Study of Shanghai. ISPRS International Journal of Geo-Information, 2021, 10, 220.	2.9	5
54	Distributed learning automata based approach to inferring urban structure via traffic flow. Applied Intelligence, 0, , 1.	5.3	0

#	Article	IF	CITATIONS
55	A New Method for Building-Level Population Estimation by Integrating LiDAR, Nighttime Light, and POI Data. Journal of Remote Sensing, 2021, 2021, .	6.7	19
56	Urban functional zone mapping by integrating high spatial resolution nighttime light and daytime multi-view imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 175, 403-415.	11.1	42
57	Shifting residential and employment geography: Shanghai's bifurcated trajectory of spatial restructuring. Cities, 2021, 113, 103142.	5.6	3
58	Estimation and mapping of the material stocks of buildings of Europe: a novel nighttime lights-based approach. Resources, Conservation and Recycling, 2021, 169, 105509.	10.8	26
59	Using nighttime light data to identify the structure of polycentric cities and evaluate urban centers. Science of the Total Environment, 2021, 780, 146586.	8.0	30
60	A monthly night-time light composite dataset of NOAA-20 in China: a multi-scale comparison with S-NPP. International Journal of Remote Sensing, 2021, 42, 7931-7951.	2.9	6
61	Detecting the true urban polycentric pattern of Chinese cities in morphological dimensions: A multiscale analysis based on geospatial big data. Cities, 2021, 116, 103298.	5.6	24
62	Characteristics of land surface temperature clusters: Case study of the central urban area of Guangzhou. Sustainable Cities and Society, 2021, 73, 103140.	10.4	12
63	Lockdown induced night-time light dynamics during the COVID-19 epidemic in global megacities. International Journal of Applied Earth Observation and Geoinformation, 2021, 102, 102421.	2.8	41
64	Remotely sensed nighttime lights reveal China's urbanization process restricted by haze pollution. Building and Environment, 2021, 206, 108350.	6.9	16
65	Remote Sensing of Urban Poverty and Gentrification. Remote Sensing, 2021, 13, 4022.	4.0	14
66	STUDY ON EXTRACTION OF URBAN CENTRAL AREA USING NIGHT TIME LIGHT REMOTE SENSING DATA. Journal of Japan Society of Civil Engineers Ser D3 (Infrastructure Planning and Management), 2018, 74, I_505-I_512.	0.1	1
67	An improved approach for monitoring urban built-up areas by combining NPP-VIIRS nighttime light, NDVI, NDWI, and NDBI. Journal of Cleaner Production, 2021, 328, 129488.	9.3	73
68	Snow cover detection in mid-latitude mountainous and polar regions using nighttime light data. Remote Sensing of Environment, 2022, 268, 112766.	11.0	15
69	Research on Spatialization of Urban Area Based on Deep Learning. Automation and Machine Learning, 2020, 2, .	0.1	0
70	Urban spatial structure analysis: quantitative identification of urban social functions using building footprints. Frontiers of Earth Science, 0, , 1.	2.1	5
71	Study on Urban Spatial Pattern Based on DMSP/OLS and NPP/VIIRS in Democratic People's Republic of Korea. Remote Sensing, 2021, 13, 4879.	4.0	6
72	Quantitative Analysis of Urban Polycentric Interaction Using Nighttime Light Data: A Case Study of Shanghai, China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1114-1122.	4.9	5

#	ARTICLE	IF	CITATIONS
73	Developing Improved Time-Series DMSP-OLS-Like Data (1992–2019) in China by Integrating DMSP-OLS and SNPP-VIIRS. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	17
74	The potential of nighttime light remote sensing data to evaluate the development of digital economy: A case study of China at the city level. Computers, Environment and Urban Systems, 2022, 92, 101749.	7.1	51
75	The Relationship Between Urban 2-D/3-D Landscape Pattern and Nighttime Light Intensity. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 478-489.	4.9	9
76	Characterising population spatial structure change in Chinese cities. Cities, 2022, 123, 103555.	5.6	7
77	Evaluating the Ability of NOAA-20 Monthly Composite Data for Socioeconomic Indicators Estimation and Urban Area Extraction. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1837-1845.	4.9	7
78	A global dataset of annual urban extents (1992–2020) from harmonized nighttime lights. Earth System Science Data, 2022, 14, 517-534.	9.9	66
79	Remote sensing for identification of trip generating territories in support of urban mobility planning and monitoring. Geo Journal, 0, , .	3.1	3
80	Space-Time Cube for Visual Queries over Metadata of Heterogeneous Geodata. KN - Journal of Cartography and Geographic Information, 2022, 72, 29-39.	2.4	1
81	Relationship between urban landscape structure and land surface temperature: Spatial hierarchy and interaction effects. Sustainable Cities and Society, 2022, 80, 103795.	10.4	44
82	Urban morphological regionalization based on 3D building blocks—A case in the central area of Chengdu, China. Computers, Environment and Urban Systems, 2022, 94, 101800.	7.1	12
83	Identifying Urban Activity Centers and Their Functions using POI Big Data : The Case of Seoul Metropolitan Area. Journal of Korea Planning Association, 2021, 56, 36-52.	0.5	4
84	Business Circle Identification and Spatiotemporal Characteristics in the Main Urban Area of Yiwu City Based on POI and Night-Time Light Data. Remote Sensing, 2021, 13, 5153.	4.0	11
85	A landscape connectivity approach to mitigating the urban heat island effect. Landscape Ecology, 2022, 37, 1707-1719.	4.2	17
86	How long do we wait to innovate? understanding causal relationships between economic and innovation performance with temporal lags: evidence from a dynamic panel of 282 cities in China. Technology Analysis and Strategic Management, 0, , 1-15.	3.5	1
87	The Influence Mechanism of Urban Spatial Structure on Urban Vitality Based on Geographic Big Data: A Case Study in Downtown Shanghai. Buildings, 2022, 12, 569.	3.1	17
88	Measuring the Coupling of Construction Land Intensity and Use Efficiency: An Example of Yangtze River Delta Urban Agglomeration. SSRN Electronic Journal, 0, , .	0.4	0
89	Identification and Evaluation of the Polycentric Urban Structure: An Empirical Analysis Based on Multi-Source Big Data Fusion. Remote Sensing, 2022, 14, 2705.	4.0	12
90	Prediction of the Old-Age Dependency Ratio in Chinese Cities Using DMSP/OLS Nighttime Light Data. International Journal of Environmental Research and Public Health, 2022, 19, 7179.	2.6	0

#	Article	IF	CITATIONS
91	Quantifying the spatial pattern of urban heat islands and the associated cooling effect of blue–green landscapes using multisource remote sensing data. Science of the Total Environment, 2022, 843, 156829.	8.0	17
92	Does polycentric development produce less transportation carbon emissions? Evidence from urban form identified by night-time lights across US metropolitan areas. Urban Climate, 2022, 44, 101223.	5.7	26
93	Analyzing the Dynamic Spatiotemporal Changes in Urban Extension across Zhejiang Province Using NPP-VIIRS Nighttime Light Data. Remote Sensing, 2022, 14, 3212.	4.0	1
94	Spatial and Temporal Changes of Urban Built-Up Area in the Yellow River Basin from Nighttime Light Data. Land, 2022, 11, 1067.	2.9	5
95	How fast is it to city centers? The average travel speed as an indicator of road traffic accessibility potential. Journal of Zhejiang University: Science A, 2022, 23, 621-638.	2.4	0
96	Dimensional Analysis of Regional Environmental Planning Based on NPP/VIIRS Lighting Data. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	0
97	Mapping the evolution of building material stocks in three eastern coastal urban agglomerations of China. Resources, Conservation and Recycling, 2023, 188, 106651.	10.8	3
98	Hybrid Spatiotemporal Graph Convolutional Network for Detecting Landscape Pattern Evolution From Long-Term Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	2
99	Intercalibration of Luojia1-01 and Suomi-NPP-VIIRS Monthly Nighttime Light Composite Using a Spatial-Temporal Residuals Correction Random Forest Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 7712-7723.	4.9	1
100	Tracking Spatiotemporal Patterns of Rwanda's Electrification Using Multi-Temporal VIIRS Nighttime Light Imagery. Remote Sensing, 2022, 14, 4397.	4.0	2
101	Evaluation of Urban Spatial Structure from the Perspective of Socioeconomic Benefits Based on 3D Urban Landscape Measurements: A Case Study of Beijing, China. Remote Sensing, 2022, 14, 5511.	4.0	3
102	New nighttime light landscape metrics for analyzing urban-rural differentiation in economic development at township: A case study of Fujian province, China. Applied Geography, 2023, 150, 102841.	3.7	16
103	Spatial Downscaling of NPP-VIIRS Nighttime Light Data Using Multiscale Geographically Weighted Regression and Multi-Source Variables. Remote Sensing, 2022, 14, 6400.	4.0	4
104	How to measure large-scale complex urban network structures using night-time light satellite databases. Application to European metropolitan regions. Environment and Planning B: Urban Analytics and City Science, 0, , 239980832311516.	2.0	0
105	Using Remote Sensing Data and Graph Theory to Identify Polycentric Urban Structure. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	2
106	A New Method for Identifying the Central Business Districts with Nighttime Light Radiance and Angular Effects. Remote Sensing, 2023, 15, 239.	4.0	2
107	Patterns of Typical Chinese Urban Agglomerations Based on Complex Spatial Network Analysis. Remote Sensing, 2023, 15, 920.	4.0	0
108	Identification of Urban Spatial Structure of Pearl River Delta Urban Agglomeration Based on Multisource Spatial Data. Journal of the Urban Planning and Development Division, ASCE, 2023, 149, .	1.7	2

#	Article	IF	CITATIONS
109	Material stock analysis of urban road from nighttime light data based on a bottom-up approach. Environmental Research, 2023, 228, 115902.	7.5	17
110	Boba Shop, Coffee Shop, and Urban Vitality and Development—A Spatial Association and Temporal Analysis of Major Cities in China from the Standpoint of Nighttime Light. Remote Sensing, 2023, 15, 903.	4.0	7
111	Realistic characteristics and driving mechanisms of pseudo-human settlements in Chinese cities. Humanities and Social Sciences Communications, 2023, 10, .	2.9	4
112	Spatiotemporal expansion modes of urban areas on the Loess Plateau from 1992 to 2021 based on nighttime light images. International Journal of Applied Earth Observation and Geoinformation, 2023, 118, 103262.	1.9	0
113	Study of Human Activity Intensity from 2015 to 2020 Based on Remote Sensing in Anhui Province, China. Remote Sensing, 2023, 15, 2029.	4.0	0
114	A Spatiotemporally Constrained Interpolation Method for Missing Pixel Values in the Suomi-NPP VIIRS Monthly Composite Images: Taking Shanghai as an Example. Remote Sensing, 2023, 15, 2480.	4.0	1
115	Analysing sustainable-progress typologies in European metropolitan regions. Cities, 2023, 137, 104347.	5.6	0
116	Understanding archetypal spatial gradient patterns in urban economic, population and air quality nexus: New insights from a geographic-process perspective. Sustainable Cities and Society, 2023, 95, 104596.	10.4	3
117	Estimating urban spatial structure based on remote sensing data. Scientific Reports, 2023, 13, .	3.3	4
118	Quantitative Analysis of Spatial Heterogeneity and Driving Forces of the Urban Spatial Structure's Development Level Based on Multi-Source Big Data: A Case Study of Beijing, China. Land, 2023, 12, 1178.	2.9	0
119	Spatiotemporal Characteristics of Urbanization in the Taiwan Strait Based on Nighttime Light Data from 1992 to 2020. Remote Sensing, 2023, 15, 3226.	4.0	2
120	Generating Natural Cities Using 3D Road Network to Explore Living Structure: A Case Study in Hong Kong. Smart Cities, 2023, 6, 1485-1506.	9.4	0
121	A Vegetation Nighttime Condition Index Derived From the Triangular Feature Space Between Nighttime Light Intensity and Vegetation Index. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-15.	6.3	0
122	Exploring Divergent Patterns and Dynamics of Urban and Active Rural Developments—A Case Study of Dezhou City. ISPRS International Journal of Geo-Information, 2023, 12, 362.	2.9	0
123	Regularity of rural settlement changes driven by rapid urbanization in North China over the three decades. Science Bulletin, 2023, 68, 2115-2124.	9.0	4
124	Global spatial patterns between nighttime light intensity and urban building morphology. International Journal of Applied Earth Observation and Geoinformation, 2023, 124, 103495.	1.9	1
125	Extracting and Evaluating Urban Entities in China from 2000 to 2020 Based on SNPP-VIIRS-like Data. Remote Sensing, 2023, 15, 4632.	4.0	1
126	Simulating urban growth by coupling macro-processes and micro-dynamics: a case study on Wuhan, China. GIScience and Remote Sensing, 2023, 60, .	5.9	1

#	Article	IF	CITATIONS
127	Comprehensive strength evaluation system of commercial centres based on multi-source data: a case of Hefei central city. Scientific Reports, 2023, 13, .	3.3	0
128	Spatial Heterogeneity and Hierarchy of Metropolitan Area Expansion and Land Surface Temperature Evolution: A Twin City Perspective. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, , 1-12.	4.9	0
129	A topology-based approach to identifying urban centers in America using multi-source geospatial big data. Computers, Environment and Urban Systems, 2024, 107, 102045.	7.1	0
130	Identification and characterization of urban polycentric structure based on points of interest in Shenyang, China. Growth and Change, 2024, 55, .	2.6	0
131	Detecting Urban Sprawl through Nighttime Light Changes. Sustainability, 2023, 15, 16506.	3.2	1
132	50-Year Urban Expansion Patterns in Shanghai: Analysis Using Impervious Surface Data and Simulation Models. Land, 2023, 12, 2065.	2.9	0
133	Do the urban polycentricity and dispersion affect multisectoral carbon dioxide emissions? A case study of 95 cities in southeast China based on nighttime light data. International Journal of Digital Earth, 2023, 16, 4867-4884.	3.9	1
134	Urban public lighting classification method and analysis of energy and environmental effects based on SDGSAT-1 glimmer imager data. Applied Energy, 2024, 355, 122355.	10.1	0
135	Identification of irregular extension features and fragmented spatial governance within urban fringe areas. Applied Geography, 2024, 162, 103172.	3.7	4
136	Enhancing nighttime light remote Sensing: Introducing the nighttime light background value (NLBV) for urban applications. International Journal of Applied Earth Observation and Geoinformation, 2024, 126, 103626.	1.9	0
137	Temporal and Spatial Evolution Analysis and Correlation Measurement of Urban–Rural Fringes Based on Nighttime Light Data. Remote Sensing, 2024, 16, 88.	4.0	0
138	A new hierarchical analysis framework of building heights: Towards a more intuitive understanding of <scp>3D</scp> urban structure. Transactions in GIS, 2024, 28, 40-57.	2.3	0
139	Can polycentric cities provide more and higher-order consumer amenities? Evidence from shopping malls in China. Applied Geography, 2024, 164, 103198.	3.7	0
140	The Synergy Between Remote Sensing and Social Sensing in Urban Studies: Review and perspectives. IEEE Geoscience and Remote Sensing Magazine, 2024, 12, 108-137.	9.6	0
141	A New Urban Built-Up Index and Its Application in National Central Cities of China. ISPRS International Journal of Geo-Information, 2024, 13, 21.	2.9	0
142	Mapping Urban Expansions along China–Europe Railway Express with the 30 m Time-Series Global Impervious Surface Area (GISA-2) Data from 2010 to 2019. Sustainability, 2024, 16, 1651.	3.2	0
143	Whither less is more? Understanding the contextual and configurational conditions of polycentricity to improve urban agglomeration efficiency. Cities, 2024, 149, 104884.	5.6	0
144	Future Scenarios of Urban Nighttime Lights: A Method for Global Cities and Its Application to Urban Expansion and Carbon Emission Estimation. Remote Sensing, 2024, 16, 1018.	4.0	0