Monitoring urbanization in mega cities from space

Citation Report

#	ARTICLE	IF	CITATIONS
1	Monitoring of global urbanization-time series analyses for mega cities based on optical and SAR data. , 2012, , .		3
2	Pixel-based classification algorithm for mapping urban footprints from radar data: a case study for RADARSAT-2. Canadian Journal of Remote Sensing, 2012, 38, 211-222.	1.1	12
3	Landsat analysis of urban growth: How Tokyo became the world's largest megacity during the last 40 years. Remote Sensing of Environment, 2012, 127, 210-222.	4.6	192
4	Optical satellite imagery for quantifying spatio-temporal dimension of physical exposure in disaster risk assessments. Natural Hazards, 2013, 68, 1271-1289.	1.6	25
5	Monitoring Urban Landscape Dynamics Over Delhi (India) Using Remote Sensing (1998â€"2011) Inputs. Journal of the Indian Society of Remote Sensing, 2013, 41, 641-650.	1.2	66
6	Spatiotemporal urbanization processes in the megacity of Mumbai, India: A Markov chains-cellular automata urban growth model. Applied Geography, 2013, 40, 140-149.	1.7	295
7	Support vector regression and synthetically mixed training data for quantifying urban land cover. Remote Sensing of Environment, 2013, 137, 184-197.	4.6	120
8	Delineation of Central Business Districts in mega city regions using remotely sensed data. Remote Sensing of Environment, 2013, 136, 386-401.	4.6	134
9	Monitoring urbanization dynamics in India using DMSP/OLS night time lights and SPOT-VGT data. International Journal of Applied Earth Observation and Geoinformation, 2013, 23, 49-61.	1.4	159
10	Urban sprawl and fragmentation in Latin America: A dynamic quantification and characterization of spatial patterns. Journal of Environmental Management, 2013, 115, 87-97.	3.8	236
11	Learning User's Confidence for Active Learning. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 872-880.	2.7	19
12	Extracting building stock information from optical satellite imagery for mapping earthquake exposure and its vulnerability. Natural Hazards, 2013, 68, 79-95.	1.6	32
13	A review of regional science applications of satellite remote sensing in urban settings. Computers, Environment and Urban Systems, 2013, 37, 1-17.	3.3	219
14	Urban growth of the Washington, D.C.â€"Baltimore, MD metropolitan region from 1984 to 2010 by annual, Landsat-based estimates of impervious cover. Remote Sensing of Environment, 2013, 129, 42-53.	4.6	209
15	Advanced Classification of Lands at TM and Envisat Images of Mongolia. Advances in Remote Sensing, 2013, 02, 102-110.	0.2	5
16	Delimiting central business districts â€" A physical approach using remote sensing. , 2013, , .		2
17	The use of high resolution digital surface models for change detection and viewshed analysis in the urban area around the pyramids of Giza, Egypt. , 2013, , .		1
18	Automatic recognition of built-up areas in China using CBERS-2B HR data. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	The changing face of urban growth: An analysis using earth observation data. , 2013, , .		1
20	From Suburbanization to Counterurbanization?. Environment and Urbanization ASIA, 2013, 4, 247-266.	0.9	28
21	Rapid Urban Expansion and Its Implications on Geomorphology: A Remote Sensing and GIS Based Study. Geography Journal, 2014, 2014, 1-10.	0.8	17
22	The Relationship between Urban Sprawl and Farmland Displacement in the Pearl River Delta, China. Land, 2014, 3, 34-51.	1.2	45
23	Urban Built-Up Area Extraction from Landsat TM/ETM+ Images Using Spectral Information and Multivariate Texture. Remote Sensing, 2014, 6, 7339-7359.	1.8	75
24	A comparative analysis of megacity expansions in China and the U.S.: Patterns, rates and driving forces. Landscape and Urban Planning, 2014, 132, 121-135.	3.4	198
25	The Capabilities of Earth Observation to Contribute along the Risk Cycle. , 2014, , 25-53.		2
26	Active learning classification and change detection on multispectral images. , 2014, , .		3
27	Human settlements from Landsat data using Google Earth Engine. , 2014, , .		9
28	Target-driven extraction of built-up land changes from high-resolution imagery. Journal of Applied Remote Sensing, 2014, 8, 084594.	0.6	7
29	Land-cover change analysis in 50 global cities by using a combination of Landsat data and analysis of grid cells. Environmental Research Letters, 2014, 9, 064015.	2.2	105
30	Uncertainty and sensitivity analyses in seismic risk assessments on the example of Cologne, Germany. Natural Hazards and Earth System Sciences, 2014, 14, 1625-1640.	1.5	21
31	Spatio-temporal Data Mining for Climate Data: Advances, Challenges, and Opportunities. Studies in Big Data, 2014, , 83-116.	0.8	39
32	The physical face of slums: a structural comparison of slums in Mumbai, India, based on remotely sensed data. Journal of Housing and the Built Environment, 2014, 29, 15-38.	0.9	109
33	Satellite remote sensing for applied ecologists: opportunities and challenges. Journal of Applied Ecology, 2014, 51, 839-848.	1.9	378
34	Research on global change scientific satellites. Science China Earth Sciences, 2014, 57, 204-215.	2.3	17
35	Random forest classification of urban landscape using Landsat archive and ancillary data: Combining seasonal maps with decision level fusion. Applied Geography, 2014, 48, 31-41.	1.7	83
36	Urban ecosystem modeling and global change: Potential for rational urban management and emissions mitigation. Environmental Pollution, 2014, 190, 139-149.	3.7	132

#	ARTICLE	IF	CITATIONS
37	From land cover-graphs to urban structure types. International Journal of Geographical Information Science, 2014, 28, 584-609.	2.2	54
38	Estimates of forest degradation: An algorithm based on active learning, maximum likelihood and PCA for change detection. , 2014, , .		1
39	Discrepant impacts of land use and land cover on urban heat islands: A case study of Shanghai, China. Ecological Indicators, 2014, 47, 171-178.	2.6	54
40	Dimensioning urbanization â€" An advanced procedure for characterizing human settlement properties and patterns using spatial network analysis. Applied Geography, 2014, 55, 212-228.	1.7	56
41	Spatiotemporal dynamics of the urban sprawl in a typical urban agglomeration: a case study on Southern Jiangsu, China (1983â€"2007). Frontiers of Earth Science, 2014, 8, 490-504.	0.9	22
42	New dimensions of urban landscapes: The spatio-temporal evolution from a polynuclei area to a mega-region based on remote sensing data. Applied Geography, 2014, 47, 137-153.	1.7	137
43	Mapping recent built-up area changes in the city of Harare with high resolution satellite imagery. Applied Geography, 2014, 46, 35-44.	1.7	38
44	Supporting Global Environmental Change Research: A Review of Trends and Knowledge Gaps in Urban Remote Sensing. Remote Sensing, 2014, 6, 3879-3905.	1.8	85
45	Mapping Threatened Dry Deciduous Dipterocarp Forest in South-East Asia for Conservation Management. Tropical Conservation Science, 2014, 7, 597-613.	0.6	39
46	Building of a Global Human Settlement Layer from Fine-Scale Remotely Sensed Data. , 2014, , 166-193.		1
47	Mapping and Monitoring of Refugees and Internally Displaced People Using EO Data. , 2014, , 218-239.		1
48	EO Data Processing and Interpretation for Human Settlement Characterization: A Really Global Challenge. , 2014, , 58-71.		1
49	Monitoring bidecadal development of urban agglomeration with remote sensing images in the Jing-Jin-Tang area, China. Journal of Applied Remote Sensing, 2014, 8, 084592.	0.6	8
50	disP Service. Disp, 2015, 51, 78-89.	0.8	1
51	Integration of multi-seasonal Landsat 8 and TerraSAR-X data for urban mapping: An assessment. , 2015, , .		2
52	Feature-independent classification of hyperspectral images by projection-based random forests. , 2015, , .		1
53	A new urban landscape in Eastâ€"Southeast Asia, 2000â€"2010. Environmental Research Letters, 2015, 10, 034002.	2.2	134
54	Tracking Land Use/Land Cover Dynamics in Cloud Prone Areas Using Moderate Resolution Satellite Data: A Case Study in Central Africa. Remote Sensing, 2015, 7, 6683-6709.	1.8	38

#	ARTICLE	IF	CITATIONS
55	Historical Urban Land Use Transformation in Virtual Geo-Library. ISPRS International Journal of Geo-Information, 2015, 4, 1500-1511.	1.4	6
56	Fusion of Airborne Hyperspectral and LiDAR Remote Sensing Data to Study the Thermal Characteristics of Urban Environments. , 2015, , 273-292.		5
57	Analysis on the optimal system parameters of space-borne SAR for urban areas extraction. Optik, 2015, 126, 1236-1239.	1.4	1
58	Normalization of TanDEM-X DSM Data in Urban Environments With Morphological Filters. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4348-4362.	2.7	31
59	Unsupervised change detection for urban expansion monitoring: An object-based approach. , 2015, , .		2
60	NORCAMA: Change analysis in SAR time series by likelihood ratio change matrix clustering. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 101, 247-261.	4.9	29
61	Use of Binary Partition Tree and energy minimization for object-based classification of urban land cover. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 102, 48-61.	4.9	22
62	Multiclass feature learning for hyperspectral image classification: Sparse and hierarchical solutions. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 105, 272-285.	4.9	88
64	Detecting fractional land-cover change in arid and semiarid urban landscapes with multitemporal Landsat Thematic mapper imagery. GIScience and Remote Sensing, 2015, 52, 700-722.	2.4	23
65	Remote Sensing Time Series Revealing Land Surface Dynamics: Status Quo and the Pathway Ahead. Remote Sensing and Digital Image Processing, 2015, , 1-24.	0.7	19
67	Spaceborne SAR data for global urban mapping at 30m resolution using a robust urban extractor. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 103, 28-37.	4.9	93
68	Urban transformation in the National Capital Territory of Delhi, India: The emergence and growth of slums?. Habitat International, 2015, 48, 87-96.	2.3	20
69	Recent Advances on 2D and 3D Change Detection in Urban Environments from Remote Sensing Data. , 2015, , 237-272.		15
70	Remote Sensing Time Series. Remote Sensing and Digital Image Processing, 2015, , .	0.7	54
71	Performance analysis of radial basis function networks and multi-layer perceptron networks in modeling urban change: a case study. International Journal of Geographical Information Science, 2015, 29, 606-623.	2.2	28
72	Measuring rural settlement expansion in Uzbekistan using remote sensing to support spatial planning. Applied Geography, 2015, 62, 29-43.	1.7	69
73	Classification of urban structural types with multisource data and structured models. , 2015, , .		15
74	The spatial network of megaregions - Types of connectivity between cities based on settlement patterns derived from EO-data. Computers, Environment and Urban Systems, 2015, 54, 165-180.	3.3	41

#	Article	IF	Citations
75	Evaluating the use of uncertainty visualization for exploratory analysis of land cover change: A qualitative expert user study. Computers and Geosciences, 2015, 84, 46-53.	2.0	14
76	Detecting change in urban areas at continental scales with MODIS data. Remote Sensing of Environment, 2015, 158, 331-347.	4.6	147
77	A new transportation system for efficient and sustainable cities: Development of a next generation variable speed moving walkway. Sustainable Cities and Society, 2015, 14, 209-214.	5.1	9
78	Spatiotemporal variability of urban growth factors: A global and local perspective on the megacity of Mumbai. International Journal of Applied Earth Observation and Geoinformation, 2015, 35, 187-198.	1.4	90
79	Multitemporal settlement and population mapping from Landsat using Google Earth Engine. International Journal of Applied Earth Observation and Geoinformation, 2015, 35, 199-208.	1.4	214
80	Monitoring sustainable urban development using built-up area indicators: a case study of Stellenbosch, South Africa. Environment, Development and Sustainability, 2015, 17, 547-566.	2.7	21
81	Spatiotemporal Modeling of Urban Growth Predictions Based on Driving Force Factors in Five Saudi Arabian Cities. ISPRS International Journal of Geo-Information, 2016, 5, 139.	1.4	21
82	Spatiotemporal Analysis of Urban Growth Using GIS and Remote Sensing: A Case Study of the Colombo Metropolitan Area, Sri Lanka. ISPRS International Journal of Geo-Information, 2016, 5, 197.	1.4	67
83	The Physical Density of the City—Deconstruction of the Delusive Density Measure with Evidence from Two European Megacities. ISPRS International Journal of Geo-Information, 2016, 5, 206.	1.4	27
84	A Global Inventory of Urban Corridors Based on Perceptions and Night-Time Light Imagery. ISPRS International Journal of Geo-Information, 2016, 5, 233.	1.4	14
85	Detecting the Boundaries of Urban Areas in India: A Dataset for Pixel-Based Image Classification in Google Earth Engine. Remote Sensing, 2016, 8, 634.	1.8	160
86	Urban Land Cover Change Modelling Using Time-Series Satellite Images: A Case Study of Urban Growth in Five Cities of Saudi Arabia. Remote Sensing, 2016, 8, 838.	1.8	57
87	General Spatiotemporal Patterns of Urbanization: An Examination of 16 World Cities. Sustainability, 2016, 8, 41.	1.6	53
88	Urban Sprawl Patterns and Processes in Delhi from 1977 to 2014 Based on Remote Sensing and Spatial Metrics Approaches. Earth Interactions, 2016, 20, 1-29.	0.7	38
89	Multitemporal Remote Sensing: Current Status, Trends and Challenges. Remote Sensing and Digital Image Processing, 2016, , 1-18.	0.7	2
90	Change Detection Techniques: A Review. Remote Sensing and Digital Image Processing, 2016, , 19-43.	0.7	33
91	Fusion of Multitemporal Spaceborne SAR and Optical Data for Urban Mapping and Urbanization Monitoring. Remote Sensing and Digital Image Processing, 2016, , 107-123.	0.7	4
92	Hotspots of land use change in Europe. Environmental Research Letters, 2016, 11, 064020.	2.2	174

#	ARTICLE	IF	CITATIONS
93	How good is the map? A multi-scale cross-comparison framework for global settlement layers: Evidence from Central Europe. Remote Sensing of Environment, 2016, 178, 191-212.	4.6	99
94	Humans on Earth: Global extents of anthropogenic land cover from remote sensing. Anthropocene, 2016, 14, 1-33.	1.6	44
95	Updating urban extents with nighttime light imagery by using an object-based thresholding method. Remote Sensing of Environment, 2016, 187, 1-13.	4.6	101
96	Spatiotemporal patterns of urban change and associated environmental impacts in five Saudi Arabian cities: A case study using remote sensing data. Habitat International, 2016, 58, 75-88.	2.3	19
97	Urban land use pattern identification using variogram on image. Proceedings of the Institution of Civil Engineers: Urban Design and Planning, 2016, 169, 56-65.	0.6	2
98	Temporal monitoring of subglacial volcanoes with TanDEM-X â€" Application to the 2014â€"2015 eruption within the BÃ¡rÃ°arbunga volcanic system, Iceland. Remote Sensing of Environment, 2016, 181, 186-197.	4.6	39
99	Human settlement analysis based on multi-temporal remote sensing data: A case study of Xuzhou City, China. Chinese Geographical Science, 2016, 26, 389-400.	1.2	11
100	DETECTING COASTAL URBANIZATION AND LAND USE CHANGE IN SOUTHERN TURKEY. Journal of Environmental Engineering and Landscape Management, 2016, 24, 97-107.	0.4	13
101	How do we want Satellite Remote Sensing to support biodiversity conservation globally?. Methods in Ecology and Evolution, 2016, 7, 656-665.	2.2	40
102	Projecting the Urban Future: Contributions from Remote Sensing. Spatial Demography, 2016, 4, 17-37.	0.4	2
103	Mapping sub-pixel urban expansion in China using MODIS and DMSP/OLS nighttime lights. Remote Sensing of Environment, 2016, 175, 92-108.	4.6	129
104	New spatial dimensions of global cityscapes: From reviewing existing concepts to a conceptual spatial approach. Journal of Chinese Geography, 2016, 26, 355-380.	1.5	20
105	Characterizing the magnitude, timing and duration of urban growth from time series of Landsat-based estimates of impervious cover. Remote Sensing of Environment, 2016, 175, 1-13.	4.6	195
106	Estimation of Seismic Vulnerability Levels of Urban Structures With Multisensor Remote Sensing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1913-1936.	2.3	23
108	Rural settlement changes in compound land use areas: Characteristics and reasons of changes in a mixed mining-rural-settlement area in Shanxi Province, China. Habitat International, 2017, 61, 9-21.	2.3	39
109	Urban Building Density Estimation From High-Resolution Imagery Using Multiple Features and Support Vector Regression. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3265-3280.	2.3	41
110	Modelling the forest transition in Central Western Ghats, India. Spatial Information Research, 2017, 25, 117-130.	1.3	7
111	Impact of the 2008 Olympic Games on urban thermal environment in Beijing, China from satellite images. Sustainable Cities and Society, 2017, 32, 212-225.	5.1	12

#	ARTICLE	IF	CITATIONS
112	Evaluation of clustering algorithms for unsupervised change detection in VHR remote sensing imagery. , 2017, , .		1
113	Urban Growth Evaluation: A New Approach Using Neighborhood Characteristics of Remotely Sensed Land Use Data. Advances in Geographic Information Science, 2017, , 181-196.	0.3	2
115	LULC analysis of urban spaces using Markov chain predictive model at Ranchi in India. Spatial Information Research, 2017, 25, 351-359.	1.3	42
116	Class imbalance in unsupervised change detection â€" A diagnostic analysis from urban remote sensing. International Journal of Applied Earth Observation and Geoinformation, 2017, 60, 83-98.	1.4	30
117	Spatio-temporal analysis of the relationship between 2D/3D urban site characteristics and land surface temperature. Remote Sensing of Environment, 2017, 193, 225-243.	4.6	161
118	Sensitivity analysis and accuracy assessment of the land transformation model using cellular automata. GIScience and Remote Sensing, 2017, 54, 639-656.	2.4	48
119	Sustainable urban freight transport in megacities in emerging markets. Sustainable Cities and Society, 2017, 32, 31-41.	5.1	85
120	Multitask Active Learning for Characterization of Built Environments With Multisensor Earth Observation Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 5583-5597.	2.3	15
121	Assessing the suitability of regional human settlements environment from a different preferences perspective: A case study of Zhejiang Province, China. Habitat International, 2017, 70, 1-12.	2.3	82
122	New urban map of Eurasia using MODIS and multi-source geospatial data. Geo-Spatial Information Science, 2017, 20, 29-38.	2.4	16
123	Extraction and Analysis of Mega Citiesâ€™ Impervious Surface on Pixel-based and Object-oriented Support Vector Machine Classification Technology: A case of Bombay. IOP Conference Series: Earth and Environmental Science, 2017, 57, 012042.	0.2	1
124	Validation of the DLR Global Urban Footprint in rural areas: A case study for Burkina Faso. , 2017, , .		5
125	Spatial patterns of slums: Comparing African and Asian cities. , 2017, , .		13
126	Joint use of remote sensing data and volunteered geographic information for exposure estimation: evidence from ValparaÃso, Chile. Natural Hazards, 2017, 86, 81-105.	1.6	28
127	Perspectives on global dynamic exposure modelling for geo-risk assessment. Natural Hazards, 2017, 86, 7-30.	1.6	53
128	Monitoring the built-up environment of Shanghai on the street-block level using SAR and volunteered geographic information. International Journal of Digital Earth, 2017, 10, 675-686.	1.6	6
129	Climate-driven endemic cholera is modulated by human mobility in a megacity. Advances in Water Resources, 2017, 108, 367-376.	1.7	11
130	A study of periurban areas land uses based on their fractal dimension: The case of three periurban municipalities of Buenos Aires. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
131	Modeling Future Urban Sprawl and Landscape Change in the Laguna de Bay Area, Philippines. Land, 2017, 6, 26.	1.2	30
132	Transforming Urban Dichotomies and Challenges of South Asian Megacities: Rethinking Sustainable Growth of Dhaka, Bangladesh. Urban Science, 2017, 1, 31.	1.1	59
133	Regions Set in Stone—Delimiting and Categorizing Regions in Europe by Settlement Patterns Derived from EO-Data. ISPRS International Journal of Geo-Information, 2017, 6, 55.	1.4	13
134	Change of Land Use/Cover in Tianjin City Based on the Markov and Cellular Automata Models. ISPRS International Journal of Geo-Information, 2017, 6, 150.	1.4	26
135	A Modified Normalized Difference Impervious Surface Index (MNDISI) for Automatic Urban Mapping from Landsat Imagery. Remote Sensing, 2017, 9, 942.	1.8	64
136	Is Spatial Resolution Critical in Urbanization Velocity Analysis? Investigations in the Pearl River Delta. Remote Sensing, 2017, 9, 80.	1.8	7
137	Urban Expansion Assessment in Huaihe River Basin, China, from 1998 to 2013 Using Remote Sensing Data. Journal of Sensors, 2017, 2017, 1-10.	0.6	9
138	The morphology of the Arrival City - A global categorization based on literature surveys and remotely sensed data. Applied Geography, 2018, 92, 150-167.	1.7	116
139	Global logistics city concept: a cluster-led strategy under the belt and road initiative. Maritime Policy and Management, 2018, 45, 319-335.	1.9	32
140	Open Data for Global Multimodal Land Use Classification: Outcome of the 2017 IEEE GRSS Data Fusion Contest. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1363-1377.	2.3	104
141	Mapping patterns of urban development in Ouagadougou, Burkina Faso, using machine learning regression modeling with bi-seasonal Landsat time series. Remote Sensing of Environment, 2018, 210, 217-228.	4.6	51
142	Utilizing publicly available satellite data for urban research: Mapping built-up land cover and land use in Ho Chi Minh City, Vietnam. Development Engineering, 2018, 3, 83-99.	1.4	52
143	Annual dynamics of impervious surfaces at city level of Pearl River Delta metropolitan. International Journal of Remote Sensing, 2018, 39, 3537-3555.	1.3	7
144	The potential of volunteered geographic information to investigate peri-urbanization in the conservation zone of Mexico City. Environmental Monitoring and Assessment, 2018, 190, 219.	1.3	12
145	Multi-sensor feature fusion for very high spatial resolution built-up area extraction in temporary settlements. Remote Sensing of Environment, 2018, 209, 793-807.	4.6	45
147	Using Landsat and nighttime lights for supervised pixel-based image classification of urban land cover. Remote Sensing of Environment, 2018, 205, 253-275.	4.6	146
148	Evaluating the suitability of different terrains for sustaining human settlements according to the local elevation range in China using the ASTER GDEM. Journal of Mountain Science, 2018, 15, 2741-2751.	0.8	16
149	An Improved Boosting Learning Saliency Method for Built-Up Areas Extraction in Sentinel-2 Images. Remote Sensing, 2018, 10, 1863.	1.8	5

#	ARTICLE	IF	CITATIONS
150	Remote Sensing Derived Built-Up Area and Population Density to Quantify Global Exposure to Five Natural Hazards over Time. Remote Sensing, 2018, 10, 1378.	1.8	34
151	Peri-Urban Dynamics in Murcia Region (SE Spain): The Successful Case of the Altorreal Complex. Urban Science, 2018, 2, 60.	1.1	2
152	Land use and landscape pattern changes of Weihai, China based on object-oriented SVM classification from Landsat MSS/TM/OLI images. European Journal of Remote Sensing, 2018, 51, 1036-1048.	1.7	18
153	Classification of Settlement Types from Tweets Using LDA and LSTM. , 2018, , .		12
154	Feature Importance Analysis for Local Climate Zone Classification Using a Residual Convolutional Neural Network with Multi-Source Datasets. Remote Sensing, 2018, 10, 1572.	1.8	53
155	Remote Sensing of Urban Environments. , 2018, , 96-127.		11
156	Urban growth modelling using Cellular Automata coupled with land cover indices for Kolkata Metropolitan region. IOP Conference Series: Earth and Environmental Science, 0, 169, 012090.	0.2	4
157	Urban Expansion in China Based on Remote Sensing Technology: A Review. Chinese Geographical Science, 2018, 28, 727-743.	1.2	65
158	A global record of annual urban dynamics (1992â€"2013) from nighttime lights. Remote Sensing of Environment, 2018, 219, 206-220.	4.6	193
159	Iterative feature mapping network for detecting multiple changes in multi-source remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 146, 38-51.	4.9	33
160	Are all cities with similar urban form or not? Redefining cities with ubiquitous points of interest and evaluating them with indicators at city and block levels in China. International Journal of Geographical Information Science, 2018, 32, 2447-2476.	2.2	55
161	Improving Building Change Detection in VHR Remote Sensing Imagery by Combining Coarse Location and Co-Segmentation. ISPRS International Journal of Geo-Information, 2018, 7, 213.	1.4	15
162	SPATIAL EXPLICIT MODELING TO UNDERSTAND THE DYNAMICS OF LANDUSE SWITCH USING OPEN SOURCE SATELLITE DATA. Geoplanning, 2018, 5, 1.	0.5	1
163	Analyzing horizontal and vertical urban expansions in three East Asian megacities with the SS-coMCRF model. Landscape and Urban Planning, 2018, 177, 114-127.	3.4	44
164	Improving the Efficiency of Land Cover Classification by Combining Segmentation, Hierarchical Clustering, and Active Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4016-4031.	2.3	4
165	Annual Urban Expansion Extraction and Spatio-Temporal Analysis Using Landsat Time Series Data: A Case Study of Tianjin, China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2644-2656.	2.3	19
166	Portraying Urban Functional Zones by Coupling Remote Sensing Imagery and Human Sensing Data. Remote Sensing, 2018, 10, 141.	1.8	110
167	A Holistic Concept to Design Optimal Water Supply Infrastructures for Informal Settlements Using Remote Sensing Data. Remote Sensing, 2018, 10, 216.	1.8	16

#	ARTICLE	IF	CITATIONS
168	Can ISO-Defined Urban Sustainability Indicators Be Derived from Remote Sensing: An Expert Weighting Approach. Sustainability, 2018, 10, 1268.	1.6	28
169	Remote Sensing for Ecosystem Sustainability. , 2018, , 186-201.		1
170	Ten Years of Experience with Scientific TerraSAR-X Data Utilization. Remote Sensing, 2018, 10, 1170.	1.8	13
172	Analyzing Cities with the Global Human Settlement Layer: A Methodology to Compare Urban Growth Using Remote Sensing Data. Green Energy and Technology, 2018, , 151-165.	0.4	4
173	Urbanization between compactness and dispersion: designing a spatial model for measuring 2D binary settlement landscape configurations. International Journal of Digital Earth, 2019, 12, 679-698.	1.6	24
174	Land cover data of Upper Parana River Basin, South America, at high spatial resolution. International Journal of Applied Earth Observation and Geoinformation, 2019, 83, 101926.	1.4	21
175	Has Dongying developed to a ghost city? - Evidence from multi-temporal population estimation based on VHR remote sensing and census counts. Computers, Environment and Urban Systems, 2019, 78, 101372.	3.3	23
176	A new ranking of the world's largest cities—Do administrative units obscure morphological realities?. Remote Sensing of Environment, 2019, 232, 111353.	4.6	96
177	Enhanced sensitivity of the urban heat island effect to summer temperatures induced by urban expansion. Environmental Research Letters, 2019, 14, 094005.	2.2	37
178	Spatial Analysis of Surface Urban Heat Islands in Four Rapidly Growing African Cities. Remote Sensing, 2019, 11, 1645.	1.8	107
179	Detection of Urban Development in Uyo (Nigeria) Using Remote Sensing. Land, 2019, 8, 102.	1.2	20
180	Large-Area Characterization of Urban Morphology—Mapping of Built-Up Height and Density Using TanDEM-X and Sentinel-2 Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 2912-2927.	2.3	39
181	Modeling an Indian megalopolis– A case study on adapting SLEUTH urban growth model. Computers, Environment and Urban Systems, 2019, 77, 101358.	3.3	31
182	Patterns of Eastern European urbanisation in the mirror of Western trends – Convergent, unique or hybrid?. Environment and Planning B: Urban Analytics and City Science, 2019, 46, 1206-1225.	1.0	28
183	Assessing Interannual Urbanization of China's Six Megacities Since 2000. Remote Sensing, 2019, 11, 2138.	1.8	13
184	Mapping settlement systems in China and their change trajectories between 1990 and 2010. Habitat International, 2019, 94, 102069.	2.3	24
185	Detecting Spatiotemporal Features and Rationalities of Urban Expansions within the Guangdong–Hong Kong–Macau Greater Bay Area of China from 1987 to 2017 Using Time-Series Landsat Images and Socioeconomic Data. Remote Sensing, 2019, 11, 2215.	1.8	33
186	Two-Time-Scale Braking Controller Design With Sliding Mode for Electric Vehicles Over CAN. IEEE Access, 2019, 7, 128086-128096.	2.6	8

#	ARTICLE	IF	CITATIONS
187	Remote Sensing in Environmental Justice Researchâ€"A Review. ISPRS International Journal of Geo-Information, 2019, 8, 20.	1.4	38
189	Estimating and Examining the Sensitivity of Different Vegetation Indices to Fractions of Vegetation Cover at Different Scaling Grids for Early Stage Acacia Plantation Forests Using a Fixed-Wing UAS. Remote Sensing, 2019, 11, 1816.	1.8	19
190	An Object-Based Hierarchical Compound Classification Method for Change Detection in Heterogeneous Optical and SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9941-9959.	2.7	50
191	Use of a Modified DANP-mV Model to Improve Quality of Life in Rural Residents: The Empirical Case of Xingshisi Village, China. International Journal of Environmental Research and Public Health, 2019, 16, 153.	1.2	26
192	Local climate zone-based urban land cover classification from multi-seasonal Sentinel-2 images with a recurrent residual network. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 154, 151-162.	4.9	101
193	Multivariate simulation modelling for adaptive long-term infrastructure planning. Infrastructure Asset Management, 2019, 6, 129-137.	1.2	4
194	Understanding urban landuse from the above and ground perspectives: A deep learning, multimodal solution. Remote Sensing of Environment, 2019, 228, 129-143.	4.6	90
195	Understanding an urbanizing planet: Strategic directions for remote sensing. Remote Sensing of Environment, 2019, 228, 164-182.	4.6	227
196	The processes of incorporation and secession of urban and suburban municipalities: The case of Poland. Norsk Geografisk Tidsskrift, 2019, 73, 110-127.	0.3	10
197	Analysis of urban growth from 1960 to 2015 using historical DISP and Landsat time series data in Shanghai. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	4
198	High-Resolution Urban Land Mapping in China from Sentinel 1A/2 Imagery Based on Google Earth Engine. Remote Sensing, 2019, 11, 752.	1.8	84
199	Perspective on Resilient Cities: Introduction and Overview. Urban Book Series, 2019, , 1-9.	0.3	1
200	Geo-visualization of landscape dynamics in the proposed mega industrial corridor. Environmental Monitoring and Assessment, 2019, 191, 788.	1.3	3
201	The contours of a new urban world? Megacity population growth and density since 1975. Town Planning Review, 2019, 90, 653-678.	0.9	10
202	Differentially Deep Subspace Representation for Unsupervised Change Detection of SAR Images. Remote Sensing, 2019, 11, 2740.	1.8	8
203	The Spatial Pattern of Urban Settlement in China from the 1980s to 2010. Sustainability, 2019, 11, 6704.	1.6	5
204	Characterizing Urban Expansion of Small Cities in Nigeria and Democratic Republic of The Congo Using Landsat Time Series. , 2019, , .		0
205	Directional and Zonal Analysis of Urban Thermal Environmental Change in Fuzhou as an Indicator of Urban Landscape Transformation. Remote Sensing, 2019, 11, 2810.	1.8	12

#	ARTICLE	IF	CITATIONS
206	Understanding urban expansion combining macro patterns and micro dynamics in three Southeast Asian megacities. Science of the Total Environment, 2019, 660, 375-383.	3.9	77
207	Modeling urban dynamics along two major industrial corridors in India. Spatial Information Research, 2019, 27, 37-48.	1.3	18
208	Future urban rainfall projections considering the impacts of climate change and urbanization with statistical–dynamical integrated approach. Climate Dynamics, 2019, 52, 6033-6051.	1.7	20
209	Building a Data Platform for Cross-Country Urban Health Studies: the SALURBAL Study. Journal of Urban Health, 2019, 96, 311-337.	1.8	89
210	An assessment of the impact of urbanization and land use changes in the fast-growing cities of Saudi Arabia. Geocarto International, 2019, 34, 78-97.	1.7	32
211	Urbanization in China from the end of 1980s until 2010 – spatial dynamics and patterns of growth using EO-data. International Journal of Digital Earth, 2019, 12, 78-94.	1.6	38
212	Comparison of spatial modelling approaches to simulate urban growth: a case study on Udaipur city, India. Geocarto International, 2020, 35, 411-433.	1.7	20
213	Towards a novel backdating strategy for creating built-up land time series data using contemporary spatial constraints. Remote Sensing of Environment, 2020, 238, 111197.	4.6	16
214	Redevelopment modeling for land suitability evaluation of the suburb brown-fields using fuzzy logic and GIS, northeastern Iran. Environment, Development and Sustainability, 2020, 22, 6213-6232.	2.7	8
215	Mapping Plastic Greenhouses Using Spectral Metrics Derived From GaoFen-2 Satellite Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 49-59.	2.3	31
216	An exploratory evaluation of urban street networks for last mile distribution. Cities, 2020, 107, 102916.	2.7	11
217	The global homogenization of urban form. An assessment of 194 cities across time. Landscape and Urban Planning, 2020, 204, 103949.	3.4	62
218	Mapping horizontal and vertical urban densification in Denmark with Landsat time-series from 1985 to 2018: A semantic segmentation solution. Remote Sensing of Environment, 2020, 251, 112096.	4.6	57
219	Measuring the spatial hierarchical urban system in China in reference to the Central Place Theory. Habitat International, 2020, 105, 102264.	2.3	10
220	Delineation of built-up land change from SAR stack by analysing the coefficient of variation. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 169, 93-108.	4.9	17
221	FSDAF 2.0: Improving the performance of retrieving land cover changes and preserving spatial details. Remote Sensing of Environment, 2020, 248, 111973.	4.6	65
222	Spatial and Temporal Human Settlement Growth Differentiation with Symbolic Machine Learning for Verifying Spatial Policy Targets: Assiut Governorate, Egypt as a Case Study. Remote Sensing, 2020, 12, 3799.	1.8	3
223	Fragmented Or Compact: The Case Of Periurban Municipalities in the Northwest of the Metropolitan Area of Buenos Aires. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
224	Multistrategy ensemble regression for mapping of built-up density and height with Sentinel-2 data. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 170, 57-71.	4.9	26
225	Transformation of Urban Surfaces and Heat Islands in Nanjing during 1984–2018. Sustainability, 2020, 12, 6521.	1.6	6
226	Change Pattern Exploration With Hierarchical Bi-Clustering On Sentinel-1 Sar And Nighttime Light Data. , 2020, , .		2
227	Investigating Future Urbanization's Impact on Local Climate under Different Climate Change Scenarios in MEGA-urban Regions: A Case Study of the Pearl River Delta, China. Atmosphere, 2020, 11, 771.	1.0	11
228	A systematic review of urban sprawl studies in India: a geospatial data perspective. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	12
229	Jinan City Land Use Monitoring Based on Landsat data from 2009 to 2014. IOP Conference Series: Earth and Environmental Science, 2020, 474, 042032.	0.2	0
230	Monitoring of Urban Growth Patterns in Rapidly Growing Bahir Dar City of Northwest Ethiopia with 30 year Landsat Imagery Record. ISPRS International Journal of Geo-Information, 2020, 9, 548.	1.4	13
231	Detrimental environmental impact of large scale land use through deforestation and deterioration of carbon balance in Istanbul Northern Forest Area. Environmental Earth Sciences, 2020, 79, 1.	1.3	12
232	Continental-scale mapping and analysis of 3D building structure. Remote Sensing of Environment, 2020, 245, 111859.	4.6	116
233	Urban Expansion and Welfare Change in a Medium-sized Suburban City: Surakarta, Indonesia. Environment and Urbanization ASIA, 2020, 11, 78-101.	0.9	20
234	Seven city types representing morphologic configurations of cities across the globe. Cities, 2020, 105, 102814.	2.7	41
235	Cloud Computation Using High-Resolution Images for Improving the SDG Indicator on Open Spaces. Remote Sensing, 2020, 12, 1144.	1.8	15
236	So2Sat LCZ42: A Benchmark Data Set for the Classification of Global Local Climate Zones [Software and Data Sets]. IEEE Geoscience and Remote Sensing Magazine, 2020, 8, 76-89.	4.9	74
237	Detecting and Analyzing the Increase of High-Rising Buildings to Monitor the Dynamic of the Xiong'an New Area. Sustainability, 2020, 12, 4355.	1.6	3
239	Spatial and semantic effects of LUCAS samples on fully automated land use/land cover classification in high-resolution Sentinel-2 data. International Journal of Applied Earth Observation and Geoinformation, 2020, 88, 102065.	1.4	59
240	Automated Extraction of Human Settlement Patterns From Historical Topographic Map Series Using Weakly Supervised Convolutional Neural Networks. IEEE Access, 2020, 8, 6978-6996.	2.6	30
241	Time-Series Satellite Imagery Demonstrates the Progressive Failure of a City Master Plan to Control Urbanization in Abuja, Nigeria. Remote Sensing, 2020, 12, 1112.	1.8	5
242	Exploring the Combined Effect of Urbanization and Climate Variability on Urban Vegetation: A Multi-Perspective Study Based on More than 3000 Cities in China. Remote Sensing, 2020, 12, 1328.	1.8	9

#	ARTICLE	IF	CITATIONS
243	An automatic change detection method for monitoring newly constructed building areas using time-series multi-view high-resolution optical satellite images. Remote Sensing of Environment, 2020, 244, 111802.	4.6	79
244	Assessing 40 years of spatial dynamics and patterns in megacities along the Belt and Road region using satellite imagery. International Journal of Digital Earth, 2021, 14, 71-87.	1.6	15
245	Classifying settlement types from multi-scale spatial patterns of building footprints. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 1161-1179.	1.0	25
246	Urban expansion in the megacity since 1970s: a case study in Mumbai. Geocarto International, 2021, 36, 603-621.	1.7	14
247	Nonlocal patch similarity based heterogeneous remote sensing change detection. Pattern Recognition, 2021, 109, 107598.	5.1	77
248	Estimating quality of life dimensions from urban spatial pattern metrics. Computers, Environment and Urban Systems, 2021, 85, 101549.	3.3	32
249	Mapping past landscapes using landsat data: Upper Paranã River Basin in 1985. Remote Sensing Applications: Society and Environment, 2021, 21, 100436.	0.8	1
250	Formaldehyde total column densities over Mexico City: comparison between multi-axis differential optical absorption spectroscopy and solar-absorption Fourier transform infrared measurements. Atmospheric Measurement Techniques, 2021, 14, 595-613.	1.2	4
251	Earth Environmental Monitoring Using Multi-Temporal Synthetic Aperture Radar: A Critical Review of Selected Applications. Remote Sensing, 2021, 13, 604.	1.8	10
252	A novel approach for quantifying high-frequency urban land cover changes at the block level with scarce clear-sky Landsat observations. Remote Sensing of Environment, 2021, 255, 112293.	4.6	21
253	Algorithmic justice and groundtruthing the remote mapping of informal settlements: The example of Ho Chi Minh City's periphery. Environment and Planning B: Urban Analytics and City Science, 2022, 49, 151-168.	1.0	5
254	Neighborhood dynamics of urban expansion based on morphological spatial pattern analysis and geospatial techniques: a case study of the Colombo metropolitan area, Sri Lanka. Asian Geographer, 2022, 39, 155-175.	0.4	3
255	Quantitative evidence for leapfrogging in urban growth. Environment and Planning B: Urban Analytics and City Science, 0, , 239980832199871.	1.0	2
256	Spatiotemporal Influence of Land Use/Land Cover Change Dynamics on Surface Urban Heat Island: A Case Study of Abuja Metropolis, Nigeria. ISPRS International Journal of Geo-Information, 2021, 10, 272.	1.4	19
257	Understanding the expansion of Italian metropolitan areas: A study based on entropy measures. Environment and Planning B: Urban Analytics and City Science, 0, , 239980832110126.	1.0	1
258	In situ urbanization-driven industrial activities: the Pringapus enclave on the rural-urban fringe of Semarang Metropolitan Region, Indonesia. International Journal of Urban Sciences, 0, , 1-24.	1.3	7
259	AUTOMATIC CHANGE DETECTION OF DIGITAL MAPS USING AERIAL IMAGES AND POINT CLOUDS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2021, 457-464.	0.2	1
260	Smart agriculture â€" Urgent need of the day in developing countries. Sustainable Computing: Informatics and Systems, 2021, 30, 100512.	1.6	34

#	ARTICLE	IF	CITATIONS
261	Simulation and Analysis of Land Use Changes Applying Cellular Automata in the South of Quito and the Machachi Valley, Province of Pichincha, Ecuador. Sustainability, 2021, 13, 9525.	1.6	4
262	A Modified Built-up Index (MBI) for automatic urban area extraction from Landsat 8 Imagery. Infrared Physics and Technology, 2021, 116, 103769.	1.3	6
263	Which city is the greenest? A multi-dimensional deconstruction of city rankings. Computers, Environment and Urban Systems, 2021, 89, 101687.	3.3	15
264	Combining Remote-Sensing-Derived Data and Historical Maps for Long-Term Back-Casting of Urban Extents. Remote Sensing, 2021, 13, 3672.	1.8	8
265	Comparing hillside urbanizations of Beijing-Tianjin-Hebei, Yangtze River Delta and Guangdongâ€"Hong Kongâ€"Macau greater Bay area urban agglomerations in China. International Journal of Applied Earth Observation and Geoinformation, 2021, 102, 102460.	1.4	10
266	A deep learning method for building height estimation using high-resolution multi-view imagery over urban areas: A case study of 42 Chinese cities. Remote Sensing of Environment, 2021, 264, 112590.	4.6	62
267	Geospatial Technology in Urban Sprawl Assessment. Advances in Geospatial Technologies Book Series, 2021, , 1-33.	0.1	0
268	Better security and protection for people and ecological systems: integrated approaches for decoupling urban growth from emission pressures in megacities. , 2021, , 73-93.		0
271	Urbane Strukturen der Macht. , 2015, , 93-105.		1
272	Dicke Luft â€" Stadtregionen als globale Zentren der Luftverschmutzung. , 2015, , 191-203.		1
273	Der Werkzeugkasten der urbanen Fernerkundung â€" Daten und Produkte. , 2015, , 29-38.		1
274	Ohne Limit? Die Expansion von Megacities. , 2015, , 49-58.		3
275	Governance of Megacity Disaster Risks: Confronting the Contradictions. , 2015, , 413-439.		4
276	Exploring the Temporal and Spatial Evolution of the Urbanization of â€œBelt and Roadâ€•Region Based on Nighttime Light Data. Communications in Computer and Information Science, 2020, , 221-233.	0.4	1
277	Breaking ground: Automated disturbance detection with Landsat time series captures rapid refugee settlement establishment and growth in North Uganda. Computers, Environment and Urban Systems, 2020, 82, 101499.	3.3	9
278	A basin-level analysis of flood risk in urban and periurban areas: A case study in the metropolitan region of Buenos Aires, Argentina. Heliyon, 2020, 6, e04517.	1.4	10
279	Characterizing The Evolution Of Indian Cities Using Satellite Imagery And Open Street Maps. , 2020, , .		2
280	Research on Large-Scale Urban Shrinkage and Expansion in the Yellow River Affected Area Using Night Light Data. ISPRS International Journal of Geo-Information, 2021, 10, 5.	1.4	17

#	ARTICLE	IF	CITATIONS
281	Quantification of Annual Settlement Growth in Rural Mining Areas Using Machine Learning. Remote Sensing, 2020, 12, 235.	1.8	16
282	Remote Sensing and GIS Applications for Assessment of Urban Sprawl in Karachi, Pakistan. Science Technology and Development, 2015, 34, 179-188.	0.3	30
283	ADVANCED CLASSIFICATION OF OPTICAL AND SAR IMAGES FOR URBAN LAND COVER MAPPING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2020, 1417-1421.	0.2	3
284	A Group-Lasso Active Set Strategy for Multiclass Hyperspectral Image Classification. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-3, 157-164.	0.0	3
285	Global Human Settlement Analysis for Disaster Risk Reduction. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W3, 837-843.	0.2	27
287	Urban Change Pattern Exploration of Megacities Using Multitemporal Nighttime Light and Sentinel-1 SAR Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10681-10690.	2.3	3
288	How We Live and What That Means - A Character Study with Data from Space. , 2021, , .		0
291	Detecting High-Rise Buildings from Sentinel-2 Data Based on Deep Learning Method. Remote Sensing, 2021, 13, 4073.	1.8	4
292	Automatically Monitoring Impervious Surfaces Using Spectral Generalization and Time Series Landsat Imagery from 1985 to 2020 in the Yangtze River Delta. Journal of Remote Sensing, 2021, 2021, .	3.2	21
293	Evaluation of Economic Linkage between Urban Built-Up Areas in a Mid-Sized City of Uyo (Nigeria). Land, 2021, 10, 1094.	1.2	3
295	Kompaktheit versus Dispersion: Messung und Bewertung von Siedlungsmustern der Erde. , 2015, , 59-70.		0
296	- Regional and Global Urban Land Cover Characterizations. , 2015, , 66-91.		0
297	- Air Quality in Urban Areas—Local and Regional Aspects. , 2015, , 144-167.		0
298	Planning and Managing Spatial Structure and Connectivity. , 2015, , 109-148.		0
299	A Geospatial Approach to Analyze the Impact of Population Growth on Bundelkhand Landscape, Central India. International Journal of Advanced Remote Sensing and GIS, 2016, 5, 1755-1767.	0.2	1
300	TASK-DEPENDENT BAND-SELECTION OF HYPERSPECTRAL IMAGES BY PROJECTION-BASED RANDOM FORESTS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-7, 263-270.	0.0	0
302	APPLING REMOTE SENSING TECHNIQUE TO MONITORING SPATIAL EXPANSION OF IMPORTANT CITIES IN CHINA-INDOCHINA PENINSULA ECONOMIC CORRIDOR. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W7, 1229-1235.	0.2	0
303	IMPROVED CLASSIFICATION OF SATELLITE IMAGERY USING SPATIAL FEATURE MAPS EXTRACTED FROM SOCIAL MEDIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4, 335-342.	0.2	5

#	ARTICLE	IF	CITATIONS
304	Night Light Satellite. , 2019, , 337-367.		0
305	Designing a Water Supply Network for Slums in Rio de Janeiro Using Mixed-Integer Programming. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2019, , 347-354.	0.1	0
306	Welche Wege es zu einer Grünen Stadt gibt es?. , 2019, , 299-367.		0
307	AUTOMATED LAND COVER CHANGE DETECTION THROUGH RAPID UAS UPDATES OF DIGITAL SURFACE MODELS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W11, 155-159.	0.2	0
309	An Automatic High Confidence Sets Selection Strategy for SAR Images Change Detection. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	4
310	Monitoring Metropolitan Growth Dynamics for Achieving Sustainable Urbanization (SDG 11.3) in Kolkata Metropolitan Area, India. Remote Sensing, 2021, 13, 4423.	1.8	11
311	The Implementation of Residential Projects on Sulaimani Master Plan. Kurdistan Journal of Applied Research, 2020, 5, 258-269.	0.4	0
312	USING GOOGLE EARTHâ„¢ AND GEOGRAPHICAL INFORMATION SYSTEM DATA AS METHOD TO DETECT URBAN SPRAWL AND GREEN SPACES FOR BETTER WELL BEING CASE OF A COASTAL LANDSCAPE. International Journal of Research -GRANTHAALAYAH, 2020, 8, 266-276.	0.1	2
313	Development, Production and Implementation of A Landscape Design: Koçarlı-Incirliova Case. Bilge International Journal of Science and Technology Research, 0, , .	0.6	0
315	Quantification of Urban Patterns and Processes through Space and Time Using Remote Sensing Data: A Comparative Study between Three Saudi Arabian Cities. Sustainability, 2021, 13, 12615.	1.6	4
316	RFSDAF: A New Spatiotemporal Fusion Method Robust to Registration Errors. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	2.7	2
317	Identifying Building Rooftops in Hyperspectral Imagery Using CNN With Pure Pixel Index. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 12022-12034.	2.3	1
318	What Ways Are There to a Green City?. , 2022, , 315-383.		1
319	Urban Change Pattern Exploration Using Fine-resolution SAR of Ascending and Descending Orbits. , 2020, , .		1
320	Object-Based High-Rise Building Detection Using Morphological Building Index and Digital Map. Remote Sensing, 2022, 14, 330.	1.8	5
321	Morphological reconstruction algorithms for urban monitoring using satellite data: proper selection of the marker and mask images. International Journal of Remote Sensing, 2022, 43, 674-697.	1.3	1
322	A global dataset of annual urban extents (1992â€"2020) from harmonized nighttime lights. Earth System Science Data, 2022, 14, 517-534.	3.7	66
323	Optimization-Based Hyperspectral Spatiotemporal Super-Resolution. IEEE Access, 2022, 10, 37477-37494.	2.6	2

#	ARTICLE	IF	CITATIONS
324	Landsat 8Bands' 1 to 7 spectral vectors plus machine learning to improve land use/cover classification using Google Earth Engine. Annals of GIS, 0, , 1-24.	1.4	0
325	Spatio-Temporal Evolution and Driving Mechanism of Urbanization in Small Cities: Case Study from Guangxi. Land, 2022, 11, 415.	1.2	26
326	Dynamic Linkage Between Urbanization, Electrical Power Consumption, and Suitability Analysis Using Remote Sensing and GIS Techniques. Photogrammetric Engineering and Remote Sensing, 2022, 88, 171-179.	0.3	7
327	Multi-scale Features Fusion Network for Unsupervised Change Detection in Heterogeneous Optical and SAR Images. , 2021, , .		0
328	Generating megacity-scale building height maps without DGNSS surveyed GCPs: An open-source approach. Environment and Planning B: Urban Analytics and City Science, 2022, 49, 2312-2330.	1.0	2
329	Impacts of large-scale refugee resettlement on LCLUC: Bidi Bidi refugee settlement, Uganda case study. Environmental Research Letters, 2022, 17, 064019.	2.2	3
330	Characterizing urban growth in Vientiane from 2000 to 2019 using time-series optical and SAR-based estimates of urban land. International Journal of Applied Earth Observation and Geoinformation, 2022, 109, 102798.	0.9	0
331	Mapping Annual Urban Evolution Process (2001–2018) at 250 m: A normalized multi-objective deep learning regression. Remote Sensing of Environment, 2022, 278, 113088.	4.6	9
332	Flood risk from geophysical and hydroclimatic hazards: an essential integration for disaster risk management and climate change adaptation in the coastal zone. Natural Hazards, 2023, 119, 1113-1115.	1.6	2
333	Exploring Environmental Health Inequalities: A Scientometric Analysis of Global Research Trends (1970–2020). International Journal of Environmental Research and Public Health, 2022, 19, 7394.	1.2	4
334	Investigation of long-term river water quality variations using different urbanization indices and assessment of common scientific perspectives of urbanization on water quality. Environmental Quality Management, 2023, 32, 239-249.	1.0	5
335	Identification of undocumented buildings in cadastral data using remote sensing: Construction period, morphology, and landscape. International Journal of Applied Earth Observation and Geoinformation, 2022, 112, 102909.	0.9	1
336	In pursuit of sustainability – Spatio-temporal pathways of urban growth patterns in the world's largest megacities. Cities, 2022, 131, 103919.	2.7	15
337	Mapping of Small Water Bodies with Integrated Spatial Information for Time Series Images of Optical Remote Sensing. , 2022, , .		0
338	A typology of metropolitan spatial structure: a systematic review. Environment, Development and Sustainability, 2023, 25, 13667-13693.	2.7	2
339	The characteristic and transformation of 3D urban morphology in three Chinese mega-cities. Cities, 2022, 131, 103988.	2.7	11
340	Extracting physical urban areas of 81 major Chinese cities from high-resolution land uses. Cities, 2022, 131, 104061.	2.7	3
341	Multitemporal landslide exposure and vulnerability assessment in Medellín, Colombia. Natural Hazards, 2023, 119, 883-906.	1.6	5

#	ARTICLE	IF	CITATIONS
342	Earth Observation and Artificial Intelligence: Understanding emerging ethical issues and opportunities. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 90-124.	4.9	11
343	An ensemble method for monitoring land cover changes in urban areas using dense Landsat time series data. ISPRS Journal of Photogrammetry and Remote Sensing, 2023, 195, 29-42.	4.9	11
344	A full-level fused cross-task transfer learning method for building change detection using noise-robust pretrained networks on crowdsourced labels. Remote Sensing of Environment, 2023, 284, 113371.	4.6	12
345	Greener cities cost more green: Examining the impacts of different urban expansion patterns on NPP. Building and Environment, 2023, 228, 109876.	3.0	5
346	A comparison of two models to measure the distance decay of urban land density to the city center. , 2022, , .		0
347	A Fast Multidimensional Data Fusion Algorithm For Hyperspectral Spatiotemporal Super-Resolution. , 2022, , .		0
348	Mapping and evaluating global urban entities (2000â€"2020): A novel perspective to delineate urban entities based on consistent nighttime light data. GIScience and Remote Sensing, 2023, 60, .	2.4	15
349	Border regions across the globe: Analyzing border typologies, economic and political disparities, and development dynamics. Applied Geography, 2023, 151, 102866.	1.7	2
350	A Systematic Review on the Application of Geospatial Technology and Artificial Intelligence in Urban Growth Modeling. , 2023, , 15-42.		0
351	Predicting the liveability of Dutch cities with aerial images and semantic intermediate concepts. Remote Sensing of Environment, 2023, 287, 113454.	4.6	1
352	Object-based continuous monitoring of land disturbances from dense Landsat time series. Remote Sensing of Environment, 2023, 287, 113462.	4.6	9
353	Two decades of nighttime surface urban heat island intensity analysis over nine major populated cities of India and implications for heat stress. Frontiers in Sustainable Cities, 0, 5, .	1.2	1
354	Global and Local Graph-Based Difference Image Enhancement for Change Detection. Remote Sensing, 2023, 15, 1194.	1.8	2
356	Integrating multi-source remote sensing data for monitoring urban development in West Africa. , 2023, , .		0
357	Mapping intra-urban development trajectories in Nairobi, Kenya. , 2023, , .		1
366	Defining Urban India: Finding Order in Chaos. Current Landscape Ecology Reports, 2023, 8, 171-180.	1.1	0
370	Topography Monitoring by Unmanned Aerial Systems (UASs). , 2023, , 253-270.		0