Landsat-8: Science and product vision for terrestrial glo

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Citation Report

#	Article	IF	CITATIONS
1	Can I Trust My One-Class Classification?. Remote Sensing, 2014, 6, 8779-8802.	1.8	40
2	Landsat-8 Operational Land Imager Design, Characterization and Performance. Remote Sensing, 2014, 6, 10286-10305.	1.8	191
3	Land Cover Classification of Landsat Data with Phenological Features Extracted from Time Series MODIS NDVI Data. Remote Sensing, 2014, 6, 11518-11532.	1.8	128
4	Open Access Data in Polar and Cryospheric Remote Sensing. Remote Sensing, 2014, 6, 6183-6220.	1.8	51
5	Lithological mapping and hydrothermal alteration using Landsat 8 data: a case study in ariab mining district, red sea hills, Sudan. International Journal of Basic and Applied Sciences, 2014, 3, .	0.2	30
6	Evaluation of Radiometric Performance for the Thermal Infrared Sensor Onboard Landsat 8. Remote Sensing, 2014, 6, 12776-12788.	1.8	11
7	Combining Satellite Data and Community-Based Observations for Forest Monitoring. Forests, 2014, 5, 2464-2489.	0.9	39
8	Recent literature in cartography and geographic information science. Cartography and Geographic Information Science, 2014, 41, 393-410.	1.4	5
9	Atmospheric water vapor retrieval from Landsat 8 and its validation. , 2014, , .		4
10	State of the Climate in 2013. Bulletin of the American Meteorological Society, 2014, 95, S1-S279.	1.7	138
11	A hybrid edge detection model of extreme learning machine and cellular automata. , 2014, , .		0
12	Classification of small agricultural fields using combined Landsat-8 and RapidEye imagery: case study of northern Serbia. Journal of Applied Remote Sensing, 2014, 8, 083512.	0.6	31
13	Noise Evaluation of early images for Landsat 8 Operational Land Imager. Optics Express, 2014, 22, 27270.	1.7	12
14	Pixel-Based Image Compositing for Large-Area Dense Time Series Applications and Science. Canadian Journal of Remote Sensing, 2014, 40, 192-212.	1.1	302
15	Forest Monitoring Using Landsat Time Series Data: A Review. Canadian Journal of Remote Sensing, 2014, 40, 362-384.	1.1	274
16	Monitoring land use/land cover dynamics in northwestern Ethiopia using support vector machine. , 2014, , .		0
17	On-orbit radiometric characterization of OLI (Landsat-8) for applications in aquatic remote sensing. Remote Sensing of Environment, 2014, 154, 272-284.	4.6	229
18	Land Surface Temperature Retrieval from Landsat 8 TIRS—Comparison between Radiative Transfer Equation-Based Method, Split Window Algorithm and Single Channel Method. Remote Sensing, 2014, 6, 9829-9852.	1.8	562

TATION REDO

#	Article	IF	CITATIONS
19	Land system science and sustainable development of the earth system: A global land project perspective. Anthropocene, 2015, 12, 29-41.	1.6	388
20	A contemporary decennial examination of changing agricultural field sizes using Landsat time series data. Geo: Geography and Environment, 2015, 2, 33-54.	0.5	40
21	Atmospheric water vapor retrieval from Landsat 8 thermal infrared images. Journal of Geophysical Research D: Atmospheres, 2015, 120, 1723-1738.	1.2	85
22	Self-Guided Segmentation and Classification of Multi-Temporal Landsat 8 Images for Crop Type Mapping in Southeastern Brazil. Remote Sensing, 2015, 7, 14482-14508.	1.8	82
23	Multi-Image and Multi-Sensor Change Detection for Long-Term Monitoring of Arid Environments With Landsat Series. Remote Sensing, 2015, 7, 14019-14038.	1.8	16
24	Object-Based Greenhouse Horticultural Crop Identification from Multi-Temporal Satellite Imagery: A Case Study in Almeria, Spain. Remote Sensing, 2015, 7, 7378-7401.	1.8	58
25	A Temperature and Emissivity Separation Algorithm for Landsat-8 Thermal Infrared Sensor Data. Remote Sensing, 2015, 7, 9904-9927.	1.8	22
26	The EnMAP Spaceborne Imaging Spectroscopy Mission for Earth Observation. Remote Sensing, 2015, 7, 8830-8857.	1.8	529
27	Retrieval of Land Surface Temperature over the Heihe River Basin Using HJ-1B Thermal Infrared Data. Remote Sensing, 2015, 7, 300-318.	1.8	7
28	Soil Salinity Retrieval from Advanced Multi-Spectral Sensor with Partial Least Square Regression. Remote Sensing, 2015, 7, 488-511.	1.8	86
29	A One Year Landsat 8 Conterminous United States Study of Cirrus and Non-Cirrus Clouds. Remote Sensing, 2015, 7, 564-578.	1.8	36
30	A Practical Split-Window Algorithm for Estimating Land Surface Temperature from Landsat 8 Data. Remote Sensing, 2015, 7, 647-665.	1.8	175
31	Seasonal Land Cover Dynamics in Beijing Derived from Landsat 8 Data Using a Spatio-Temporal Contextual Approach. Remote Sensing, 2015, 7, 865-881.	1.8	18
32	A Framework for Defining Spatially Explicit Earth Observation Requirements for a Global Agricultural Monitoring Initiative (GEOGLAM). Remote Sensing, 2015, 7, 1461-1481.	1.8	105
33	Meeting Earth Observation Requirements for Global Agricultural Monitoring: An Evaluation of the Revisit Capabilities of Current and Planned Moderate Resolution Optical Earth Observing Missions. Remote Sensing, 2015, 7, 1482-1503.	1.8	63
34	Mapping Spatial Distribution of Larch Plantations from Multi-Seasonal Landsat-8 OLI Imagery and Multi-Scale Textures Using Random Forests. Remote Sensing, 2015, 7, 1702-1720.	1.8	39
35	Urban Surface Temperature Time Series Estimation at the Local Scale by Spatial-Spectral Unmixing of Satellite Observations. Remote Sensing, 2015, 7, 4139-4156.	1.8	33
36	An Improved Physics-Based Model for Topographic Correction of Landsat TM Images. Remote Sensing, 2015, 7, 6296-6319.	1.8	31

#	Article	IF	CITATIONS
37	Multi-Temporal Independent Component Analysis and Landsat 8 for Delineating Maximum Extent of the 2013 Colorado Front Range Flood. Remote Sensing, 2015, 7, 9822-9843.	1.8	45
38	Cross-Calibration of GF-1/WFV over a Desert Site Using Landsat-8/OLI Imagery and ZY-3/TLC Data. Remote Sensing, 2015, 7, 10763-10787.	1.8	33
39	Assessment of an Operational System for Crop Type Map Production Using High Temporal and Spatial Resolution Satellite Optical Imagery. Remote Sensing, 2015, 7, 12356-12379.	1.8	262
40	Development of Dense Time Series 30-m Image Products from the Chinese HJ-1A/B Constellation: A Case Study in Zoige Plateau, China. Remote Sensing, 2015, 7, 16647-16671.	1.8	15
41	The Effect of Impurities on the Surface Melt of a Glacier in the Suntar-Khayata Mountain Range, Russian Siberia. Frontiers in Earth Science, 2015, 3, .	0.8	32
42	The potential of satellite-observed crop phenology to enhance yield gap assessments in smallholder landscapes. Frontiers in Environmental Science, 2015, 3, .	1.5	35
43	Building a Better Urban Picture: Combining Day and Night Remote Sensing Imagery. Remote Sensing, 2015, 7, 11887-11913.	1.8	58
44	Phenology-Based Vegetation Index Differencing for Mapping of Rubber Plantations Using Landsat OLI Data. Remote Sensing, 2015, 7, 6041-6058.	1.8	90
45	Outlet glacier response to the 2012 collapse of the Matusevich Ice Shelf, Severnaya Zemlya, Russian Arctic. Journal of Geophysical Research F: Earth Surface, 2015, 120, 2040-2055.	1.0	17
46	Land Cover Change Image Analysis for Assateague Island National Seashore Following Hurricane Sandy. Journal of Imaging, 2015, 1, 85-114.	1.7	3
47	A comparison of Landsat 8 (OLI) and Landsat 7 (ETM+) in mapping geology and visualising lineaments: A case study of central region Kenya. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W3, 897-903.	0.2	63
48	Assessment of water quality based on Landsat 8 operational land imager associated with human activities in Korea. Environmental Monitoring and Assessment, 2015, 187, 384.	1.3	105
49	Classification and change detection of built-up lands from Landsat-7 ETM+ and Landsat-8 OLI/TIRS imageries: A comparative assessment of various spectral indices. Ecological Indicators, 2015, 56, 205-217.	2.6	146
50	Spatiotemporal patterns of tropical deforestation and forest degradation in response to the operation of the TucuruÃ-hydroelectricÂdam in the Amazon basin. Applied Geography, 2015, 63, 1-8.	1.7	63
51	Spatio-temporal change analysis of Perak river basin using remote sensing and GIS. , 2015, , .		3
52	The contribution of Landsat 8 TIRS sensor data to the identification of plastic covered vineyards. , 2015, , .		3
53	Development of an earth observation processing chain for crop bio-physical parameters at local scale. , 2015, , .		1
54	Removal of Thin Clouds Using Cirrus and QA Bands of Landsat-8. Photogrammetric Engineering and Remote Sensing, 2015, 81, 721-731.	0.3	13

#	Article	IF	CITATIONS
55	PAIRS: A scalable geo-spatial data analytics platform. , 2015, , .		46
56	Removal of thin clouds in visible bands using spectrum characteristics of the visible bands. , 2015, , .		2
57	Lithological mapping using multispectral ASTER and Landsat 8 data in the Bas Drâa inlier, Moroccan Anti Atlas. Proceedings of SPIE, 2015, , .	0.8	1
58	Structural Analysis of the Hero Range in the Qaidam Basin, Northwestern China, Using Integrated UAV, Terrestrial LiDAR, Landsat 8, and 3-D Seismic Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4581-4591.	2.3	15
59	The demographic dimension of climate change vulnerability: exploring the relation between population growth and urban sprawl in Dar es Salaam. Current Opinion in Environmental Sustainability, 2015, 13, 1-10.	3.1	21
60	Statistical model development and estimation of suspended particulate matter concentrations with Landsat 8 OLI images of Dongting Lake, China. International journal of Remote Sensing, 2015, 36, 343-360.	1.3	42
61	Improved time series land cover classification by missing-observation-adaptive nonlinear dimensionality reduction. Remote Sensing of Environment, 2015, 158, 478-491.	4.6	67
62	Improvement and expansion of the Fmask algorithm: cloud, cloud shadow, and snow detection for Landsats 4–7, 8, and Sentinel 2 images. Remote Sensing of Environment, 2015, 159, 269-277.	4.6	1,024
63	Mining dense Landsat time series for separating cropland and pasture in a heterogeneous Brazilian savanna landscape. Remote Sensing of Environment, 2015, 156, 490-499.	4.6	151
64	Spatiotemporal monitoring of Bakhtegan Lake's areal fluctuations and an exploration of its future status by applying a cellular automata model. Computers and Geosciences, 2015, 78, 37-43.	2.0	32
65	Retrieval of nearshore bathymetry from Landsat 8 images: A tool for coastal monitoring in shallow waters. Remote Sensing of Environment, 2015, 159, 102-116.	4.6	154
66	MODIS–Landsat fusion for large area 30 m burned area mapping. Remote Sensing of Environment, 2015, 161, 27-42.	4.6	121
67	Image interpretation-guided supervised classification using nested segmentation. Remote Sensing of Environment, 2015, 165, 135-147.	4.6	35
68	An inventory of glacial lakes in the Third Pole region and their changes in response to global warming. Global and Planetary Change, 2015, 131, 148-157.	1.6	261
69	A 30-year (1984–2013) record of annual urban dynamics of Beijing City derived from Landsat data. Remote Sensing of Environment, 2015, 166, 78-90.	4.6	283
70	The Utility of Landsat Data for Global Long Term Terrestrial Monitoring. Remote Sensing and Digital Image Processing, 2015, , 289-305.	0.7	3
71	Characteristics of Landsat 8 OLI-derived NDVI by comparison with multiple satellite sensors and in-situ observations. Remote Sensing of Environment, 2015, 164, 298-313.	4.6	198
72	Characterizing changes in grassland desertification based on Landsat images of the Ongniud and Naiman Banners, Inner Mongolia. International Journal of Remote Sensing, 2015, 36, 5137-5149.	1.3	7

ARTICLE IF CITATIONS # Potential of multispectral and hyperspectral data to detect saline-exposed soils in Brazil. GIScience 73 2.4 32 and Remote Sensing, 2015, 52, 416-436. Time Series Analyses in a New Era of Optical Satellite Data. Remote Sensing and Digital Image 74 Processing, 2015, , 25-41. Generating synthetic Landsat images based on all available Landsat data: Predicting Landsat surface 75 4.6 215 reflectance at any given time. Remote Sensing of Environment, 2015, 162, 67-83. Combining ad hoc spectral indices based on LANDSAT-8 OLI/TIRS sensor data for the detection of plastic cover vineyard. Remote Sensing Letters, 2015, 6, 933-941. Requirement sensitivity studies for a future Landsat sensor., 2015,,. 77 1 Integrated Object-Based Spatiotemporal Characterization of Forest Change from an Annual Time Series of Landsat Image Composites. Canadian Journal of Remote Sensing, 2015, 41, 271-292. 1.1 Large Area Mapping of Annual Land Cover Dynamics Using Multitemporal Change Detection and 79 1.1 65 Classification of Landsat Time Series Data. Canadian Journal of Remote Sensing, 2015, 41, 293-314. Surface object recognition with CNN and SVM in Landsat 8 images., 2015, , . 26 Landsat 8 OLI image based terrestrial water extraction from heterogeneous backgrounds using a 81 4.6 123 reflectance homogenization approach. Remote Sensing of Environment, 2015, 171, 14-32. Virtual constellations for global terrestrial monitoring. Remote Sensing of Environment, 2015, 170, 4.6 158 62-76. High-resolution mapping of river and estuary areas by using unmanned aerial and surface platforms., 83 21 2015,,. Remote Sensing and Ecosystem Services: Current Status and Future Opportunities for the Study of 3.4 Bees and Pollination-Related Services. Current Forestry Reports, 2015, 1, 261-274. Evaluation of the Landsat-5 TM and Landsat-7 ETM+ surface reflectance products. Remote Sensing of 85 4.6 164 Environment, 2015, 169, 390-403. Fusing Landsat and MODIS Data for Vegetation Monitoring. IEEE Geoscience and Remote Sensing Magazine, 2015, 3, 47-60. Restoration of shadows in multispectral imagery using surface reflectance relationships with nearby 87 1.3 5 similar areas. International Journal of Remote Sensing, 2015, 36, 4195-4212. Evapotranspiration Estimation for an Oasis Area in the Heihe River Basin Using Landsat-8 Images and 28 the METRIC Model. Water Resources Management, 2015, 29, 5157-5170. Forest Cover Dynamics During Massive Ownership Changes – Annual Disturbance Mapping Using 89 0.7 4 Annual Landsat Time-Series. Remote Sensing and Digital Image Processing, 2015, , 307-322. Monitoring the recent trend of aeolian desertification using Landsat TM and Landsat 8 imagery on the 90 1.6 north-east Qinghai–Tibet Plateau in the Qinghai Lake basin. Natural Hazards, 2015, 79, 1753-1772.

		CITATION REPORT		
#	Article		IF	Citations
91	Retrieval of aerosol optical depth over Beijing using Landsat8/OLI data. Proceedings of	SPIE, 2015, , .	0.8	2
92	Quantifying Libya-4 Surface Reflectance Heterogeneity With WorldView-1, 2 and EO-1 Geoscience and Remote Sensing Letters, 2015, 12, 2277-2281.	Hyperion. IEEE	1.4	10
93	Mapping Dominant Tree Species over Large Forested Areas Using Landsat Best-Availabl Composites. Canadian Journal of Remote Sensing, 2015, 41, 203-218.	e-Pixel Image	1.1	24
94	Assessing fruit-tree crop classification from Landsat-8 time series for the Maipo Valley, Sensing of Environment, 2015, 171, 234-244.	Chile. Remote	4.6	82
95	NASA Land Cover and Land Use Change (LCLUC): An interdisciplinary research program Environmental Management, 2015, 148, 4-9.	ı. Journal of	3.8	55
96	Who launched what, when and why; trends in global land-cover observation capacity fr earth observation satellites. ISPRS Journal of Photogrammetry and Remote Sensing, 20	om civilian 15, 103, 115-128.	4.9	314
97	Fusing Landsat and SAR time series to detect deforestation in the tropics. Remote Sense Environment, 2015, 156, 276-293.	sing of	4.6	141
98	Landsat 8 vs. Landsat 5: A comparison based on urban and peri-urban land cover mapp Journal of Applied Earth Observation and Geoinformation, 2015, 35, 259-269.	ing. International	1.4	93
99	Estimating supraglacial lake depth in West Greenland using Landsat 8 and comparison multispectral methods. Cryosphere, 2016, 10, 15-27.	with other	1.5	73
100	Cropping Intensity in the Aral Sea Basin and Its Dependency from the Runoff Formatior Remote Sensing, 2016, 8, 630.	n 2000–2012.	1.8	25
101	Mapping Urban Land Use by Using Landsat Images and Open Social Data. Remote Sens	sing, 2016, 8, 151.	1.8	292
102	Production of the Japan 30-m Land Cover Map of 2013–2015 Using a Random Fores Optimization Approach. Remote Sensing, 2016, 8, 429.	ts-Based Feature	1.8	24
103	Using Landsat 8 imagery in detecting cork oak (Quercus suber L.) woodlands: a case st (Italy). Journal of Agricultural Engineering, 2016, 47, 205.	udy in Calabria	0.7	34
104	An automated methodology for differentiating rock from snow, clouds and sea in Anta Landsat 8 imagery: a new rock outcrop map and area estimation for the entire Antarcti Cryosphere, 2016, 10, 1665-1677.		1.5	140
105	Ready-to-Use Methods for the Detection of Clouds, Cirrus, Snow, Shadow, Water and G in Sentinel-2 MSI Images. Remote Sensing, 2016, 8, 666.	Clear Sky Pixels	1.8	130
106	Identifying Categorical Land Use Transition and Land Degradation in Northwestern Dry Ethiopia. Remote Sensing, 2016, 8, 408.	lands of	1.8	20
107	Integrating Textural and Spectral Features to Classify Silicate-Bearing Rocks Using Land Applied Sciences (Switzerland), 2016, 6, 283.	lsat 8 Data.	1.3	10
108	Effect of the Aerosol Type Selection for the Retrieval of Shortwave Ground Net Radiatic Using Landsat 8 Data. Atmosphere, 2016, 7, 111.	on: Case Study	1.0	3

#	Article	IF	CITATIONS
109	Assessing Wildfire Risk in Cultural Heritage Properties Using High Spatial and Temporal Resolution Satellite Imagery and Spatially Explicit Fire Simulations: The Case of Holy Mount Athos, Greece. Forests, 2016, 7, 46.	0.9	34
110	Extent and Area of Swidden in Montane Mainland Southeast Asia: Estimation by Multi-Step Thresholds with Landsat-8 OLI Data. Remote Sensing, 2016, 8, 44.	1.8	22
111	A Review of the Application of Optical and Radar Remote Sensing Data Fusion to Land Use Mapping and Monitoring. Remote Sensing, 2016, 8, 70.	1.8	459
112	Computationally Inexpensive Landsat 8 Operational Land Imager (OLI) Pansharpening. Remote Sensing, 2016, 8, 180.	1.8	31
113	Assessing the Impact of Climate Variability on Cropland Productivity in the Canadian Prairies Using Time Series MODIS FAPAR. Remote Sensing, 2016, 8, 281.	1.8	18
114	Evaluation of Radiometric and Atmospheric Correction Algorithms for Aboveground Forest Biomass Estimation Using Landsat 5 TM Data. Remote Sensing, 2016, 8, 369.	1.8	67
115	A 30 m Resolution Surface Water Mask Including Estimation of Positional and Thematic Differences Using Landsat 8, SRTM and OpenStreetMap: A Case Study in the Murray-Darling Basin, Australia. Remote Sensing, 2016, 8, 386.	1.8	140
116	Object-Based Greenhouse Mapping Using Very High Resolution Satellite Data and Landsat 8 Time Series. Remote Sensing, 2016, 8, 513.	1.8	68
117	An Automated Approach for Sub-Pixel Registration of Landsat-8 Operational Land Imager (OLI) and Sentinel-2 Multi Spectral Instrument (MSI) Imagery. Remote Sensing, 2016, 8, 520.	1.8	95
118	Spectral Indices Accurately Quantify Changes in Seedling Physiology Following Fire: Towards Mechanistic Assessments of Post-Fire Carbon Cycling. Remote Sensing, 2016, 8, 572.	1.8	33
119	Quantifying Live Aboveground Biomass and Forest Disturbance of Mountainous Natural and Plantation Forests in Northern Guangdong, China, Based on Multi-Temporal Landsat, PALSAR and Field Plot Data. Remote Sensing, 2016, 8, 595.	1.8	36
120	Glacier Remote Sensing Using Sentinel-2. Part I: Radiometric and Geometric Performance, and Application to Ice Velocity. Remote Sensing, 2016, 8, 598.	1.8	121
121	High-Resolution NDVI from Planet's Constellation of Earth Observing Nano-Satellites: A New Data Source for Precision Agriculture. Remote Sensing, 2016, 8, 768.	1.8	131
122	Effects of Urbanization and Seasonal Cycle on the Surface Urban Heat Island Patterns in the Coastal Growing Cities: A Case Study of Casablanca, Morocco. Remote Sensing, 2016, 8, 829.	1.8	52
123	Rapid Land Cover Map Updates Using Change Detection and Robust Random Forest Classifiers. Remote Sensing, 2016, 8, 888.	1.8	69
124	Long-Term Post-Disturbance Forest Recovery in the Greater Yellowstone Ecosystem Analyzed Using Landsat Time Series Stack. Remote Sensing, 2016, 8, 898.	1.8	37
125	Preliminary Comparison of Sentinel-2 and Landsat 8 Imagery for a Combined Use. Remote Sensing, 2016, 8, 1014.	1.8	170
126	Understanding Forest Health with Remote Sensing -Part l—A Review of Spectral Traits, Processes and Remote-Sensing Characteristics. Remote Sensing, 2016, 8, 1029.	1.8	138

#	Article	IF	CITATIONS
127	Identification of Water Bodies in a Landsat 8 OLI Image Using a J48 Decision Tree. Sensors, 2016, 16, 1075.	2.1	137
128	Landsat Imagery-Based Above Ground Biomass Estimation and Change Investigation Related to Human Activities. Sustainability, 2016, 8, 159.	1.6	17
129	DELINEAMENTO AMOSTRAL EM RESERVATÓRIOS UTILIZANDO IMAGENS LANDSAT-8/OLI: UM ESTUDO DE CASO NO RESERVATÓRIO DE NOVA AVANHANDAVA (ESTADO DE SÃO PAULO, BRASIL). Boletim De Ciencias Geodesicas, 2016, 22, 303-323.	0.2	17
130	Glacial lake evolution in the southeastern Tibetan Plateau and the cause of rapid expansion of proglacial lakes linked to glacial-hydrogeomorphic processes. Journal of Hydrology, 2016, 540, 504-514.	2.3	80
131	Large-area settlement pattern recognition from Landsat-8 data. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 119, 294-308.	4.9	21
132	Wind and wave influences on sea ice floe size and leads in the <scp>B</scp> eaufort and <scp>C</scp> hukchi <scp>S</scp> eas during the summerâ€fall transition 2014. Journal of Geophysical Research: Oceans, 2016, 121, 1502-1525.	1.0	27
133	Spatiotemporal total suspended matter estimation in Itumbiara reservoir with Landsat-8/OLI images. International Journal of Cartography, 2016, 2, 148-165.	0.2	8
134	Urban expansion extraction and analysis using landsat time series dataa case study of Tianjin. , 2016, , .		0
135	Remote sensing of forest pest damage: a review and lessons learned from a Canadian perspective. Canadian Entomologist, 2016, 148, S296-S356.	0.4	95
136	Mapping recent burned patches in Siberian larch forest using Landsat and MODIS data. European Journal of Remote Sensing, 2016, 49, 861-887.	1.7	6
137	The role of spatial and spectral resolution on the effectiveness of satellite-based vegetation indices. , 2016, , .		8
138	Automatic invalid Landsat image pixel screening on the Google Earth engine platform. , 2016, , .		1
139	Remote Sensing Technologies for the Assessment of Marine and Coastal Ecosystems. Coastal Research Library, 2016, , 69-104.	0.2	6
140	Early spring post-fire snow albedo dynamics in high latitude boreal forests using Landsat-8 OLI data. Remote Sensing of Environment, 2016, 185, 71-83.	4.6	50
141	Illuminating the capabilities of Landsat 8 for mapping night lights. Remote Sensing of Environment, 2016, 182, 27-38.	4.6	20
142	Parcel-Based Crop Classification in Ukraine Using Landsat-8 Data and Sentinel-1A Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2500-2508.	2.3	148
143	Assessment of remotely sensed chlorophyll- a concentration in Guanabara Bay, Brazil. Journal of Applied Remote Sensing, 2016, 10, 026003.	0.6	27
144	The benefit of synthetically generated RapidEye and Landsat 8 data fusion time series for riparian forest disturbance monitoring. Remote Sensing of Environment, 2016, 177, 237-247.	4.6	43

#	Article	IF	CITATIONS
145	Spatiotemporal distribution of Landsat imagery of Europe using cloud cover-weighted metadata. Journal of Maps, 2016, 12, 1084-1088.	1.0	9
146	Integrating pan-sharpening and classifier ensemble techniques to map an invasive plant (<i>Spartina) Tj ETQq1 1 2016, 10, 026001.</i>	0.784314 0.6	rgBT /Overic 14
147	A new research paradigm for global land cover mapping. Annals of GIS, 2016, 22, 87-102.	1.4	77
148	Satellite-based land use mapping: comparative analysis of Landsat-8, Advanced Land Imager, and big data Hyperion imagery. Journal of Applied Remote Sensing, 2016, 10, 026004.	0.6	25
149	Fusion Methods for Land Surface Emissivity and Temperature Retrieval of the Landsat Data Continuity Mission Data. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3842-3855.	2.7	7
150	Evaluation of Landsat 8 OLI imagery for unsupervised inland water extraction. International Journal of Remote Sensing, 2016, 37, 1826-1844.	1.3	61
151	Retrieval of color producing agents in Case 2 waters using Landsat 8. Remote Sensing of Environment, 2016, 185, 95-107.	4.6	52
152	Representative lake water extent mapping at continental scales using multi-temporal Landsat-8 imagery. Remote Sensing of Environment, 2016, 185, 129-141.	4.6	175
153	Spatial scale and pattern dependences of aboveground biomass estimation from satellite images: a case study of the Sierra National Forest, California. Landscape Ecology, 2016, 31, 1711-1723.	1.9	3
154	Climate-Relevant Land Use and Land Cover Change Policies. Bulletin of the American Meteorological Society, 2016, 97, 195-202.	1.7	25
155	Zoning eco-environmental vulnerability for environmental management and protection. Ecological Indicators, 2016, 69, 100-117.	2.6	137
156	Including land cover change in analysis of greenness trends using all available Landsat 5, 7, and 8 images: A case study from Guangzhou, China (2000–2014). Remote Sensing of Environment, 2016, 185, 243-257.	4.6	183
157	A machine learning approach to geochemical mapping. Journal of Geochemical Exploration, 2016, 167, 49-61.	1.5	94
158	Landsat 8: Providing continuity and increased precision for measuring multi-decadal time series of total suspended matter. Remote Sensing of Environment, 2016, 185, 108-118.	4.6	82
159	Mapping and estimating the total living biomass and carbon in low-biomass woodlands using Landsat 8 CDR data. Carbon Balance and Management, 2016, 11, 13.	1.4	53
160	Ten years after Hurricane Katrina: monitoring recovery in New Orleans and the surrounding areas using remote sensing. Science Bulletin, 2016, 61, 1460-1470.	4.3	20
161	Tectonic control on the morphology of the subcircular structure of El Mdaouar (Saharan Atlas,) Tj ETQq0 0 0 rgB1	Overlock	10 Tf 50 10

162Identifying the influential features on the regional energy use intensity of residential buildings based
on Random Forests. Applied Energy, 2016, 183, 193-201.5.1113

#	Article	IF	CITATIONS
163	Discriminating Rangeland Management Practices Using Simulated HyspIRI, Landsat 8 OLI, Sentinel 2 MSI, and VENµS Spectral Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3957-3969.	2.3	36
164	Toward large-scale crop production forecasts for global food security. IBM Journal of Research and Development, 2016, 60, 5:1-5:11.	3.2	5
165	Landsat 5 Thematic Mapper reflectance and NDVI 27-year time series inconsistencies due to satellite orbit change. Remote Sensing of Environment, 2016, 186, 217-233.	4.6	72
166	Correlation between land surface temperature inversion (based on Landsat-8) and PM <inf>2.5</inf> concentration: Taking Guangzhou as an example. , 2016, , .		1
167	Beyond deforestation: Differences in long-term regrowth dynamics across land use regimes in southern Amazonia. Remote Sensing of Environment, 2016, 186, 652-662.	4.6	13
168	Assessing the role of climate and resource management on groundwater dependent ecosystem changes in arid environments with the Landsat archive. Remote Sensing of Environment, 2016, 185, 186-197.	4.6	72
169	Drones that see through waves – preliminary results from airborne fluid lensing for centimetreâ€scale aquatic conservation. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 237-250.	0.9	105
170	A stratified random sampling design in space and time for regional to global scale burned area product validation. Remote Sensing of Environment, 2016, 186, 465-478.	4.6	80
171	Sensitivity of evapotranspiration retrievals from the METRIC processing algorithm to improved radiometric resolution of Landsat 8 thermal data and to calibration bias in Landsat 7 and 8 surface temperature. Remote Sensing of Environment, 2016, 185, 198-209.	4.6	43
172	Landsat-8 imagery to estimate clarity in near-shore coastal waters: Feasibility study - Chabahar Bay, Iran. Continental Shelf Research, 2016, 125, 44-53.	0.9	23
173	Crop type mapping in a highly fragmented and heterogeneous agricultural landscape: A case of central Iran using multi-temporal Landsat 8 imagery. Computers and Electronics in Agriculture, 2016, 127, 531-540.	3.7	64
174	Best practices for the reprojection and resampling of Sentinel-2 Multi Spectral Instrument Level 1C data. Remote Sensing Letters, 2016, 7, 1023-1032.	0.6	55
175	Progress in the remote sensing of C3 and C4 grass species aboveground biomass over time and space. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 120, 13-24.	4.9	60
176	An "exclusion-inclusion―framework for extracting human settlements in rapidly developing regions of China from Landsat images. Remote Sensing of Environment, 2016, 186, 286-296.	4.6	55
177	Evaluation of relative radiometric correction techniques on Landsat 8 OLI sensor data. Proceedings of SPIE, 2016, , .	0.8	2
178	A note on the temporary misregistration of Landsat-8 Operational Land Imager (OLI) and Sentinel-2 Multi Spectral Instrument (MSI) imagery. Remote Sensing of Environment, 2016, 186, 121-122.	4.6	126
179	Atmospheric correction matching to theoretical forest signature applied to different colombian regions. , 2016, , .		0
180	Estimation of the building energy use intensity in the urban scale by integrating GIS and big data technology. Applied Energy, 2016, 183, 182-192.	5.1	151

#	Article	IF	Citations
181	Performance of vegetation indices from Landsat time series in deforestation monitoring. International Journal of Applied Earth Observation and Geoinformation, 2016, 52, 318-327.	1.4	118
182	The relationship between satellite-derived indices and species diversity across African savanna ecosystems. International Journal of Applied Earth Observation and Geoinformation, 2016, 52, 306-317.	1.4	15
183	Responses of four hornet species to levels of urban greenness in Nagoya city, Japan: Implications for ecosystem disservices of urban green spaces. Urban Forestry and Urban Greening, 2016, 18, 117-125.	2.3	26
184	Performance evaluation of object based greenhouse detection from Sentinel-2 MSI and Landsat 8 OLI data: A case study from AlmerÃa (Spain). International Journal of Applied Earth Observation and Geoinformation, 2016, 52, 403-411.	1.4	117
185	Internally drained catchments dominate supraglacial hydrology of the southwest Greenland Ice Sheet. Journal of Geophysical Research F: Earth Surface, 2016, 121, 1891-1910.	1.0	54
186	Flood hazard assessment of 2014 floods in Sonawari sub-district of Bandipore district (Jammu&Kashmir): An application of geoinformatics. Remote Sensing Applications: Society and Environment, 2016, 4, 188-203.	0.8	20
187	Assessment of urban growth in Guangzhou using multi-temporal, multi-sensor Landsat data to quantify and map impervious surfaces. International Journal of Remote Sensing, 2016, 37, 5936-5952.	1.3	14
188	Free Satellite Imagery for Monitoring Reclaimed Sulphur Mining Region Tarnobrzeg, Poland. , 2016, , .		4
189	Spectral slopes for automated classification of land cover in landsat images. , 2016, , .		7
190	Land cover mapping in cropland dominated area using information on vegetation phenology and multi-seasonal Landsat 8 images. Euro-Mediterranean Journal for Environmental Integration, 2016, 1, 1.	0.6	16
191	Multitemporal and multiresolution leaf area index retrieval for operational local rice crop monitoring. Remote Sensing of Environment, 2016, 187, 102-118.	4.6	147
192	Reproducibly estimating and evaluating supraglacial lake depth with Landsat 8 and other multispectral sensors. Earth and Space Science, 2016, 3, 176-188.	1.1	18
193	Detection by classification of buildings in multispectral satellite imagery. , 2016, , .		27
194	Spatial Differentiation of Arable Land and Permanent Grassland to Improve a Land Management Model for Nutrient Balancing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5655-5665.	2.3	9
195	The Human and Physical Determinants of Wildfires and Burnt Areas in Israel. Environmental Management, 2016, 58, 549-562.	1.2	21
197	Timber production assessment of a plantation forest: An integrated framework with field-based inventory, multi-source remote sensing data and forest management history. International Journal of Applied Earth Observation and Geoinformation, 2016, 52, 155-165.	1.4	16
198	The impact of improved signal-to-noise ratios on algorithm performance: Case studies for Landsat class instruments. Remote Sensing of Environment, 2016, 185, 37-45.	4.6	34
199	Using a stochastic gradient boosting algorithm to analyse the effectiveness of Landsat 8 data for montado land cover mapping: Application in southern Portugal. International Journal of Applied Earth Observation and Geoinformation, 2016, 49, 151-162.	1.4	24

#	Article	IF	CITATIONS
200	Evaluation of the suitability of MODIS, OLCI and OLI for mapping the distribution of total suspended matter in the Barra Bonita Reservoir (Tietê River, Brazil). Remote Sensing Applications: Society and Environment, 2016, 4, 68-82.	0.8	14
201	Mapping urban growth of the capital city of Honduras from Landsat data using the impervious surface fraction algorithm. Geocarto International, 2016, 31, 328-341.	1.7	6
202	Conterminous United States crop field size quantification from multi-temporal Landsat data. Remote Sensing of Environment, 2016, 172, 67-86.	4.6	149
203	Lithological mapping using Landsat 8 OLI and Terra ASTER multispectral data in the Bas Drâa inlier, Moroccan Anti Atlas. Journal of Applied Remote Sensing, 2016, 10, 016005.	0.6	52
204	Automatic extraction of offshore platforms using time-series Landsat-8 Operational Land Imager data. Remote Sensing of Environment, 2016, 175, 73-91.	4.6	37
205	Integrated use of satellite remote sensing, GIS, and ground spectroscopy techniques for monitoring olive oil mill waste disposal areas on the island of Crete, Greece. International Journal of Remote Sensing, 2016, 37, 669-693.	1.3	13
206	Characterization of Landsat-7 to Landsat-8 reflective wavelength and normalized difference vegetation index continuity. Remote Sensing of Environment, 2016, 185, 57-70.	4.6	694
207	An Extreme Learning Machine based on Cellular Automata of edge detection for remote sensing images. Neurocomputing, 2016, 198, 27-34.	3.5	30
208	Regional Glacier Mapping Using Optical Satellite Data Time Series. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3698-3711.	2.3	43
209	A Landsat 8 OLI-Based, Semianalytical Model for Estimating the Total Suspended Matter Concentration in the Slightly Turbid Xin'anjiang Reservoir (China). IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 398-413.	2.3	45
210	An analysis of Landsat 7 and Landsat 8 underflight data and the implications for time series investigations. Remote Sensing of Environment, 2016, 185, 16-36.	4.6	78
211	Optical remotely sensed time series data for land cover classification: A review. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 116, 55-72.	4.9	771
212	Toward an integrated monitoring framework to assess the effects of tropical forest degradation and recovery on carbon stocks and biodiversity. Global Change Biology, 2016, 22, 92-109.	4.2	165
213	Integrating Landsat pixel composites and change metrics with lidar plots to predictively map forest structure and aboveground biomass in Saskatchewan, Canada. Remote Sensing of Environment, 2016, 176, 188-201.	4.6	105
214	A semi-analytical scheme to estimate Secchi-disk depth from Landsat-8 measurements. Remote Sensing of Environment, 2016, 177, 101-106.	4.6	151
215	Comprehensive study of the biophysical parameters of agricultural crops based on assessing Landsat 8 OLI and Landsat 7 ETM+ vegetation indices. GIScience and Remote Sensing, 2016, 53, 337-359.	2.4	22
216	Development and validation of the Landsat-8 surface reflectance products using a MODIS-based per-pixel atmospheric correction method. International Journal of Remote Sensing, 2016, 37, 1291-1314.	1.3	20
217	A general method to normalize Landsat reflectance data to nadir BRDF adjusted reflectance. Remote Sensing of Environment, 2016, 176, 255-271.	4.6	238

#	Article	IF	CITATIONS
218	Mapping paddy rice planting area in northeastern Asia with Landsat 8 images, phenology-based algorithm and Google Earth Engine. Remote Sensing of Environment, 2016, 185, 142-154.	4.6	524
219	Optimal Solar Geometry Definition for Global Long-Term Landsat Time-Series Bidirectional Reflectance Normalization. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1410-1418.	2.7	35
220	Landsat 8 and ICESat-2: Performance and potential synergies for quantifying dryland ecosystem vegetation cover and biomass. Remote Sensing of Environment, 2016, 185, 233-242.	4.6	60
221	Examining spectral reflectance features related to foliar nitrogen in forests: Implications for broad-scale nitrogen mapping. Remote Sensing of Environment, 2016, 173, 174-186.	4.6	60
222	Radiometric cross-calibration of Gaofen-1 WFV cameras using Landsat-8 OLI images: A solution for large view angle associated problems. Remote Sensing of Environment, 2016, 174, 56-68.	4.6	65
223	Aerogravity and remote sensing observations of an iron deposit in Gara Djebilet, southwestern Algeria. Journal of African Earth Sciences, 2016, 116, 134-150.	0.9	37
224	Reconstructing land use history from Landsat time-series. International Journal of Applied Earth Observation and Geoinformation, 2016, 47, 112-124.	1.4	51
225	Forest disturbance across the conterminous United States from 1985–2012: The emerging dominance of forest decline. Forest Ecology and Management, 2016, 360, 242-252.	1.4	212
226	Error Sources in Deforestation Detection Using BFAST Monitor on Landsat Time Series Across Three Tropical Sites. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3667-3679.	2.3	16
227	Active fire detection using Landsat-8/OLI data. Remote Sensing of Environment, 2016, 185, 210-220.	4.6	193
228	A global evaluation of forest interior area dynamics using tree cover data from 2000 to 2012. Landscape Ecology, 2016, 31, 137-148.	1.9	91
229	Unsupervised Deep Feature Extraction for Remote Sensing Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1349-1362.	2.7	571
230	Efficiency Assessment of Multitemporal C-Band Radarsat-2 Intensity and Landsat-8 Surface Reflectance Satellite Imagery for Crop Classification in Ukraine. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3712-3719.	2.3	130
231	Long-term deforestation dynamics in the Brazilian Amazon—Uncovering historic frontier development along the CuiabÃj–Santarém highway. International Journal of Applied Earth Observation and Geoinformation, 2016, 44, 61-69.	1.4	41
232	Land surface temperature shaped by urban fractions in megacity region. Theoretical and Applied Climatology, 2017, 127, 965-975.	1.3	6
233	Climate change impact assessment on hydrology of a small watershed using semi-distributed model. Applied Water Science, 2017, 7, 2029-2041.	2.8	37
234	Assessing the potential of integrated Landsat 8 thermal bands, with the traditional reflective bands and derived vegetation indices in classifying urban landscapes. Geocarto International, 2017, 32, 886-899.	1.7	45
235	Mapping forest and woodland loss in Swaziland: 1990–2015. Remote Sensing Applications: Society and Environment, 2017, 5, 45-53.	0.8	11

	CITATION	Report	
#	Article	IF	CITATIONS
236	A cloud detection algorithm-generating method for remote sensing data at visible to short-wave infrared wavelengths. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 124, 70-88.	4.9	80
237	A comparison between London and Baghdad surface urban heat islands and possible engineering mitigation solutions. Sustainable Cities and Society, 2017, 29, 159-168.	5.1	42
238	Expanding temporal resolution in landscape transformations: Insights from a landsat-based case study in Southern Chile. Ecological Indicators, 2017, 75, 132-144.	2.6	13
239	A survival guide to Landsat preprocessing. Ecology, 2017, 98, 920-932.	1.5	274
240	Assessment of urbanization and urban heat islands in Ho Chi Minh City, Vietnam using Landsat data. Sustainable Cities and Society, 2017, 30, 150-161.	5.1	71
241	The Trifinio Region: a case study of transboundary forest change in Central America. Journal of Land Use Science, 2017, 12, 36-54.	1.0	22
242	Improving the mapping of crop types in the Midwestern U.S. by fusing Landsat and MODIS satellite data. International Journal of Applied Earth Observation and Geoinformation, 2017, 58, 1-11.	1.4	33
243	Monitoring ecosystem dynamics in northwestern Ethiopia using NDVI and climate variables to assess long term trends in dryland vegetation variability. Applied Geography, 2017, 79, 167-178.	1.7	73
244	Remotely sensed sea surface salinity in the hyper-saline Arabian Gulf: Application to landsat 8 OLI data. Estuarine, Coastal and Shelf Science, 2017, 187, 168-177.	0.9	29
245	Estimation of Colored Dissolved Organic Matter From Landsat-8 Imagery for Complex Inland Water: Case Study of Lake Huron. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2201-2212.	2.7	57
246	Examining the short-term impacts of diverse management practices on plant phenology and carbon fluxes of Old World bluestems pasture. Agricultural and Forest Meteorology, 2017, 237-238, 60-70.	1.9	41
247	Evaluating the performance of the newly-launched Landsat 8 sensor in detecting and mapping the spatial configuration of water hyacinth (Eichhornia crassipes) in inland lakes, Zimbabwe. Physics and Chemistry of the Earth, 2017, 100, 101-111.	1.2	18
248	Satellite-based assessment of yield variation and its determinants in smallholder African systems. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2189-2194.	3.3	256
249	Spatiotemporal analysis of the atmospheric and surface urban heat islands of the Metropolitan Area of Toluca, Mexico. Environmental Earth Sciences, 2017, 76, 1.	1.3	9
250	Atmospheric correction issues for retrieving total suspended matter concentrations in inland waters using OLI/Landsat-8 image. Advances in Space Research, 2017, 59, 2335-2348.	1.2	64
251	Remote Sensing, natural hazards and the contribution of ESA Sentinels missions. Remote Sensing Applications: Society and Environment, 2017, 6, 25-38.	0.8	53
252	Evaluating the impact of classification algorithms and spatial resolution on the accuracy of land cover mapping in a mountain environment in Pakistan. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	14
253	Comparing Landsat-7 ETM+ and ASTER Imageries to Estimate Daily Evapotranspiration Within a Mediterranean Vineyard Watershed. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 459-463.	1.4	7

#	Article	IF	CITATIONS
254	Surface mass balance on Glacier No. 31 in the Suntar–Khayata Range, eastern Siberia, from 1951 to 2014. Journal of Mountain Science, 2017, 14, 501-512.	0.8	4
255	Using data from Landsat, MODIS, VIIRS and PhenoCams to monitor the phenology of California oak/grass savanna and open grassland across spatial scales. Agricultural and Forest Meteorology, 2017, 237-238, 311-325.	1.9	131
256	Automatic sub-pixel co-registration of Landsat-8 Operational Land Imager and Sentinel-2A Multi-Spectral Instrument images using phase correlation and machine learning based mapping. International Journal of Digital Earth, 2017, 10, 1253-1269.	1.6	48
257	Towards fine resolution global maps of crop yields: Testing multiple methods and satellites in three countries. Remote Sensing of Environment, 2017, 202, 129-141.	4.6	145
258	Testing the detection and discrimination potential of the new LandsatÂ8 satellite data on the challenging water hyacinth (EichhorniaÂcrassipes) in freshwater ecosystems. Applied Geography, 2017, 84, 11-22.	1.7	21
259	Extraction of Glacial Lake Outlines in Tibet Plateau Using Landsat 8 Imagery and Google Earth Engine. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 4002-4009.	2.3	80
260	Multi-faceted land cover and land use change analyses in the Yellow River Basin based on dense Landsat time series: Exemplary analysis in mining, agriculture, forest, and urban areas. Applied Geography, 2017, 85, 73-88.	1.7	50
261	Reassessment of the temperature-emissivity separation from multispectral thermal infrared data: Introducing the impact of vegetation canopy by simulating the cavity effect with the SAIL-Thermique model. Remote Sensing of Environment, 2017, 198, 160-172.	4.6	34
262	A new optimized algorithm for automating endmember pixel selection in the SEBAL and METRIC models. Remote Sensing of Environment, 2017, 196, 178-192.	4.6	62
263	Connecting Earth observation to high-throughput biodiversity data. Nature Ecology and Evolution, 2017, 1, 176.	3.4	156
264	Predicting the spectral information of future land cover using machine learning. International Journal of Remote Sensing, 2017, 38, 5592-5607.	1.3	19
265	A highly efficient temporal-spatial probability synthesized model from multi-temporal remote sensing for paddy rice identification. European Journal of Remote Sensing, 2017, 50, 98-110.	1.7	7
266	Seasonal-based analysis of vegetation response to environmental variables in the mountainous forests of Western Himalaya using Landsat 8 data. International Journal of Remote Sensing, 2017, 38, 4418-4442.	1.3	17
267	Using the 500 m MODIS land cover product to derive a consistent continental scale 30 m Landsat land cover classification. Remote Sensing of Environment, 2017, 197, 15-34.	4.6	191
268	Live Monitoring of Earth Surface (LiMES): A framework for monitoring environmental changes from Earth Observations. Remote Sensing of Environment, 2017, 202, 222-233.	4.6	35
269	Impacts of dust aerosol and adjacency effects on the accuracy of Landsat 8 and RapidEye surface reflectances. Remote Sensing of Environment, 2017, 194, 127-145.	4.6	33
270	Area-wide evapotranspiration monitoring at the crown level of a tropical mountain rain forest. Remote Sensing of Environment, 2017, 194, 219-229.	4.6	12
271	Detecting surface coal mining areas from remote sensing imagery: an approach based on object-oriented decision trees. Journal of Applied Remote Sensing, 2017, 11, 015025.	0.6	17

#	Article	IF	CITATIONS
272	Production, Property, and the Construction of Remotely Sensed Data. Annals of the American Association of Geographers, 2017, 107, 1075-1089.	1.5	10
273	Fusion of Landsat 8 OLI and Sentinel-2 MSI Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3885-3899.	2.7	121
274	Using spectrotemporal indices to improve the fruit-tree crop classification accuracy. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 128, 158-169.	4.9	44
275	A Bayesian hierarchical model for estimating spatial and temporal variation in vegetation phenology from Landsat time series. Remote Sensing of Environment, 2017, 194, 155-160.	4.6	50
276	Deep Learning Classification of Land Cover and Crop Types Using Remote Sensing Data. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 778-782.	1.4	1,144
277	Landsat-8 cloud-free observations in wet tropical areas: a case study in South East Asia. Remote Sensing Letters, 2017, 8, 537-546.	0.6	15
278	Integrating age in the detection and mapping of incongruous patches in coffee (Coffea arabica) plantations using multi-temporal Landsat 8 NDVI anomalies. International Journal of Applied Earth Observation and Geoinformation, 2017, 57, 1-13.	1.4	19
279	Toward Automated Land Cover Classification in Landsat Images Using Spectral Slopes at Different Bands. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1096-1104.	2.3	8
280	A Comparative Study of Landsatâ€7 and Landsatâ€8 Data Using Image Processing Methods for Hydrothermal Alteration Mapping. Resource Geology, 2017, 67, 72-88.	0.3	28
281	Estimation of chlorophyllâ€a concentration and trophic states in Nalban Lake of East Kolkata Wetland, India from Landsat 8 OLI data. Spatial Information Research, 2017, 25, 75-87.	1.3	21
282	Effects of variable resistance on smart structures of cubic reconnaissance satellites in various thermal and frequency shocking conditions. Journal of Mechanical Science and Technology, 2017, 31, 4151-4157.	0.7	36
283	Comparison of Landsat-8, ASTER and Sentinel 1 satellite remote sensing data in automatic lineaments extraction: A case study of Sidi Flah-Bouskour inlier, Moroccan Anti Atlas. Advances in Space Research, 2017, 60, 2355-2367.	1.2	129
284	Observed long-term greening of alpine vegetation—a case study in the French Alps. Environmental Research Letters, 2017, 12, 114006.	2.2	79
285	Improving measurement technology for the design of sustainable cities. Measurement Science and Technology, 2017, 28, 092001.	1.4	11
286	Updating Landsat time series of surface-reflectance composites and forest change products with new observations. International Journal of Applied Earth Observation and Geoinformation, 2017, 63, 104-111.	1.4	32
287	Spatio-temporal variations in plantation forests' disturbance and recovery of northern Guangdong Province using yearly Landsat time series observations (1986–2015). Chinese Geographical Science, 2017, 27, 600-613.	1.2	11
288	Urban roughness parameters estimation from globally available datasets for mesoscale modeling in megacities. Urban Climate, 2017, 21, 243-261.	2.4	15
289	Albedo Retrieval From Multispectral Landsat 8 Observation in Urban Environment: Algorithm Validation by in situ Measurements. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 4504-4511.	2.3	26

#	Article	IF	Citations
290	Change detection using landsat time series: A review of frequencies, preprocessing, algorithms, and applications. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 370-384.	4.9	563
291	Effect of the Vegetation Fire on Backscattering: An Investigation Based on Sentinel-1 Observations. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 4478-4492.	2.3	51
292	Historical grassland desertification changes in the Horqin Sandy Land, Northern China (1985–2013). Scientific Reports, 2017, 7, 3009.	1.6	19
293	Using Landsat Surface Reflectance Data as a Reference Target for Multiswath Hyperspectral Data Collected Over Mixed Agricultural Rangeland Areas. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5002-5014.	2.7	5
294	Estimating the leaf area index in Indian tropical forests using Landsat-8 OLI data. International Journal of Remote Sensing, 2017, 38, 6769-6789.	1.3	12
295	Predicting individual pixel error in remote sensing soft classification. Remote Sensing of Environment, 2017, 199, 401-414.	4.6	19
296	Identification of High-Variation Fields based on Open Satellite Imagery. Advances in Animal Biosciences, 2017, 8, 388-393.	1.0	9
297	A Multi-Sensor Approach for Assessing Mangrove Biophysical Characteristics in Coastal Odisha, India. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2017, 87, 679-700.	0.8	7
298	Glacier Changes on the Qiangtang Plateau between 1976 and 2015: A Case Study in the Xainza Xiegang Mountains. Journal of Resources and Ecology, 2017, 8, 97-104.	0.2	2
299	Climate Engine: Cloud Computing and Visualization of Climate and Remote Sensing Data for Advanced Natural Resource Monitoring and Process Understanding. Bulletin of the American Meteorological Society, 2017, 98, 2397-2410.	1.7	201
300	USE OF MERCATOR CARTOGRAPHIC REPRESENTATION FOR LANDSAT 8 IMAGERIES. Geodesy and Cartography, 2017, 43, 50-55.	0.2	2
301	Assessing the suitability of data from Sentinel-1A and 2A for crop classification. GIScience and Remote Sensing, 2017, 54, 918-938.	2.4	111
302	Characterizing spatiotemporal dynamics in phenology of urban ecosystems based on Landsat data. Science of the Total Environment, 2017, 605-606, 721-734.	3.9	51
303	Incorporating an iterative energy restraint for the Surface Energy Balance System (SEBS). Remote Sensing of Environment, 2017, 198, 267-285.	4.6	15
304	Analyze the spatial distribution of lava flows in Al-Ays Volcanic Area, Saudi Arabia, using remote sensing. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	9
305	China's wetland databases based on remote sensing technology. Chinese Geographical Science, 2017, 27, 374-388.	1.2	17
306	Combining airborne laser scanning and Landsat data for statistical modeling of soil carbon and tree biomass in Tanzanian Miombo woodlands. Carbon Balance and Management, 2017, 12, 8.	1.4	9
307	GuidosToolbox: universal digital image object analysis. European Journal of Remote Sensing, 2017, 50, 352-361.	1.7	183

#	Article	IF	CITATIONS
308	Environmental risk modelling and potential sand fly vectors of cutaneous leishmaniasis in Chitral district: a leishmanial focal point of mount Tirich Mir, Pakistan. Tropical Medicine and International Health, 2017, 22, 1130-1140.	1.0	11
309	Advantage of multispectral imaging with sub-centimeter resolution in precision agriculture: generalization of training for supervised classification. Precision Agriculture, 2017, 18, 615-634.	3.1	4
310	Effects of landscape composition and pattern on land surface temperature: An urban heat island study in the megacities of Southeast Asia. Science of the Total Environment, 2017, 577, 349-359.	3.9	736
311	Toward mapping crop progress at field scales through fusion of Landsat and MODIS imagery. Remote Sensing of Environment, 2017, 188, 9-25.	4.6	340
312	Saltmarshes Response to Human Activities on a Prograding Coast Revealed by a Dual-Scale Time-Series Strategy. Estuaries and Coasts, 2017, 40, 522-539.	1.0	11
313	Using Landsat Time-Series and LiDAR to Inform Aboveground Forest Biomass Baselines in Northern Minnesota, USA. Canadian Journal of Remote Sensing, 2017, 43, 28-47.	1.1	36
314	Impact of Spatial Sampling on Continuity of MODIS–VIIRS Land Surface Reflectance Products: A Simulation Approach. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 183-196.	2.7	9
315	Landsat 8-based inversion methods for aerosol optical depths in the Beijing area. Atmospheric Pollution Research, 2017, 8, 267-274.	1.8	10
316	A regional-scale assessment of Himalayan glacial lake changes using satellite observations from 1990 to 2015. Remote Sensing of Environment, 2017, 189, 1-13.	4.6	240
317	Object detection of satellite images using multi-channel higher-order local autocorrelation. , 2017, , .		10
318	An Object-Based Linear Weight Assignment Fusion Scheme to Improve Classification Accuracy Using Landsat and MODIS Data at the Decision Level. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6989-7002.	2.7	20
319	Automatic Detection and Evaluation of Geological linear Features from Remote Sensing Data Using the Hough Transform Algorithm in Eastern Anti-Atlas (Morocco). , 2017, , .		4
320	Large scale crop classification using Google earth engine platform. , 2017, , .		39
321	A Value-Chain Analysis for the Copernicus Earth Observation Infrastructure Evolution: A Knowledgebase of Users, Needs, Services, and Products. IEEE Geoscience and Remote Sensing Magazine, 2017, 5, 19-35.	4.9	19
322	An automatic orthorectification approach for the time series GF-4 geostationary satellite images in Mountainous area. , 2017, , .		0
323	Analysis of Landscape Patterns of Arid Valleys in China, Based on Grain Size Effect. Sustainability, 2017, 9, 2263.	1.6	14
324	Satellite based seasonal land use classification and change detection analysis of landsat-8 operational land imager. MATEC Web of Conferences, 2017, 120, 09004.	0.1	1
325	Landsat 15-m Panchromatic-Assisted Downscaling (LPAD) of the 30-m Reflective Wavelength Bands to Sentinel-2 20-m Resolution. Remote Sensing, 2017, 9, 755.	1.8	27

#	Article	IF	CITATIONS
326	Monitoring Rice Agriculture across Myanmar Using Time Series Sentinel-1 Assisted by Landsat-8 and PALSAR-2. Remote Sensing, 2017, 9, 119.	1.8	202
327	Exploitation of SAR and Optical Sentinel Data to Detect Rice Crop and Estimate Seasonal Dynamics of Leaf Area Index. Remote Sensing, 2017, 9, 248.	1.8	57
328	Satellite Monitoring the Spatial-Temporal Dynamics of Desertification in Response to Climate Change and Human Activities across the Ordos Plateau, China. Remote Sensing, 2017, 9, 525.	1.8	56
329	Comparing Sentinel-2A and Landsat 7 and 8 Using Surface Reflectance over Australia. Remote Sensing, 2017, 9, 659.	1.8	77
330	Downscaling Land Surface Temperature in an Arid Area by Using Multiple Remote Sensing Indices with Random Forest Regression. Remote Sensing, 2017, 9, 789.	1.8	96
331	Atmospheric Correction of Multi-Spectral Littoral Images Using a PHOTONS/AERONET-Based Regional Aerosol Model. Remote Sensing, 2017, 9, 814.	1.8	6
332	Evaluating Sentinel-2 and Landsat-8 Data to Map Sucessional Forest Stages in a Subtropical Forest in Southern Brazil. Remote Sensing, 2017, 9, 838.	1.8	94
333	Multiscale Remote Sensing to Map the Spatial Distribution and Extent of Cropland in the Sudanian Savanna of West Africa. Remote Sensing, 2017, 9, 839.	1.8	26
334	The Cooling Effect of Urban Parks and Its Monthly Variations in a Snow Climate City. Remote Sensing, 2017, 9, 1066.	1.8	58
335	New Scheme for Validating Remote-Sensing Land Surface Temperature Products with Station Observations. Remote Sensing, 2017, 9, 1210.	1.8	22
336	Improved Accuracy of the Asymmetric Second-Order Vegetation Isoline Equation over the RED–NIR Reflectance Space. Sensors, 2017, 17, 450.	2.1	4
337	Downscaling Land Surface Temperature in Complex Regions by Using Multiple Scale Factors with Adaptive Thresholds. Sensors, 2017, 17, 744.	2.1	30
338	Topographic Correction of Landsat TM-5 and Landsat OLI-8 Imagery to Improve the Performance of Forest Classification in the Mountainous Terrain of Northeast Thailand. Sustainability, 2017, 9, 258.	1.6	39
339	Mapping the Influence of Land Use/Land Cover Changes on the Urban Heat Island Effect—A Case Study of Changchun, China. Sustainability, 2017, 9, 312.	1.6	65
340	In Situ and Satellite Observation of CDOM and Chlorophyll-a Dynamics in Small Water Surface Reservoirs in the Brazilian Semiarid Region. Water (Switzerland), 2017, 9, 913.	1.2	22
341	Satellites-Based Monitoring of Harmful Algal Blooms for Sustainable Desalination. , 2017, , 341-366.		2
342	The Effect of Urban Green Spaces on the Urban Thermal Environment and Its Seasonal Variations. Forests, 2017, 8, 153.	0.9	69
343	Exploring Google Earth Engine Platform for Big Data Processing: Classification of Multi-Temporal Satellite Imagery for Crop Mapping. Frontiers in Earth Science, 2017, 5, .	0.8	278

#	Article	IF	CITATIONS
344	Introduction and Spread of an Exotic Plant, Spartina alterniflora, Along Coastal Marshes of China. Wetlands, 2017, 37, 1181-1193.	0.7	75
345	Seasonal Variations of the Urban Thermal Environment Effect in a Tropical Coastal City. Advances in Meteorology, 2017, 2017, 1-18.	0.6	10
346	Spatiotemporal Built-up Land Density Mapping Using Various Spectral Indices in Landsat-7 ETM+ and Landsat-8 OLI/TIRS (Case Study: Surakarta City). IOP Conference Series: Earth and Environmental Science, 2017, 98, 012006.	0.2	3
347	An Improved Aerosol Optical Depth Retrieval Algorithm for Moderate to High Spatial Resolution Optical Remotely Sensed Imagery. Remote Sensing, 2017, 9, 555.	1.8	14
348	Identifying species from the air: UAVs and the very high resolution challenge for plant conservation. PLoS ONE, 2017, 12, e0188714.	1.1	97
349	Validation of landsat-8 OLI image simulation. , 2017, , .		0
350	Automatic co-registration of multi-temporal Landsat-8/OLI and sentinel-2A/MSI images. , 2017, , .		1
351	Atmospheric correction of Landsat 8 TIRS acquisitions using split window algorithms for analyzing Naameh landfill, Lebanon. , 2017, , .		1
352	Evaluation of multi-spectral cube from multi-sensor imagery corresponding to hyperspectral imagery. , 2017, , .		3
353	Reflectance–Elevation Relationships and Their Seasonal Patterns over Twelve Glaciers in Western China Based on Landsat 8 Data. Remote Sensing, 2017, 9, 187.	1.8	2
354	Radiometric Cross-Calibration of GF-4 PMS Sensor Based on Assimilation of Landsat-8 OLI Images. Remote Sensing, 2017, 9, 811.	1.8	26
355	A Global Analysis of Sentinel-2A, Sentinel-2B and Landsat-8 Data Revisit Intervals and Implications for Terrestrial Monitoring. Remote Sensing, 2017, 9, 902.	1.8	398
356	Research Trend Analysis of Geospatial Information in South Korea Using Text-Mining Technology. Journal of Sensors, 2017, 2017, 1-15.	0.6	2
357	Assessing and Monitoring Forest Degradation in a Deciduous Tropical Forest in Mexico via Remote Sensing Indicators. Forests, 2017, 8, 302.	0.9	32
358	Developments in Landsat Land Cover Classification Methods: A Review. Remote Sensing, 2017, 9, 967.	1.8	289
359	Application of Landsat-8 and ALOS-2 data for structural and landslide hazard mapping in Kelantan, Malaysia. Natural Hazards and Earth System Sciences, 2017, 17, 1285-1303.	1.5	35
360	EO-1 Data Quality and Sensor Stability with Changing Orbital Precession at the End of a 16 Year Mission. Remote Sensing, 2017, 9, 412.	1.8	17
361	Erosión hÃdrica, fundamentos, evaluación y representación cartográfica: una revisión con énfasis en el uso de sensores remotos y Sistemas de Información Geográfica. Gestión Y Ambiente, 2017, 20, 265-280.	0.1	2

		CITATION REPORT		
#	Article		IF	Citations
362	Radiometric Cross-Calibration of GF-4 in Multispectral Bands. Remote Sensing, 2017, 9), 232.	1.8	26
363	Is afforestation-induced land use change the main contributor to vegetation dynamics region of North China?. Ecological Indicators, 2018, 88, 282-291.	in the semiarid	2.6	36
364	A robust adaptive spatial and temporal image fusion model for complex land surface c Sensing of Environment, 2018, 208, 42-62.	hanges. Remote	4.6	91
365	Predicting the distribution of Encephalartos latifrons, a critically endangered cycad in S Biodiversity and Conservation, 2018, 27, 1961-1980.	South Africa.	1.2	11
366	An Accurate and Automated Method for Identifying and Mapping Exposed Rock Outcr Using Landsat 8 Images. IEEE Journal of Selected Topics in Applied Earth Observations Sensing, 2018, 11, 57-67.	op in Antarctica and Remote	2.3	3
367	Regional geology mapping using satellite-based remote sensing approach in Northern Antarctica. Polar Science, 2018, 16, 23-46.	Victoria Land,	0.5	76
368	An integrated soft and hard classification approach for evaluating urban expansion fro multisource remote sensing data: a case study of the Beijing–Tianjin–Tangshan m China. International Journal of Remote Sensing, 2018, 39, 3556-3579.		1.3	7
369	Evaluation of IRS and Landsat 8 OLI imagery data for estimation forest attributes using neighbour non-parametric method. International Journal of Image and Data Fusion, 20		0.8	3
370	A framework for detecting conifer mortality across an ecoregion using high spatial res spaceborne imaging spectroscopy. Remote Sensing of Environment, 2018, 209, 195-2	olution 10.	4.6	27
371	Disturbance-Informed Annual Land Cover Classification Maps of Canada's Forested Ec 29-Year Landsat Time Series. Canadian Journal of Remote Sensing, 2018, 44, 67-87.	psystems for a	1.1	146
372	Completing yearly land cover maps for accurately describing annual changes of tropica Global Ecology and Conservation, 2018, 13, e00384.	al landscapes.	1.0	19
373	Land cover 2.0. International Journal of Remote Sensing, 2018, 39, 4254-4284.		1.3	261
374	Time-since-fire and stand seral stage affect habitat selection of eastern wild turkeys in longleaf pine ecosystem. Forest Ecology and Management, 2018, 411, 203-212.	a managed	1.4	16
375	Assessments of preprocessing methods for Landsat time series images of mountainou tropics. Journal of Forest Research, 2018, 23, 139-148.	s forests in the	0.7	3
376	Comparison of hyperspectral transformation accuracies of multispectral Landsat TM, E EO-1 ALI images for detecting minerals in a geothermal prospect area. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 137, 15-28.		4.9	14
377	Use of LANDSAT 8 images for depth and water quality assessment of El Guájaro reser Journal of South American Earth Sciences, 2018, 82, 231-238.	voir, Colombia.	0.6	32
378	Performance comparison of the MODIS and the VIIRS 1.38 μm cirrus cloud channels and CALIOP data. Remote Sensing of Environment, 2018, 206, 363-374.	using libRadtran	4.6	11
379	Effects of image pansharpening on soil total nitrogen prediction models in South India 2018, 320, 52-66.	. Geoderma,	2.3	29

#	Article	IF	CITATIONS
380	Mapping phytoplankton blooms in deep subalpine lakes from Sentinel-2A and Landsat-8. Hydrobiologia, 2018, 824, 197-214.	1.0	81
381	Remote Sensing Soils and Social Geographies of Difference: The Landscape Archaeology of Regur from Iron Age through Medieval Period Northern Karnataka, Southern India. Journal of Field Archaeology, 2018, 43, 31-43.	0.7	10
382	The potentials of Sentinel-2 and LandSat-8 data in green infrastructure extraction, using object based image analysis (OBIA) method. European Journal of Remote Sensing, 2018, 51, 231-240.	1.7	67
383	A methodology for mapping native and invasive vegetation coverage in archipelagos. Progress in Physical Geography, 2018, 42, 83-111.	1.4	52
384	An automated method for glacial lake mapping in High Mountain Asia using Landsat 8 imagery. Journal of Mountain Science, 2018, 15, 13-24.	0.8	24
385	Spatio-temporal urban growth dynamics of Lagos Metropolitan Region of Nigeria based on Hybrid methods for LULC modeling and prediction. European Journal of Remote Sensing, 2018, 51, 251-265.	1.7	81
386	Combining different spatio-temporal resolution images to depict landscape dynamics and guide wildlife management. Biological Conservation, 2018, 218, 10-17.	1.9	13
387	An integrative modeling approach to mapping wetlands and riparian areas in a heterogeneous Rocky Mountain watershed. Remote Sensing in Ecology and Conservation, 2018, 4, 150-165.	2.2	21
388	Chagas disease study using satellite image processing: A Bolivian case. Acta Astronautica, 2018, 144, 216-224.	1.7	3
389	Retrieval of fractional snow covered area from MODIS data by multivariate adaptive regression splines. Remote Sensing of Environment, 2018, 205, 236-252.	4.6	64
390	Creating a seamless 1 km resolution daily land surface temperature dataset for urban and surrounding areas in the conterminous United States. Remote Sensing of Environment, 2018, 206, 84-97.	4.6	102
391	Monitoring rubber plantation expansion using Landsat data time series and a Shapelet-based approach. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 136, 134-143.	4.9	40
392	A comparison and validation of satellite-derived fire severity mapping techniques in fire prone north Australian savannas: Extreme fires and tree stem mortality. Remote Sensing of Environment, 2018, 206, 287-299.	4.6	34
393	Combination of lumped hydrological and remote-sensing models to evaluate water resources in a semi-arid high altitude ungauged watershed of Sierra Nevada (Southern Spain). Science of the Total Environment, 2018, 625, 285-300.	3.9	41
394	Characterization of Sentinel-2A and Landsat-8 top of atmosphere, surface, and nadir BRDF adjusted reflectance and NDVI differences. Remote Sensing of Environment, 2018, 215, 482-494.	4.6	225
395	Estimation of Soil Moisture in Vegetation-Covered Floodplains with Sentinel-1 SAR Data Using Support Vector Regression. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2018, 86, 85-101.	0.7	26
396	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
397	Open and scalable analytics of large Earth observation datasets: From scenes to multidimensional arrays using SciDB and GDAL. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 138, 47-56.	4.9	35

#	Article	IF	CITATIONS
398	A cloud shadow detection method combined with cloud height iteration and spectral analysis for Landsat 8 OLI data. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 138, 193-207.	4.9	36
399	Comparison of hydrothermal alteration patterns associated with porphyry Cu deposits hosted by granitoids and intermediate-mafic volcanic rocks, Kerman Magmatic Arc, Iran: Application of geological, mineralogical and remote sensing data. Journal of African Earth Sciences, 2018, 142, 112-123.	0.9	14
400	Estimation of water quality parameters using Landsat 8 images: application to Playa Colorada Bay, Sinaloa, Mexico. Applied Geomatics, 2018, 10, 147-158.	1.2	26
401	Development of Landsat-based annual US forest disturbance history maps (1986–2010) in support of the North American Carbon Program (NACP). Remote Sensing of Environment, 2018, 209, 312-326.	4.6	29
402	Rat-bites of an epidemic proportion in Peshawar vale; a GIS based approach in risk assessment. Environmental Monitoring and Assessment, 2018, 190, 233.	1.3	6
403	Quantitative extraction of the bedrock exposure rate based on unmanned aerial vehicle data and Landsat-8 OLI image in a karst environment. Frontiers of Earth Science, 2018, 12, 481-490.	0.9	11
404	A high-performance and in-season classification system of field-level crop types using time-series Landsat data and a machine learning approach. Remote Sensing of Environment, 2018, 210, 35-47.	4.6	324
405	Large-area mapping of Canadian boreal forest cover, height, biomass and other structural attributes using Landsat composites and lidar plots. Remote Sensing of Environment, 2018, 209, 90-106.	4.6	171
406	A Cubesat enabled Spatio-Temporal Enhancement Method (CESTEM) utilizing Planet, Landsat and MODIS data. Remote Sensing of Environment, 2018, 209, 211-226.	4.6	186
407	Dual-tree complex wavelet transform-based image enhancement for accurate long-term change assessment in coal mining areas. Geocarto International, 2018, 33, 1084-1094.	1.7	4
408	Fuel type mapping using object-based image analysis of DMC and Landsat-8 OLI imagery. Geocarto International, 2018, 33, 1064-1083.	1.7	10
409	Application of Landsat-8 and ASTER satellite remote sensing data for porphyry copper exploration: a case study from Shahr-e-Babak, Kerman, south of Iran. Geocarto International, 2018, 33, 1186-1201.	1.7	67
410	Classify-normalize-classify. Earth Science Informatics, 2018, 11, 77-97.	1.6	1
411	Spatiotemporal dynamics of chlorophyll-a in a large reservoir as derived from Landsat 8 OLI data: understanding its driving and restrictive factors. Environmental Science and Pollution Research, 2018, 25, 1359-1374.	2.7	42
412	Widespread forest cutting in the aftermath of World War II captured by broad-scale historical Corona spy satellite photography. Remote Sensing of Environment, 2018, 204, 322-332.	4.6	42
413	Global operational land imager Landsat-8 reflectance-based active fire detection algorithm. International Journal of Digital Earth, 2018, 11, 154-178.	1.6	53
414	Estimating aboveground woody biomass change in Kalahari woodland: combining field, radar, and optical data sets. International Journal of Remote Sensing, 2018, 39, 577-606.	1.3	14
415	Decadal assessment of urban sprawl and its effects on local temperature using Landsat data in Cantho city, Vietnam. Sustainable Cities and Society, 2018, 36, 81-91.	5.1	29

#	Article	IF	CITATIONS
416	Monitoring and analysing the Emirate of Dubai's land use/land cover changes: an integrated, low-cost remote sensing approach. International Journal of Digital Earth, 2018, 11, 1132-1150.	1.6	16
417	Improving accuracy of long-term land-use change in coal mining areas using wavelets and Support Vector Machines. International Journal of Remote Sensing, 2018, 39, 84-100.	1.3	13
418	The urban heat island in Rio de Janeiro, Brazil, in the last 30 years using remote sensing data. International Journal of Applied Earth Observation and Geoinformation, 2018, 64, 104-116.	1.4	83
419	A hybrid training approach for leaf area index estimation via Cubist and random forests machine-learning. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 135, 173-188.	4.9	165
420	Sunglint correction of the Multi-Spectral Instrument (MSI)-SENTINEL-2 imagery over inland and sea waters from SWIR bands. Remote Sensing of Environment, 2018, 204, 308-321.	4.6	102
421	Mapping pasture management in the Brazilian Amazon from dense Landsat time series. Remote Sensing of Environment, 2018, 205, 453-468.	4.6	37
422	Sensitivity of clay content prediction to spectral configuration of VNIR/SWIR imaging data, from multispectral to hyperspectral scenarios. Remote Sensing of Environment, 2018, 204, 18-30.	4.6	61
423	Lake imaging and monitoring aerial drone. HardwareX, 2018, 3, 146-159.	1.1	11
424	Disturbance feedbacks on the height of woody vegetation in a savannah: a multi-plot assessment using an unmanned aerial vehicle (UAV). International Journal of Remote Sensing, 2018, 39, 4761-4785.	1.3	21
425	Using nonparametric modeling approaches and remote sensing imagery to estimate ecological welfare forest biomass. Journal of Forestry Research, 2018, 29, 151-161.	1.7	15
426	Studying the Dynamics of Lake Sevan Water Surface Temperature Using Landsat8 Sateliite Imagery. Annals of Valahia University of Targoviste Geographical Series, 2018, 18, 68-73.	0.2	1
427	Selective Thematic Information Content Enhancement of LANDSAT ETM Imagery. Remote Sensing in Earth Systems Sciences, 2018, 1, 53-62.	1.1	0
428	Utilization of Vegetation Indices to Interpret the Possibility of Oil and Gas Microseepages at Ground Surface. IOP Conference Series: Earth and Environmental Science, 2018, 145, 012012.	0.2	4
429	Repeat mapping of snow depth across an alpine catchment with RPAS photogrammetry. Cryosphere, 2018, 12, 3477-3497.	1.5	19
430	Spatiotemporal Variations of Aboveground Biomass under Different Terrain Conditions. Forests, 2018, 9, 778.	0.9	9
431	Mapping burned areas from landsat-8 imageries on mountainous region using reflectance changes. MATEC Web of Conferences, 2018, 229, 04012.	0.1	2
432	Spatial Analysis of Environmental Critically due to Increased Temperature in The Built Up Area With Remote Sensing. IOP Conference Series: Earth and Environmental Science, 2018, 165, 012011.	0.2	0
433	Multitemporal Remote Sensing Data Analysis for Agricultural Application. , 2018, , 29-38.		3

#	Article	IF	CITATIONS
434	Forest degradation with remote sensing: how spatial resolution plays a role. , 2018, , .		0
435	Lithostratigraphic Classification Method Combining Optimal Texture Window Size Selection and Test Sample Purification Using Landsat 8 OLI Data. Open Geosciences, 2018, 10, 565-581.	0.6	6
436	Automatic detection of forest fire burnt scar from Landsat-8 image of northern part of Thailand. , 2018, , .		4
437	Mapping Mangrove Forests of Dongzhaigang Nature Reserve in China Using Landsat 8 and Radarsat-2 Polarimetric SAR Data. Sensors, 2018, 18, 4012.	2.1	29
438	Exploring Recurrent and Feedback CNNs for Multi-Spectral Satellite Image Classification. Procedia Computer Science, 2018, 140, 162-169.	1.2	11
439	Evaluating and modeling the spatiotemporal pattern of regional-scale salinized land expansion in highly sensitive shoreline landscape of southeastern Iran. Journal of Arid Land, 2018, 10, 946-958.	0.9	5
440	Utilization of Vegetation Indices to Interpret the Possibility of Oil and Gas Microseepages at Ground Surface. IOP Conference Series: Earth and Environmental Science, 2018, 145, 012127.	0.2	1
441	Cloud Detection for Landsat Images by Fusion of Multi-Temporal Data. , 2018, , .		2
442	Transforming Wildfire Detection and Prediction Using New and Underused Sensor and Data Sources Integrated with Modeling. , 2018, , 215-231.		4
443	A comparison of pixel and object-based change detection techniques using Landsat-8 multispectral imagery from Barrancabermeja city. , 2018, , .		0
444	Fire Detection in a Varying Topography Using Landsat-8 for Nainital Region, India. , 2018, , .		0
445	The challenges of using satellite data sets to assess historical land use change and associated greenhouse gas emissions: a case study of three Indonesian provinces. Carbon Management, 2018, 9, 399-413.	1.2	11
446	Large-Area Gap Filling of Landsat Reflectance Time Series by Spectral-Angle-Mapper Based Spatio-Temporal Similarity (SAMSTS). Remote Sensing, 2018, 10, 609.	1.8	51
447	A Deep Convolution Neural Network Method for Land Cover Mapping: A Case Study of Qinhuangdao, China. Remote Sensing, 2018, 10, 2053.	1.8	48
448	LakeTime: Automated Seasonal Scene Selection for Global Lake Mapping Using Landsat ETM+ and OLI. Remote Sensing, 2018, 10, 54.	1.8	12
449	Monitoring Coastal Chlorophyll-a Concentrations in Coastal Areas Using Machine Learning Models. Water (Switzerland), 2018, 10, 1020.	1.2	30
450	Glacial Lakes in the Nepal Himalaya: Inventory and Decadal Dynamics (1977–2017). Remote Sensing, 2018, 10, 1913.	1.8	59
451	Atmospheric Correction and Cirrus Clouds Removal from MSI Sentinel 2A Images. , 2018, , .		3

#	Article	IF	CITATIONS
452	The role of satellite observations in understanding the impact of El Niño on the carbon cycle: current capabilities and future opportunities. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170407.	1.8	8
453	Continental-scale surface reflectance product from CBERS-4 MUX data: Assessment of atmospheric correction method using coincident Landsat observations. Remote Sensing of Environment, 2018, 218, 55-68.	4.6	16
454	Soil Moisture Retrieval from the Chinese GF-3 Satellite and Optical Data over Agricultural Fields. Sensors, 2018, 18, 2675.	2.1	25
455	Landsat Program. , 2018, , 27-90.		14
456	Colour Classification of 1486 Lakes across a Wide Range of Optical Water Types. Remote Sensing, 2018, 10, 1273.	1.8	44
457	Spatio-temporal variations of CDOM in shallow inland waters from a semi-analytical inversion of Landsat-8. Remote Sensing of Environment, 2018, 218, 189-200.	4.6	38
458	Conceptual design of a Moon-based Earth radiation observatory. International Journal of Remote Sensing, 2018, 39, 5834-5849.	1.3	11
459	Improving Spatial-Temporal Data Fusion by Choosing Optimal Input Image Pairs. Remote Sensing, 2018, 10, 1142.	1.8	38
460	The Effects of Land Use and Land Cover Geoinformation Raster Generalization in the Analysis of LUCC in Portugal. ISPRS International Journal of Geo-Information, 2018, 7, 390.	1.4	10
461	Remote sensing of coal fires in India: A review. Earth-Science Reviews, 2018, 187, 338-355.	4.0	40
462	Relations between Objective and Perceived Built Environments and the Modifying Role of Individual Socioeconomic Position. A Cross-Sectional Study on Traffic Noise and Urban Green Space in a Large German City. International Journal of Environmental Research and Public Health, 2018, 15, 1562.	1.2	12
463	Drought Influence on Forest Plantations in Zululand, South Africa, Using MODIS Time Series and Climate Data. Forests, 2018, 9, 528.	0.9	32
464	Assessing the Variability of Corn and Soybean Yields in Central Iowa Using High Spatiotemporal Resolution Multi-Satellite Imagery. Remote Sensing, 2018, 10, 1489.	1.8	72
465	Assessment of oil spills using Sentinel 1 C-band SAR and Landsat 8 multispectral sensors. Environmental Monitoring and Assessment, 2018, 190, 637.	1.3	31
466	The Harmonized Landsat and Sentinel-2 surface reflectance data set. Remote Sensing of Environment, 2018, 219, 145-161.	4.6	709
467	Decomposition of Landsat 8 OLI Images by Simplified Spectral Patterns for Land Cover Mapping. , 2018, , .		2
468	Contribution of leaf specular reflection to canopy reflectance under black soil case using stochastic radiative transfer model. Agricultural and Forest Meteorology, 2018, 263, 477-482.	1.9	8
469	Land Cover Classification Using Integrated Spectral, Temporal, and Spatial Features Derived from Remotely Sensed Images. Remote Sensing, 2018, 10, 383.	1.8	25

#	Article	IF	CITATIONS
470	PALSAR-2/ALOS-2 AND OLI/LANDSAT-8 DATA INTEGRATION FOR LAND USE AND LAND COVER MAPPING IN NORTHERN BRAZILIAN AMAZON. Boletim De Ciencias Geodesicas, 2018, 24, 250-269.	0.2	17
471	Application of Multi-Sensor Satellite Data for Exploration of Zn–Pb Sulfide Mineralization in the Franklinian Basin, North Greenland. Remote Sensing, 2018, 10, 1186.	1.8	92
472	Atlantic Forest loss caused by the world´s largest tailing dam collapse (Fundão Dam, Mariana, Brazil). Remote Sensing Applications: Society and Environment, 2018, 12, 30-34.	0.8	34
473	Preliminary assessment of 20-m surface albedo retrievals from sentinel-2A surface reflectance and MODIS/VIIRS surface anisotropy measures. Remote Sensing of Environment, 2018, 217, 352-365.	4.6	37
474	A Preparatory Comparison of Landsat and Sentinel Satellite Data for Estimation of Chlorophyll Concentration in Vegetation. , 2018, , .		2
475	Using remote sensing to assess the impact of beaver damming on riparian evapotranspiration in an arid landscape. Ecohydrology, 2018, 11, e1993.	1.1	29
476	Monitoring and assessment of seasonal land cover changes using remote sensing: a 30-year (1987–2016) case study of Hamoun Wetland, Iran. Environmental Monitoring and Assessment, 2018, 190, 356.	1.3	52
477	Estimating Plant Traits of Alpine Grasslands on the Qinghai-Tibetan Plateau Using Remote Sensing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2263-2275.	2.3	16
478	Machine Learning Regression Techniques for the Silage Maize Yield Prediction Using Time-Series Images of Landsat 8 OLI. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4563-4577.	2.3	101
479	STAIR: A generic and fully-automated method to fuse multiple sources of optical satellite data to generate a high-resolution, daily and cloud-/gap-free surface reflectance product. Remote Sensing of Environment, 2018, 214, 87-99.	4.6	84
480	A fuel moisture content and flammability monitoring methodology for continental Australia based on optical remote sensing. Remote Sensing of Environment, 2018, 212, 260-272.	4.6	104
481	Impact of Wavelength Shift in Relative Spectral Response at High Angles of Incidence in Landsat-8 Operational Land Imager and Future Landsat Design Concepts. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5873-5883.	2.7	19
482	Assessing the effectiveness of Landsat 8 chlorophyll <i>a</i> retrieval algorithms for regional freshwater monitoring. Ecological Applications, 2018, 28, 1044-1054.	1.8	58
483	Local-scale accuracy assessment of vegetation cover change maps derived from Global Forest Change data, ClasLite, and supervised classifications: case study at part of Riau Province, Indonesia. Applied Geomatics, 2018, 10, 205-217.	1.2	7
484	Flood hazard assessment of August 20, 2016 floods in Satna District, Madhya Pradesh, India. Remote Sensing Applications: Society and Environment, 2018, 11, 104-118.	0.8	14
485	Glacier variations in response to climate change in the eastern Nyainqêntanglha Range, Tibetan Plateau from 1999 to 2015. Arctic, Antarctic, and Alpine Research, 2018, 50, .	0.4	9
486	Landscape features and potential heat hazard threat: a spatial–temporal analysis of two urban universities. Natural Hazards, 2018, 92, 1267-1286.	1.6	5
487	Crop type mapping from pansharpened Landsat 8 NDVI data: A case of a highly fragmented and intensive agricultural system. Remote Sensing Applications: Society and Environment, 2018, 11, 94-103.	0.8	24

#	Article	IF	CITATIONS
488	An Operational Land Surface Temperature Product for Landsat Thermal Data: Methodology and Validation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5717-5735.	2.7	158
489	A Systematic Extraction Approach for Mapping Glacial Lakes in High Mountain Regions of Asia. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2788-2799.	2.3	28
490	Hybrid atmospheric correction algorithms and evaluation on VNIR/SWIR Hyperion satellite data for soil organic carbon prediction. International Journal of Remote Sensing, 2018, 39, 8246-8270.	1.3	1
491	Ultralow Surface Temperatures in East Antarctica From Satellite Thermal Infrared Mapping: The Coldest Places on Earth. Geophysical Research Letters, 2018, 45, 6124-6133.	1.5	88
492	The development of spectral indices for detecting built-up land areas and their relationship with land-surface temperature. International Journal of Remote Sensing, 2018, 39, 8428-8449.	1.3	24
493	Using SAR satellite data time series for regional glacier mapping. Cryosphere, 2018, 12, 867-890.	1.5	46
494	Applicability of Downscaling Land Surface Temperature by Using Normalized Difference Sand Index. Scientific Reports, 2018, 8, 9530.	1.6	54
495	Estimation of Crop Evapotranspiration Using Satellite Remote Sensing-Based Vegetation Index. Advances in Meteorology, 2018, 2018, 1-12.	0.6	34
496	Assessment of trophic state and water quality of coastal-inland lakes based on Fuzzy Inference System. Journal of Great Lakes Research, 2018, 44, 1010-1025.	0.8	17
497	Introduction to Remote Sensing for Conservation Practitioners. , 0, , 26-53.		0
498	Applications of Remote Sensing in Geoscience. , 0, , .		7
499	Comparison of Pixel- and Object-Based Approaches in Phenology-Based Rubber Plantation Mapping in Fragmented Landscapes. Remote Sensing, 2018, 10, 44.	1.8	26
500	A Multi-Temporal Analyses of Land Surface Temperature Using Landsat-8 Data and Open Source Software: The Case Study of Modena, Italy. Sustainability, 2018, 10, 1678.	1.6	27
501	Deriving High Spatiotemporal Remote Sensing Images Using Deep Convolutional Network. Remote Sensing, 2018, 10, 1066.	1.8	99
502	Mapping annual urban dynamics (1985–2015) using time series of Landsat data. Remote Sensing of Environment, 2018, 216, 674-683.	4.6	101
503	Synthesizing water quality indicators from standardized geospatial information to remedy water security challenges: A review. Environment International, 2018, 119, 220-231.	4.8	40
504	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
505	Let's get connected: A new graph theoryâ€based approach and toolbox for understanding braided river morphodynamics. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1296.	2.8	19

#	Article	IF	CITATIONS
506	Generalized FPAR estimation methods from various satellite sensors and validation. Agricultural and Forest Meteorology, 2018, 260-261, 55-72.	1.9	11
507	Disaggregation of Landsat-8 Thermal Data Using Guided SWIR Imagery on the Scene of a Wildfire. Remote Sensing, 2018, 10, 105.	1.8	14
508	Comparative Analysis of Responses of Land Surface Temperature to Long-Term Land Use/Cover Changes between a Coastal and Inland City: A Case of Freetown and Bo Town in Sierra Leone. Remote Sensing, 2018, 10, 112.	1.8	46
509	Improved Co-Registration of Sentinel-2 and Landsat-8 Imagery for Earth Surface Motion Measurements. Remote Sensing, 2018, 10, 160.	1.8	65
510	Estimation of Leaf Area Index in a Mountain Forest of Central Japan with a 30-m Spatial Resolution Based on Landsat Operational Land Imager Imagery: An Application of a Simple Model for Seasonal Monitoring. Remote Sensing, 2018, 10, 179.	1.8	13
511	Assessing the Accuracy of Automatically Extracted Shorelines on Microtidal Beaches from Landsat 7, Landsat 8 and Sentinel-2 Imagery. Remote Sensing, 2018, 10, 326.	1.8	98
512	Burned Area Mapping of an Escaped Fire into Tropical Dry Forest in Western Madagascar Using Multi-Season Landsat OLI Data. Remote Sensing, 2018, 10, 371.	1.8	22
513	Improvement of Moderate Resolution Land Use and Land Cover Classification by Introducing Adjacent Region Features. Remote Sensing, 2018, 10, 414.	1.8	13
514	Estimating Sub-Pixel Soybean Fraction from Time-Series MODIS Data Using an Optimized Geographically Weighted Regression Model. Remote Sensing, 2018, 10, 491.	1.8	18
515	Characterizing Tropical Forest Cover Loss Using Dense Sentinel-1 Data and Active Fire Alerts. Remote Sensing, 2018, 10, 777.	1.8	43
516	Daily Retrieval of NDVI and LAI at 3 m Resolution via the Fusion of CubeSat, Landsat, and MODIS Data. Remote Sensing, 2018, 10, 890.	1.8	99
517	Lake Area Analysis Using Exponential Smoothing Model and Long Time-Series Landsat Images in Wuhan, China. Sustainability, 2018, 10, 149.	1.6	24
518	Spatially Explicit Soil Compaction Risk Assessment of Arable Soils at Regional Scale: The SaSCiA-Model. Sustainability, 2018, 10, 1618.	1.6	19
519	Subpixel Surface Water Extraction (SSWE) Using Landsat 8 OLI Data. Water (Switzerland), 2018, 10, 653.	1.2	23
520	Calibration of CLAIR Model by Means of Sentinel-2 LAI Data for Analysing Wheat Crops Through Landsat-8 Surface Reflectance Data. Lecture Notes in Computer Science, 2018, , 294-304.	1.0	3
521	Mapping continuous fields of tree and shrub cover across the Gran Chaco using Landsat 8 and Sentinel-1 data. Remote Sensing of Environment, 2018, 216, 201-211.	4.6	59
522	Detection flying aircraft from Landsat 8 OLI data. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 141, 176-184.	4.9	13
523	Quantifying the spatial and temporal distribution of tanglehead (Heteropogon contortus) on South Texas rangelands. Ecological Processes, 2018, 7, .	1.6	13

#	Article	IF	CITATIONS
524	Automatic extraction of yardangs using Landsat 8 and UAV images: A case study in the Qaidam Basin, China. Aeolian Research, 2018, 33, 53-61.	1.1	10
525	Untangling methodological and scale considerations in growth and productivity trend estimates of Canada's forests. Environmental Research Letters, 2018, 13, 093001.	2.2	24
526	A 30-m landsat-derived cropland extent product of Australia and China using random forest machine learning algorithm on Google Earth Engine cloud computing platform. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 144, 325-340.	4.9	316
527	Household-level and surrounding peri-domestic environmental characteristics associated with malaria vectors Anopheles arabiensis and Anopheles funestus along an urban–rural continuum in Blantyre, Malawi. Malaria Journal, 2018, 17, 229.	0.8	13
528	Effects of a large-scale late spring frost on a beech (Fagus sylvatica L.) dominated Mediterranean mountain forest derived from the spatio-temporal variations of NDVI. Annals of Forest Science, 2018, 75, 1.	0.8	39
529	Closed Loop Controlled Precision Irrigation Sensor Network. IEEE Internet of Things Journal, 2018, 5, 4580-4588.	5.5	30
530	Fuel load mapping in the Brazilian Cerrado in support of integrated fire management. Remote Sensing of Environment, 2018, 217, 221-232.	4.6	36
531	An assessment of Landsat-8 atmospheric correction schemes and remote sensing reflectance products in coral reefs and coastal turbid waters. Remote Sensing of Environment, 2018, 215, 18-32.	4.6	65
532	Impact of snow cover on impervious surface detection. International Journal of Remote Sensing, 2018, 39, 7607-7627.	1.3	0
533	Semi-automatic extraction and mapping of dyke swarms based on multi-resolution remote sensing images: Applied to the dykes in the Kuluketage region in the northeastern Tarim Block. Precambrian Research, 2019, 329, 262-272.	1.2	16
534	Land-cover change in the Wulagai grassland, Inner Mongolia of China between 1986 and 2014 analysed using multi-temporal Landsat images. Geocarto International, 2019, 34, 1237-1251.	1.7	7
535	Piezoelectric thermo electromechanical energy harvester for reconnaissance satellite structure. Microsystem Technologies, 2019, 25, 665-672.	1.2	30
537	River centerline extraction using the multiple direction integration algorithm for mixed and pure water pixels. GIScience and Remote Sensing, 2019, 56, 256-281.	2.4	6
538	Synergies of Spaceborne Imaging Spectroscopy with Other Remote Sensing Approaches. Surveys in Geophysics, 2019, 40, 657-687.	2.1	10
539	Impacts of Large-Area Impervious Surfaces on Regional Land Surface Temperature in the Great Pearl River Delta, China. Journal of the Indian Society of Remote Sensing, 2019, 47, 1831-1845.	1.2	6
540	A Combined PCA-SIs Classification Approach for Delineating Built-up Area from Remote Sensing Data. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2019, 87, 91-102.	0.7	3
541	Long-Term Monitoring of Transformation from Pastoral to Agricultural Land Use Using Time-Series Landsat Data in the Feija Basin (Southeast Morocco). Earth Systems and Environment, 2019, 3, 525-538.	3.0	9
542	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

#	Article	IF	CITATIONS
543	Characterizing the Hourly Variation of Urban Heat Islands in a Snowy Climate City during Summer. International Journal of Environmental Research and Public Health, 2019, 16, 2467.	1.2	17
544	Spectral Super-Resolution with Optimized Bands. Remote Sensing, 2019, 11, 1648.	1.8	14
545	LANDFIRE Remap Prototype Mapping Effort: Developing a New Framework for Mapping Vegetation Classification, Change, and Structure. Fire, 2019, 2, 35.	1.2	17
546	Coral Reef Change Detection in Remote Pacific Islands Using Support Vector Machine Classifiers. Remote Sensing, 2019, 11, 1525.	1.8	33
547	Landsat-8 and Sentinel-2 burned area mapping - A combined sensor multi-temporal change detection approach. Remote Sensing of Environment, 2019, 231, 111254.	4.6	155
548	Developing Transformation Functions for VENμS and Sentinel-2 Surface Reflectance over Israel. Remote Sensing, 2019, 11, 1710.	1.8	20
549	Methods for Earth-Observing Satellite Surface Reflectance Validation. Remote Sensing, 2019, 11, 1543.	1.8	13
550	Automated Extraction of Built-Up Areas by Fusing VIIRS Nighttime Lights and Landsat-8 Data. Remote Sensing, 2019, 11, 1571.	1.8	19
551	Mapping annual land use changes in China's poverty-stricken areas from 2013 to 2018. Remote Sensing of Environment, 2019, 232, 111285.	4.6	48
552	A Polarimetric SAR and Multispectral Remote Sensing Approach for Mapping Salt Diapirs: Axel Heiberg Island, NU, Canada. Canadian Journal of Remote Sensing, 2019, 45, 54-72.	1.1	0
553	Assessing the pasturelands and livestock dynamics in Brazil, from 1985 to 2017: A novel approach based on high spatial resolution imagery and Google Earth Engine cloud computing. Remote Sensing of Environment, 2019, 232, 111301.	4.6	89
554	Multispectral and Radar Data for the Setting of Gold Mineralization in the South Eastern Desert, Egypt. Remote Sensing, 2019, 11, 1450.	1.8	52
555	Remote sensing for drought monitoring & impact assessment: Progress, past challenges and future opportunities. Remote Sensing of Environment, 2019, 232, 111291.	4.6	265
556	Generating intra-year metrics of wildfire progression using multiple open-access satellite data streams. Remote Sensing of Environment, 2019, 232, 111295.	4.6	31
557	Cloud Masking for Landsat 8 and MODIS Terra Over Snow overed Terrain: Error Analysis and Spectral Similarity Between Snow and Cloud. Water Resources Research, 2019, 55, 6169-6184.	1.7	70
558	Winter Wheat Yield Assessment from Landsat 8 and Sentinel-2 Data: Incorporating Surface Reflectance, Through Phenological Fitting, into Regression Yield Models. Remote Sensing, 2019, 11, 1768.	1.8	58
559	Mapping Paddy Rice Planting Area in Northeastern China Using Spatiotemporal Data Fusion and Phenology-Based Method. Remote Sensing, 2019, 11, 1699.	1.8	47
560	Detecting change-point, trend, and seasonality in satellite time series data to track abrupt changes and nonlinear dynamics: A Bayesian ensemble algorithm. Remote Sensing of Environment, 2019, 232, 111181.	4.6	159

#	Article	IF	CITATIONS
561	Tsunami Assessment and Evacuation Analysis Using Remote Sensing for Tianya District of Sanya City, China. Journal of Earthquake and Tsunami, 2019, 13, 1941003.	0.7	2
562	Satellite Discovery of Anomalously Large Methane Point Sources From Oil/Gas Production. Geophysical Research Letters, 2019, 46, 13507-13516.	1.5	127
563	Rapid Assessment of Shoreline Changes Induced by Tropical Cyclone Oma Using CubeSat Imagery in Southeast Queensland, Australia. Journal of Coastal Research, 2019, 36, 72.	0.1	16
564	Temporal Evolution of Corn Mass Production Based on Agro-Meteorological Modelling Controlled by Satellite Optical and SAR Images. Remote Sensing, 2019, 11, 1978.	1.8	13
565	Assessing plant production responses to climate across water-limited regions using Google Earth Engine. Remote Sensing of Environment, 2019, 233, 111379.	4.6	21
566	Understanding Dynamics of Mangrove Forest on Protected Areas of Hainan Island, China: 30 Years of Evidence from Remote Sensing. Sustainability, 2019, 11, 5356.	1.6	23
567	Science of Landsat Analysis Ready Data. Remote Sensing, 2019, 11, 2166.	1.8	20
568	Combining ASNARO-2 XSAR HH and Sentinel-1 C-SAR VH/VV Polarization Data for Improved Crop Mapping. Remote Sensing, 2019, 11, 1920.	1.8	17
569	Remote sensing of dryland ecosystem structure and function: Progress, challenges, and opportunities. Remote Sensing of Environment, 2019, 233, 111401.	4.6	193
570	A New Index for Remote Sensing of Soil Organic Carbon Based Solely on Visible Wavelengths. Soil Science Society of America Journal, 2019, 83, 1443-1450.	1.2	21
571	Deep learning-based fusion of Landsat-8 and Sentinel-2 images for a harmonized surface reflectance product. Remote Sensing of Environment, 2019, 235, 111425.	4.6	164
572	Outlook for carbon stock of tropical forest in the context of climate change. IOP Conference Series: Earth and Environmental Science, 2019, 299, 012049.	0.2	0
573	Linear downscaling from MODIS to landsat: connecting landscape composition with ecosystem functions. Landscape Ecology, 2019, 34, 2917-2934.	1.9	12
574	Harmonizing Landsat 8 and Sentinel-2: A time-series-based reflectance adjustment approach. Remote Sensing of Environment, 2019, 235, 111439.	4.6	48
575	Extracting Khmer Rouge Irrigation Networks from Pre-Landsat 4 Satellite Imagery Using Vegetation Indices. Remote Sensing, 2019, 11, 2397.	1.8	6
576	A Comprehensive and Automated Fusion Method: The Enhanced Flexible Spatiotemporal DAta Fusion Model for Monitoring Dynamic Changes of Land Surface. Applied Sciences (Switzerland), 2019, 9, 3693.	1.3	22
577	Enhancing the accuracy of retrieving quantities of turbidity and total suspended solids using Landsat-8-based-principal component analysis technique. Journal of Spatial Science, 2019, , 1-20.	1.0	7
578	Differences in root phenology and water depletion by an invasive grass explains persistence in a Mediterranean ecosystem. American Journal of Botany, 2019, 106, 1210-1218.	0.8	16

#	Article	IF	CITATIONS
579	Remote Sensing for the Quantification of Land Surface Dynamics in Large River Delta Regions—A Review. Remote Sensing, 2019, 11, 1985.	1.8	20
580	Improving cover and management factor (C-factor) estimation using remote sensing approaches for tropical regions. International Soil and Water Conservation Research, 2019, 7, 325-334.	3.0	87
581	Gross primary productivity in areas of different land cover in the western Brazilian Amazon. Remote Sensing Applications: Society and Environment, 2019, 16, 100259.	0.8	6
582	Intercomparison of AVHRR GIMMS3g, Terra MODIS, and SPOT-VGT NDVI Products over the Mongolian Plateau. Remote Sensing, 2019, 11, 2030.	1.8	22
583	Temporal Attention Networks for Multitemporal Multisensor Crop Classification. IEEE Access, 2019, 7, 134677-134690.	2.6	15
584	Characterising spatio-temporal variability in seasonal snow cover at a regional scale from MODIS data: the Clutha Catchment, New Zealand. Hydrology and Earth System Sciences, 2019, 23, 3189-3217.	1.9	7
585	Detecting Forest Changes Using Dense Landsat 8 and Sentinel-1 Time Series Data in Tropical Seasonal Forests. Remote Sensing, 2019, 11, 1899.	1.8	46
586	Thermal Infrared Satellite Imagery Resolution enhancement with Fuzzy Logic Bandpass filtering. , 2019,		1
587	Using overlapping VIIRS scenes to observe short term variations in particulate matter in the coastal environment. Remote Sensing of Environment, 2019, 233, 111367.	4.6	9
588	Reflectance-based Model for Soybean Mapping in United States at Common Land Unit Scale with Landsat 8. European Journal of Remote Sensing, 2019, 52, 522-531.	1.7	2
589	Conjugate utilization of Landsat-8 OLI, ground gravity and magnetic data for targeting mafic cumulates within anorthositic-layered complex of Sittampundi, India. Geocarto International, 2021, 36, 1855-1872.	1.7	10
590	Land use/land cover change evaluation using land change modeller: A comparative analysis between two main cities in Sierra Leone. Remote Sensing Applications: Society and Environment, 2019, 16, 100262.	0.8	12
591	Rotation Effects on Corn and Soybean Yield Inferred from Satellite and Fieldâ€level Data. Agronomy Journal, 2019, 111, 2940-2948.	0.9	10
592	Assimilating optical satellite remote sensing images and field data to predict surface indicators in the Western U.S.: Assessing error in satellite predictions based on large geographical datasets with the use of machine learning. Remote Sensing of Environment, 2019, 233, 111382.	4.6	37
593	FORCE—Landsat + Sentinel-2 Analysis Ready Data and Beyond. Remote Sensing, 2019, 11, 1124.	1.8	153
594	Change Over Time in Grey Levels of Multispectral Landsat 5TM/8OLI Satellite Images. Lecture Notes in Electrical Engineering, 2019, , 309-356.	0.3	9
595	After the rubber boom: good news and bad news for biodiversity in Xishuangbanna, Yunnan, China. Regional Environmental Change, 2019, 19, 1713-1724.	1.4	43
596	Bodily Inertia and the Weaponization of the Sonoran Desert in US Boundary Enforcement: A GIS Modeling of Migration Routes through Arizona's Altar Valley. Journal on Migration and Human Security, 2019, 7, 23-35.	0.6	27

#	Article	IF	CITATIONS
597	Detecting intercepted snow on mountain needleleaf forest canopies using satellite remote sensing. Remote Sensing of Environment, 2019, 231, 111222.	4.6	16
598	Multi-Modal Object Tracking and Image Fusion With Unsupervised Deep Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3056-3066.	2.3	8
599	Improved Bathymetric Mapping of Coastal and Lake Environments Using Sentinel-2 and Landsat-8 Images. Sensors, 2019, 19, 2788.	2.1	63
600	Synergy Between Sentinel-MSI and Landsat-OLI to Support High Temporal Frequency for Soil Salinity Monitoring in an Arid Landscape. , 2019, , 67-93.		3
601	Land use and land cover mapping in wetlands one step closer to the ground: Sentinel-2 versus landsat 8. Journal of Environmental Management, 2019, 247, 484-498.	3.8	66
602	Hydrologic model parameterization using dynamic Landsat-based vegetative estimates within a semiarid grassland. Journal of Hydrology, 2019, 575, 1073-1086.	2.3	9
603	Assessment of age, origin, and sustainability of fossil aquifers: A geochemical and remote sensing-based approach. Journal of Hydrology, 2019, 576, 325-341.	2.3	52
604	An orbit-based remote sensing geological assessment of the CanMars Mars Sample Return Analogue Deployment (MSRAD) landing site situated in the Henry Mountains Basin, near Hanksville, Utah. Planetary and Space Science, 2019, 173, 14-34.	0.9	4
605	Detection of Glacier Calving Margins with Convolutional Neural Networks: A Case Study. Remote Sensing, 2019, 11, 74.	1.8	56
606	Longâ€ŧerm trajectories of fractional component change in the Northern Great Basin, <scp>USA</scp> . Ecosphere, 2019, 10, e02762.	1.0	28
607	Integrating multi-sensor remote sensing and species distribution modeling to map the spread of emerging forest disease and tree mortality. Remote Sensing of Environment, 2019, 231, 111238.	4.6	42
608	Fmask 4.0: Improved cloud and cloud shadow detection in Landsats 4–8 and Sentinel-2 imagery. Remote Sensing of Environment, 2019, 231, 111205.	4.6	248
609	Identifying Dry-Season Rice-Planting Patterns in Bangladesh Using the Landsat Archive. Remote Sensing, 2019, 11, 1235.	1.8	22
610	Harmonizing Multi-Source Remote Sensing Images for Summer Corn Growth Monitoring. Remote Sensing, 2019, 11, 1266.	1.8	14
611	Modeling the Response of the Langtang Glacier and the Hintereisferner to a Changing Climate Since the Little Ice Age. Frontiers in Earth Science, 2019, 7, .	0.8	16
612	Questions of Concern in Drawing Up a Remote Sensing Change Detection Plan. Journal of the Indian Society of Remote Sensing, 2019, 47, 1455-1469.	1.2	2
613	Preprocessed Sentinel-1 Data via a Web Service Focused on Agricultural Field Monitoring. IEEE Access, 2019, 7, 65139-65149.	2.6	4
614	The role of landscape and history on the genetic structure of peripheral populations of the Near Eastern fire salamander, Salamandra infraimmaculata, in Northern Israel. Conservation Genetics, 2019, 20, 875-889.	0.8	15

#	Article	IF	CITATIONS
615	A UAV-Based Sensor System for Measuring Land Surface Albedo: Tested over a Boreal Peatland Ecosystem. Drones, 2019, 3, 27.	2.7	19
616	Landsat 8 Based Leaf Area Index Estimation in Loblolly Pine Plantations. Forests, 2019, 10, 222.	0.9	20
617	Understanding an urbanizing planet: Strategic directions for remote sensing. Remote Sensing of Environment, 2019, 228, 164-182.	4.6	227
618	Monitoring forest cover change within different reserve types in southern Ghana. Environmental Monitoring and Assessment, 2019, 191, 281.	1.3	24
619	Validation of Copernicus Sentinel-2 Cloud Masks Obtained from MAJA, Sen2Cor, and FMask Processors Using Reference Cloud Masks Generated with a Supervised Active Learning Procedure. Remote Sensing, 2019, 11, 433.	1.8	149
620	Spatiotemporal Image Fusion in Remote Sensing. Remote Sensing, 2019, 11, 818.	1.8	117
621	Cloud and cloud shadow detection in Landsat imagery based on deep convolutional neural networks. Remote Sensing of Environment, 2019, 225, 307-316.	4.6	135
622	Adaptation of the dark spectrum fitting atmospheric correction for aquatic applications of the Landsat and Sentinel-2 archives. Remote Sensing of Environment, 2019, 225, 175-192.	4.6	285
623	Dynamic detection of water surface area of Ebinur Lake using multi-source satellite data (Landsat and) Tj ETQq0	0 0 rgBT /	Overlock 101
624	Object-Based Classification of Forest Disturbance Types in the Conterminous United States. Remote Sensing, 2019, 11, 477.	1.8	33
625	Extracting recent short-term glacier velocity evolution over southern Alaska and the Yukon from a large collection of Landsat data. Cryosphere, 2019, 13, 795-814.	1.5	47
626	Automatic mapping of planting year for tree crops with Landsat satellite time series stacks. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 151, 176-188.	4.9	28
627			20
	Automatic cost-effective method for land cover classification (ALCC). Computers, Environment and Urban Systems, 2019, 76, 1-10.	3.3	43
628		3.3 4.6	
	Urban Systems, 2019, 76, 1-10. Current status of Landsat program, science, and applications. Remote Sensing of Environment, 2019,		43
628	Urban Systems, 2019, 76, 1-10. Current status of Landsat program, science, and applications. Remote Sensing of Environment, 2019, 225, 127-147. Landscape and Environmental Factors Influencing Stage Persistence and Abundance of the Bamboo Mosquito, Tripteroides bambusa (Diptera: Culicidae), across an Altitudinal Gradient. Insects, 2019, 10,	4.6	43 586
628 629	 Urban Systems, 2019, 76, 1-10. Current status of Landsat program, science, and applications. Remote Sensing of Environment, 2019, 225, 127-147. Landscape and Environmental Factors Influencing Stage Persistence and Abundance of the Bamboo Mosquito, Tripteroides bambusa (Diptera: Culicidae), across an Altitudinal Gradient. Insects, 2019, 10, 41. Layered compressive sensing reconstruction for non-scanning three-dimensional laser imaging. 	4.6 1.0	43 586 4

#	Article	IF	CITATIONS
633	Improving Aboveground Biomass Estimation of Pinus densata Forests in Yunnan Using Landsat 8 Imagery by Incorporating Age Dummy Variable and Method Comparison. Remote Sensing, 2019, 11, 738.	1.8	37
634	Satellite Remote Sensing in Shark and Ray Ecology, Conservation and Management. Frontiers in Marine Science, 2019, 6, .	1.2	23
635	Spatial patterns and driving factors of surface urban heat island intensity: A comparative study for two agriculture-dominated regions in China and the USA. Sustainable Cities and Society, 2019, 48, 101518.	5.1	22
636	Mapping of mineral resources and lithological units: a review of remote sensing techniques. International Journal of Image and Data Fusion, 2019, 10, 79-106.	0.8	57
637	Integration of hydrochemical, GIS, and remote-sensing data for assessment of shallow groundwater aquifers in Wadi Nisah, Central Saudi Arabia. Environmental Earth Sciences, 2019, 78, 1.	1.3	10
638	Spatial distribution and genesis of salt on the saline playa at Qehan Lake, Inner Mongolia, China. Catena, 2019, 177, 22-30.	2.2	35
639	Investigation of Post-Fire Debris Flows in Montecito. ISPRS International Journal of Geo-Information, 2019, 8, 5.	1.4	19
640	Enhancing the retrieval of stream surface temperature from Landsat data. Remote Sensing of Environment, 2019, 224, 182-191.	4.6	19
641	Fracture Network Mapping Using Landsat 8 OLI Data and Linkage with the Karst System: a Case Study of the Moroccan Central Middle Atlas. Remote Sensing in Earth Systems Sciences, 2019, 2, 1-17.	1.1	16
642	Monitoring 40-Year Lake Area Changes of the Qaidam Basin, Tibetan Plateau, Using Landsat Time Series. Remote Sensing, 2019, 11, 343.	1.8	27
643	Evaluation of Landsat-8 and Sentinel-2A Aerosol Optical Depth Retrievals across Chinese Cities and Implications for Medium Spatial Resolution Urban Aerosol Monitoring. Remote Sensing, 2019, 11, 122.	1.8	35
644	Benefits of the free and open Landsat data policy. Remote Sensing of Environment, 2019, 224, 382-385.	4.6	291
645	Scalable pixel-based crop classification combining Sentinel-2 and Landsat-8 data time series: Case study of the Duero river basin. Agricultural Systems, 2019, 171, 36-50.	3.2	42
646	Performance of Landsat-8 and Sentinel-2 surface reflectance products for river remote sensing retrievals of chlorophyll-a and turbidity. Remote Sensing of Environment, 2019, 224, 104-118.	4.6	195
647	Productivity and water demand of maize estimated by the modified satellite Priestley-Taylor algorithm. Semina:Ciencias Agrarias, 2019, 40, 2991.	0.1	1
648	Analysis of Spatial and Temporal Variability in Libya-4 with Landsat 8 and Sentinel-2 Data for Optimized Ground Target Location. Remote Sensing, 2019, 11, 2909.	1.8	3
649	Downscaling of Satellite Land Surface Temperature Data Over Urban Environments. , 2019, , .		0
650	Title is missing!. Journal of Marine Research and Technology, 2019, 2, 43.	0.1	0

#	ARTICLE	IF	CITATIONS
651	An Enhanced Deep Convolutional Model for Spatiotemporal Image Fusion. Remote Sensing, 2019, 11, 2898.	1.8	71
652	Influence of Variable Selection and Forest Type on Forest Aboveground Biomass Estimation Using Machine Learning Algorithms. Forests, 2019, 10, 1073.	0.9	85
653	Improving spatial resolution of LANDSAT spectral bands from a single RGB image using artificial neural network. , 2019, , .		1
654	An Evaluation and Comparison of Four Dense Time Series Change Detection Methods Using Simulated Data. Remote Sensing, 2019, 11, 2779.	1.8	31
655	Analyzing Limboto lake inundation area using landsat 8 OLI imagery and rainfall data. Journal of Physics: Conference Series, 2019, 1317, 012111.	0.3	5
656	Retrieving Spatial Variation of Land Surface Temperature Based on Landsat OLI/TIRS: A Case of Southern part of Jember, Java, Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 362, 012125.	0.2	5
657	Integrating Landsat 7 and 8 data to improve basalt formation classification: A case study at Buon Ma Thuot region, Central Highland, Vietnam. Open Geosciences, 2019, 11, 901-917.	0.6	6
658	Emissivity Image Simulation for a High Resolution Thermal Infrared Satellite Concept. , 2019, , .		О
659	Generative-Discriminative Crop Type Identification using Satellite Images. , 2019, , .		2
660	Effects of Distinguishing Vegetation Types on the Estimates of Remotely Sensed Evapotranspiration in Arid Regions. Remote Sensing, 2019, 11, 2856.	1.8	5
661	Preliminary Evaluation of the Consistency of Landsat 8 and Sentinel-2 Time Series Products in An Urban Area—An Example in Beijing, China. Remote Sensing, 2019, 11, 2957.	1.8	6
662	Lithological Mapping using Digital Image Processing Techniques on Landsat 8 OLI Remote Sensing Data in Jahajpur, Bhilwara, Rajasthan. , 2019, , .		3
663	The Potential of Channel Specific Reflectance in Landsat 8 OLI Sensor for Retrieving Coal Fire Affected Pixels. , 2019, , .		1
664	Mapping rubber plantations in Xishuangbanna, southwest China based on the re-normalization of two Landsat-based vegetation–moisture indices and meteorological data. Geocarto International, 2019, , 1-15.	1.7	7
665	Field-Scale Estimation of Evapotranspiration. , 0, , .		2
666	Event-Based Integrated Assessment of Environmental Variables and Wildfire Severity through Sentinel-2 Data. Forests, 2019, 10, 1021.	0.9	10
667	Assessment of Open-source Software, QGIS, To Estimate Hurricane Matthew Flood Extent in Robeson County, North Carolina, Using Unsupervised Classification. Environmental and Engineering Geoscience, 2019, 25, 359-367.	0.3	1
668	Detection and Analysis of Forest Degradation by Fire Using Landsat/Oli Images in Google Earth Engine. , 2019, , .		5

ARTICLE IF CITATIONS Comparison of Three Algorithms for the Retrieval of Land Surface Temperature from Landsat 8 Images. 669 2.153 Sensors, 2019, 19, 5049. Comparing Atmospheric Correction Performance for Sentinel-2 and Landsat-8 Data., 2019, , . 670 Land Cover Mapping in Data Scarce Environments: Challenges and Opportunities. Frontiers in 671 1.5 50 Environmental Science, 2019, 7, . Potential of next-generation imaging spectrometers to detect and quantify methane point sources from space. Atmospheric Measurement Techniques, 2019, 12, 5655-5668. Methodology II: Remote sensing of change in grasslands. , 2019, , 40-64. 673 2 Global validation of the collection 6 MODIS burned area product. Remote Sensing of Environment, 674 4.6 2019, 235, 111490. Potential of Red Edge Spectral Bands in Future Landsat Satellites on Agroecosystem Canopy 675 9 Chlorophyll Content Retrieval., 2019, , . Landsat-8, Advanced Spaceborne Thermal Emission and Reflection Radiometer, and WorldView-3 Multispectral Satellite İmagery for Prospecting Copper-Gold Mineralization in the Northeastern 1.8 Inglefield Mobile Belt (IMB), Northwest Greenland. Remote Sensing, 2019, 11, 2430. Estimating Grassland Carbon Stocks in Hulunber China, Using Landsat8 Oli Imagery and Regression 677 2.1 7 Kriging â€. Sensors, 2019, 19, 5374. Arboreal route navigation in a Neotropical mammal: energetic implications associated with tree 678 1.3 monitoring and landscape attributes. Movement Ecology, 2019, 7, 39. Satellite Data Reveal Cropland Losses in South-Eastern Ukraine Under Military Conflict. Frontiers in 679 0.8 18 Earth Science, 2019, 7, . Nest and brood site selection of eastern wild turkeys. Journal of Wildlife Management, 2019, 83, 680 36 192-204. Identifying Emerging Reservoirs along Regulated Rivers Using Multi-Source Remote Sensing 681 1.8 11 Observations. Remote Sensing, 2019, 11, 25. Deforestation dynamics in an endemic-rich mountain system: Conservation successes and challenges 1.9 in West Java 1990–2015. Biological Conservation, 2019, 229, 152-159. A Novel Multitemporal Cloud and Cloud Shadow Detection Method Using the Integrated Cloud Z-Scores Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 683 2.39 2019, 12, 123-134. Slope instability analysis in South Patagonia applying multivariate and bivariate techniques on Landsat images during 2001–2015 period. Catena, 2019, 174, 339-352. 684 2.2 Empirical cross sensor comparison of Sentinel-2A and 2B MSI, Landsat-8 OLI, and Landsat-7 ETM+ top of 685 atmosphere spectral characteristics over the conterminous United States. Remote Sensing of 4.6 117 Environment, 2019, 221, 274-285. Using new remote sensing satellites for assessing water quality in a reservoir. Hydrological Sciences 1.2 Journal, 2019, 64, 34-44.

#	Article	IF	CITATIONS
687	Crop type mapping without field-level labels: Random forest transfer and unsupervised clustering techniques. Remote Sensing of Environment, 2019, 222, 303-317.	4.6	229
688	Estimating earthquake-damage areas using Landsat-8 OLI surface reflectance data. International Journal of Disaster Risk Reduction, 2019, 33, 275-283.	1.8	9
689	City block-based assessment of land cover components' impacts on the urban thermal environment. Remote Sensing Applications: Society and Environment, 2019, 13, 85-96.	0.8	4
690	Using long short-term memory recurrent neural network in land cover classification on Landsat and Cropland data layer time series. International Journal of Remote Sensing, 2019, 40, 593-614.	1.3	100
691	Volume estimation in a <i>Eucalyptus</i> plantation using multi-source remote sensing and digital terrain data: a case study in Minas Gerais State, Brazil. International Journal of Remote Sensing, 2019, 40, 2683-2702.	1.3	28
692	A machine learning approach to map tropical selective logging. Remote Sensing of Environment, 2019, 221, 569-582.	4.6	46
693	Multispectral radiometric monitoring of bacterial blight of coffee. Precision Agriculture, 2019, 20, 959-982.	3.1	17
694	Mapping terrestrial oil spill impact using machine learning random forest and Landsat 8 OLI imagery: a case site within the Niger Delta region of Nigeria. Environmental Science and Pollution Research, 2019, 26, 3621-3635.	2.7	49
695	Evaluation of the suitability of Landsat, MERIS, and MODIS for identifying spatial distribution patterns of total suspended matter from a self-organizing map (SOM) perspective. Catena, 2019, 172, 699-710.	2.2	18
696	Lithological and alteration mineral mapping in poorly exposed lithologies using Landsat-8 and ASTER satellite data: North-eastern Graham Land, Antarctic Peninsula. Ore Geology Reviews, 2019, 108, 112-133.	1.1	139
697	Evaluation of ICA and CEM algorithms with Landsat-8/ASTER data for geological mapping in in inaccessible regions. Geocarto International, 2019, 34, 785-816.	1.7	55
698	Mapping copper mineralization using EO-1 Hyperion data fusion with Landsat 8 OLI and Sentinel-2A in Moroccan Anti-Atlas. Geocarto International, 2020, 35, 781-800.	1.7	10
699	The grey-green divide: multi-temporal analysis of greenness across 10,000 urban centres derived from the Global Human Settlement Layer (GHSL). International Journal of Digital Earth, 2020, 13, 101-118.	1.6	46
700	Estimating oak forest parameters in the western mountains of Iran using satellite-based vegetation indices. Journal of Forestry Research, 2020, 31, 541-552.	1.7	4
701	Remote sensing-based water quality assessment for urban rivers: a study in linyi development area. Environmental Science and Pollution Research, 2020, 27, 34586-34595.	2.7	17
702	Determination of thermal pollution of water resources caused by Neka power plant through processing satellite imagery. Environment, Development and Sustainability, 2020, 22, 1953-1975.	2.7	17
703	Landuse and land cover identification and disaggregating socio-economic data with convolutional neural network. Geocarto International, 2020, 35, 1109-1123.	1.7	7
704	Accuracies of support vector machine and random forest in rice mapping with Sentinel-1A, Landsat-8 and Sentinel-2A datasets. Geocarto International, 2020, 35, 1088-1108.	1.7	53

#	Article	IF	CITATIONS
705	Mineralogical mapping using Landsat-8 OLI, Terra ASTER and Sentinel-2A multispectral data in Sidi Flah-Bouskour inlier, Moroccan Anti-Atlas. Journal of Spatial Science, 2020, 65, 147-171.	1.0	12
706	Robust Landsat-based crop time series modelling. Remote Sensing of Environment, 2020, 238, 110810.	4.6	72
707	Three decades of variability in California's giant kelp forests from the Landsat satellites. Remote Sensing of Environment, 2020, 238, 110811.	4.6	73
708	Effects of land-use change on eco-environmental quality in Hainan Island, China. Ecological Indicators, 2020, 109, 105777.	2.6	56
709	A photogrammetric approach to fusing natural colour and thermal infrared UAS imagery in 3D point cloud generation. International Journal of Remote Sensing, 2020, 41, 211-237.	1.3	31
710	A highâ€resolution, multimodal data set for agricultural robotics: A <i>Ladybird</i> 'sâ€eye view of Brassica. Journal of Field Robotics, 2020, 37, 73-96.	3.2	33
711	Leveraging Google Earth Engine (GEE) and machine learning algorithms to incorporate in situ measurement from different times for rangelands monitoring. Remote Sensing of Environment, 2020, 236, 111521.	4.6	66
712	Integrating aeromagnetic data and Landsat-8 imagery for detection of post-accretionary shear zones controlling hydrothermal alterations: The Allaqi-Heiani Suture zone, South Eastern Desert, Egypt. Advances in Space Research, 2020, 65, 1008-1024.	1.2	57
713	Spatioâ€ŧemporal patterns of the interaction between groundwater and surface water in plains. Hydrological Processes, 2020, 34, 1371-1392.	1.1	34
714	Oil palm mapping over Peninsular Malaysia using Google Earth Engine and machine learning algorithms. Remote Sensing Applications: Society and Environment, 2020, 17, 100287.	0.8	29
715	A Remote Sensing-Based Application of Bayesian Networks for Epithermal Gold Potential Mapping in Ahar-Arasbaran Area, NW Iran. Remote Sensing, 2020, 12, 105.	1.8	63
716	Vegetation expansion in the subnival Hindu Kush Himalaya. Global Change Biology, 2020, 26, 1608-1625.	4.2	90
717	Technology innovation: advancing capacities for the early detection of and rapid response to invasive species. Biological Invasions, 2020, 22, 75-100.	1.2	71
718	Object-Based Mapping of Plastic Greenhouses with Scattered Distribution in Complex Land Cover Using Landsat 8 OLI Images: A Case Study in Xuzhou, China. Journal of the Indian Society of Remote Sensing, 2020, 48, 287-303.	1.2	15
719	Machine learning-based detection of soil salinity in an arid desert region, Northwest China: A comparison between Landsat-8 OLI and Sentinel-2 MSI. Science of the Total Environment, 2020, 707, 136092.	3.9	130
720	Development of the Direct-Estimation Albedo Algorithm for Snow-Free Landsat TM Albedo Retrievals Using Field Flux Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1550-1567.	2.7	12
721	Detecting nutrient deficiency in spruce forests using multispectral satellite imagery. International Journal of Applied Earth Observation and Geoinformation, 2020, 86, 101975.	1.4	7
722	A temporal group attention approach for multitemporal multisensor crop classification. Infrared Physics and Technology, 2020, 105, 103152.	1.3	8

#	Article	IF	CITATIONS
723	Annual large-scale urban land mapping based on Landsat time series in Google Earth Engine and OpenStreetMap data: A case study in the middle Yangtze River basin. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 159, 337-351.	4.9	67
724	Landsat 8 TIRS-derived relative temperature and thermal heterogeneity predict winter bird species richness patterns across the conterminous United States. Remote Sensing of Environment, 2020, 236, 111514.	4.6	19
725	Comparisons of snowmelt detected by microwave sensors on the Shackleton Ice Shelf, East Antarctica. International Journal of Remote Sensing, 2020, 41, 1338-1348.	1.3	13
726	Lake water and glacier mass gains in the northwestern Tibetan Plateau observed from multi-sensor remote sensing data: Implication of an enhanced hydrological cycle. Remote Sensing of Environment, 2020, 237, 111554.	4.6	38
727	Horizon scan of conservation issues for inland waters in Canada. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 869-881.	0.7	10
728	A systematic evaluation of influence of image selection process on remote sensing-based burn severity indices in North American boreal forest and tundra ecosystems. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 159, 63-77.	4.9	28
729	Remote sensing of night lights: A review and an outlook for the future. Remote Sensing of Environment, 2020, 237, 111443.	4.6	442
730	Rapid multispectral data sampling using Google Earth Engine. Computers and Geosciences, 2020, 135, 104366.	2.0	8
731	Multisource Domain Adaptation for Remote Sensing Using Deep Neural Networks. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3328-3340.	2.7	18
732	NASA NeMO-Net's Convolutional Neural Network: Mapping Marine Habitats with Spectrally Heterogeneous Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5115-5133.	2.3	18
733	STAIR 2.0: A Generic and Automatic Algorithm to Fuse Modis, Landsat, and Sentinel-2 to Generate 10 m, Daily, and Cloud-/Gap-Free Surface Reflectance Product. Remote Sensing, 2020, 12, 3209.	1.8	15
734	Transboundary Basins Need More Attention: Anthropogenic Impacts on Land Cover Changes in Aras River Basin, Monitoring and Prediction. Remote Sensing, 2020, 12, 3329.	1.8	13
735	Mapping twenty years of corn and soybean across the US Midwest using the Landsat archive. Scientific Data, 2020, 7, 307.	2.4	56
736	The benefits of very low earth orbit for earth observation missions. Progress in Aerospace Sciences, 2020, 117, 100619.	6.3	95
737	Detecting Center Pivots In Matopiba Using Hough Transform And Web Time Series Service. , 2020, , .		4
738	Forest and Crop Leaf Area Index Estimation Using Remote Sensing: Research Trends and Future Directions. Remote Sensing, 2020, 12, 2934.	1.8	19
739	Using Landsat 8 data to compare percent impervious surface area and normalized difference vegetation index as indicators of urban heat island effects in Connecticut, USA. Environmental Earth Sciences, 2020, 79, 1.	1.3	9
740	Assessment of land use change in Bedadung Jember watershed using landsat-8 satellite imagery. IOP Conference Series: Earth and Environmental Science, 2020, 485, 012102.	0.2	0

#	Article	IF	Citations
741	Improving land cover classification in an urbanized coastal area by random forests: The role of variable selection. Remote Sensing of Environment, 2020, 251, 112105.	4.6	103
742	Detection of Very Small Tree Plantations and Tree-Level Characterization Using Open-Access Remote-Sensing Databases. Remote Sensing, 2020, 12, 2276.	1.8	4
743	Change Detection from Remote Sensing to Guide OpenStreetMap Labeling. ISPRS International Journal of Geo-Information, 2020, 9, 427.	1.4	10
744	Assessment of Landsat atmospheric correction methods for water color applications using global AERONET-OC data. International Journal of Applied Earth Observation and Geoinformation, 2020, 93, 102192.	1.4	14
745	Estimation of Soil Moisture Applying Modified Dubois Model to Sentinel-1; A Regional Study from Central India. Remote Sensing, 2020, 12, 2266.	1.8	35
746	Conversion of <scp>Landsat</scp> 8 multispectral data through modified private contentâ€based image retrieval technique for secure transmission and privacy. Engineering Reports, 2020, 2, e12273.	0.9	18
747	A large-scale change monitoring of wetlands using time series Landsat imagery on Google Earth Engine: a case study in Newfoundland. GIScience and Remote Sensing, 2020, 57, 1102-1124.	2.4	87
748	Machine Learning to Estimate Surface Soil Moisture from Remote Sensing Data. Water (Switzerland), 2020, 12, 3223.	1.2	64
749	A remote sensing study of spatiotemporal variations in drought conditions in northern Asir, Saudi Arabia. Environmental Monitoring and Assessment, 2020, 192, 784.	1.3	4
750	Evaluation of effective spectral features for glacial lake mapping by using Landsat-8 OLI imagery. Journal of Mountain Science, 2020, 17, 2707-2723.	0.8	8
751	Fifty Years of Change in a Coniferous Forest in the Qilian Mountains, China—Advantages of High-Definition Remote Sensing. Forests, 2020, 11, 1188.	0.9	4
752	Global Revisit Interval Analysis of Landsat-8 -9 and Sentinel-2A -2B Data for Terrestrial Monitoring. Sensors, 2020, 20, 6631.	2.1	35
753	A Deep Learning Method for Mapping Glacial Lakes from the Combined Use of Synthetic-Aperture Radar and Optical Satellite Images. Remote Sensing, 2020, 12, 4020.	1.8	28
754	Prospecting for gold mineralization with the use of remote sensing and GIS technology in North Kordofan State, central Sudan. Scientific African, 2020, 10, e00627.	0.7	8
755	Towards an Improved Inventory of N2O Emissions Using Land Cover Maps Derived from Optical Remote Sensing Images. Atmosphere, 2020, 11, 1188.	1.0	1
756	Monitoring the urban environment quality in the city of Johannesburg using remote sensing data. Journal of African Earth Sciences, 2020, 171, 103969.	0.9	15
757	Application of phenology-based algorithm and linear regression model for estimating rice cultivated areas and yield using remote sensing data in Bansloi River Basin, Eastern India. Remote Sensing Applications: Society and Environment, 2020, 19, 100367.	0.8	12
758	Sentinel-MSI and Landsat-OLI Data Quality Characterization for High Temporal Frequency Monitoring of Soil Salinity Dynamic in an Arid Landscape. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2434-2450.	2.3	12

#	Article	IF	CITATIONS
759	Reef influence quantification in light of the 1771 Meiwa tsunami. Ocean and Coastal Management, 2020, 195, 105248.	2.0	3
760	Landsat 9: Empowering open science and applications through continuity. Remote Sensing of Environment, 2020, 248, 111968.	4.6	174
761	Mapping Winter Wheat with Combinations of Temporally Aggregated Sentinel-2 and Landsat-8 Data in Shandong Province, China. Remote Sensing, 2020, 12, 2065.	1.8	29
762	Invasive grasses in South Texas rangelands: historical perspectives and future directions. Invasive Plant Science and Management, 2020, 13, 41-58.	0.5	15
763	Combining Satellite Multispectral Imagery and Topographic Data for the Detection and Mapping of Fluvial Avulsion Processes in Lowland Areas. Remote Sensing, 2020, 12, 2243.	1.8	10
764	Comparative Assessment of the Built-Up Area Expansion Based on Corine Land Cover and Landsat Datasets: A Case Study of a Post-Socialist City. Remote Sensing, 2020, 12, 2137.	1.8	12
765	Land Cover Classification using Google Earth Engine and Random Forest Classifier—The Role of Image Composition. Remote Sensing, 2020, 12, 2411.	1.8	224
766	Evaluating the effect of plain afforestation project and future spatial suitability in Beijing. Science China Earth Sciences, 2020, 63, 1587-1598.	2.3	17
767	Remote Sensing Image Time Series Metrics For Distinction Between Pasture And Croplands Using The Random Forest Classifier. , 2020, , .		1
768	Combining Kriging Interpolation to Improve the Accuracy of Forest Aboveground Biomass Estimation Using Remote Sensing Data. IEEE Access, 2020, 8, 128124-128139.	2.6	17
769	Assessment of Leaf Chlorophyll Content Models for Winter Wheat Using Landsat-8 Multispectral Remote Sensing Data. Remote Sensing, 2020, 12, 2574.	1.8	26
770	Sharpening ECOSTRESS and VIIRS land surface temperature using harmonized Landsat-Sentinel surface reflectances. Remote Sensing of Environment, 2020, 251, 112055.	4.6	30
771	Mapping of corn phenological stages using NDVI from OLI and MODIS sensors. Semina:Ciencias Agrarias, 2020, 42, 1517-1534.	0.1	5
772	Investigating the Influence of Registration Errors on the Patch-Based Spatio-Temporal Fusion Method. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 6291-6307.	2.3	7
773	Analysis of changes in rivers planforms using google earth engine. International Journal of Remote Sensing, 2020, 41, 8654-8681.	1.3	17
774	Eigen vector based analysis of Landsat OLI principal components and constrained energy minimization maps for discriminating iron enriched zones in banded iron formation (BIF) in Sidhi, Madhya Pradesh. Geocarto International, 2020, , 1-19.	1.7	2
775	Automatic Crop Classification in Northeastern China by Improved Nonlinear Dimensionality Reduction for Satellite Image Time Series. Remote Sensing, 2020, 12, 2726.	1.8	16
776	Hybrid modelling approach for water body change detection at Chalan Beel area in northern Bangladesh. Environmental Earth Sciences, 2020, 79, 1.	1.3	8

#	Article	IF	CITATIONS
777	On the outstanding need for a long-term, multi-decadal, validated and quality assessed record of global burned area: Caution in the use of Advanced Very High Resolution Radiometer data. Science of Remote Sensing, 2020, 2, 100007.	2.2	13
778	Land Cover and Forest Type Classification by Values of Vegetation Indices and Forest Structure of Tropical Lowland Forests in Central Vietnam. International Journal of Forestry Research, 2020, 2020, 1-18.	0.2	8
779	Delineation of Copper Mineralization Zones at Wadi Ham, Northern Oman Mountains, United Arab Emirates Using Multispectral Landsat 8 (OLI) Data. Frontiers in Earth Science, 2020, 8, .	0.8	4
780	Evaluation Analysis of Landsat Level-1 and Level-2 Data Products Using In Situ Measurements. Remote Sensing, 2020, 12, 2597.	1.8	32
781	A Novel Classification Extension-Based Cloud Detection Method for Medium-Resolution Optical Images. Remote Sensing, 2020, 12, 2365.	1.8	9
782	The Potential of the Least-Squares Spectral and Cross-Wavelet Analyses for Near-Real-Time Disturbance Detection within Unequally Spaced Satellite Image Time Series. Remote Sensing, 2020, 12, 2446.	1.8	31
783	Temporal and Spatial Variations of Chlorophyll a Concentration and Eutrophication Assessment (1987–2018) of Donghu Lake in Wuhan Using Landsat Images. Water (Switzerland), 2020, 12, 2192.	1.2	11
784	Assessing Climate Change Impact on Soil Salinity Dynamics between 1987–2017 in Arid Landscape Using Landsat TM, ETM+ and OLI Data. Remote Sensing, 2020, 12, 2794.	1.8	48
785	Tracking Red Palm Mite Damage in the Western Hemisphere Invasion with Landsat Remote Sensing Data. Insects, 2020, 11, 627.	1.0	3
786	Earth Observation for Crustal Tectonics and Earthquake Hazards. Surveys in Geophysics, 2020, 41, 1355-1389.	2.1	11
787	Dynamics and Drivers of the Alpine Timberline on Gongga Mountain of Tibetan Plateau-Adopted from the Otsu Method on Google Earth Engine. Remote Sensing, 2020, 12, 2651.	1.8	13
788	IrrMapper: A Machine Learning Approach for High Resolution Mapping of Irrigated Agriculture Across the Western U.S Remote Sensing, 2020, 12, 2328.	1.8	33
789	Predictive Model of Mangroves Carbon Stocks in Kedah, Malaysia using Remote Sensing. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012033.	0.2	4
790	Change Detection within Remotely Sensed Satellite Image Time Series via Spectral Analysis. Remote Sensing, 2020, 12, 4001.	1.8	42
791	Spectral Unmixing for Mapping a Hydrothermal Field in a Volcanic Environment Applied on ASTER, Landsat-8/OLI, and Sentinel-2 MSI Satellite Multispectral Data: The Nisyros (Greece) Case Study. Remote Sensing, 2020, 12, 4180.	1.8	11
792	Performance of Satellite-Based Evapotranspiration Models in Temperate Pastures of Southern Chile. Water (Switzerland), 2020, 12, 3587.	1.2	7
793	Monitoring Land Surface Temperature Change with Landsat Images during Dry Seasons in Bac Binh, Vietnam. Remote Sensing, 2020, 12, 4067.	1.8	13
794	Evaluating the performance of high-resolution satellite imagery in detecting ephemeral water bodies over West Africa. International Journal of Applied Earth Observation and Geoinformation, 2020, 93, 102218.	1.4	15

#	Article	IF	CITATIONS
795	Availability analysis of the Chen NDVI model in MOD13 Q1 validation. IOP Conference Series: Earth and Environmental Science, 2020, 569, 012054.	0.2	0
796	Using Machine Learning Algorithms to Estimate Soil Organic Carbon Variability with Environmental Variables and Soil Nutrient Indicators in an Alluvial Soil. Land, 2020, 9, 487.	1.2	81
797	Establishment and application of the modified Chen NDVI model integrated with ground object classification. IOP Conference Series: Earth and Environmental Science, 2020, 569, 012052.	0.2	0
798	Refined UNet V2: End-to-End Patch-Wise Network for Noise-Free Cloud and Shadow Segmentation. Remote Sensing, 2020, 12, 3530.	1.8	7
799	Assessment of Freeze–Thaw Hazards and Water Features along the China–Russia Crude Oil Pipeline in Permafrost Regions. Remote Sensing, 2020, 12, 3576.	1.8	15
800	Harmonizing the Landsat Ground Reference with the Sentinel-2 Global Reference Image Using Space-Based Bundle Adjustment. Remote Sensing, 2020, 12, 3132.	1.8	22
801	Synchrony of globally invasive Aedes spp. immature mosquitoes along an urban altitudinal gradient in their native range. Science of the Total Environment, 2020, 734, 139365.	3.9	12
802	SAR-enhanced mapping of live fuel moisture content. Remote Sensing of Environment, 2020, 245, 111797.	4.6	50
803	Linking life and landscape with remote sensing. Developments in Earth Surface Processes, 2020, 23, 129-182.	2.8	0
804	Unsupervised classification of land cover using multi-modal data from multi-spectral and hybrid-polarimetric SAR imageries. International Journal of Remote Sensing, 2020, 41, 5277-5304.	1.3	15
805	Variations in Winter Surface Temperature of the Purog Kangri Ice Field, Qinghai–Tibetan Plateau, 2001–2018, Using MODIS Data. Remote Sensing, 2020, 12, 1133.	1.8	12
806	Identification of Apple Orchard Planting Year Based on Spatiotemporally Fused Satellite Images and Clustering Analysis of Foliage Phenophase. Remote Sensing, 2020, 12, 1199.	1.8	27
807	Democratic Republic of the Congo Tropical Forest Canopy Height and Aboveground Biomass Estimation with Landsat-8 Operational Land Imager (OLI) and Airborne LiDAR Data: The Effect of Seasonal Landsat Image Selection. Remote Sensing, 2020, 12, 1360.	1.8	6
808	Diversity of Algorithm and Spectral Band Inputs Improves Landsat Monitoring of Forest Disturbance. Remote Sensing, 2020, 12, 1673.	1.8	34
809	Deep Learning Classification for Crop Types in North Dakota. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2200-2213.	2.3	40
810	Lithological and alteration mineral mapping for alluvial gold exploration in the south east of Birao area, Central African Republic using Landsat-8 Operational Land Imager (OLI) data. Journal of African Earth Sciences, 2020, 170, 103933.	0.9	32
811	Assessing the Accuracy of Multiple Classification Algorithms for Crop Classification Using Landsat-8 and Sentinel-2 Data. Remote Sensing, 2020, 12, 1735.	1.8	49
812	Practices for upscaling crop simulation models from field scale to large regions. Computers and Electronics in Agriculture, 2020, 175, 105554.	3.7	35

#	Article	IF	CITATIONS
813	Change Detection Techniques Based on Multispectral Images for Investigating Land Cover Dynamics. Remote Sensing, 2020, 12, 1781.	1.8	50
814	Relationships among breeding site characteristics and adult population size of the fire salamander, Salamandra infraimmaculata. Hydrobiologia, 2020, 847, 2999-3012.	1.0	5
815	Integration of remote sensing, gravity and geochemical data for exploration of Cu-mineralization in Alwar basin, Rajasthan, India. International Journal of Applied Earth Observation and Geoinformation, 2020, 91, 102162.	1.4	16
816	A High-Resolution Cropland Map for the West African Sahel Based on High-Density Training Data, Google Earth Engine, and Locally Optimized Machine Learning. Remote Sensing, 2020, 12, 1436.	1.8	21
817	Cooling Effect on the Floating Solar PV: Performance and Economic Analysis on the Case of West Java Province in Indonesia. Energies, 2020, 13, 2126.	1.6	49
818	Lossy Compression of Multispectral Satellite Images with Application to Crop Thematic Mapping: A HEVC Comparative Study. Remote Sensing, 2020, 12, 1590.	1.8	11
819	Statistical analysis of materials surface temperature from regression models: A case study of Jaipur city, India. Materials Today: Proceedings, 2020, 28, 1416-1422.	0.9	0
820	Spatial variation of materials surface temperature by regression based downscaling model's in Jaipur district, India. Materials Today: Proceedings, 2020, 28, 1825-1832.	0.9	1
821	Mapping sugarcane plantation dynamics in Guangxi, China, by time series Sentinel-1, Sentinel-2 and Landsat images. Remote Sensing of Environment, 2020, 247, 111951.	4.6	105
822	Using deep-learning to forecast the magnitude and characteristics of urban heat island in Seoul Korea. Scientific Reports, 2020, 10, 3559.	1.6	31
823	Remote sensing and GIS techniques to monitor morphological changes along the middle-lower Vistula river, Poland. International Journal of River Basin Management, 2021, 19, 345-357.	1.5	18
824	Mapping natural forest cover using satellite imagery of Nkandla forest reserve, KwaZulu-Natal, South Africa. Remote Sensing Applications: Society and Environment, 2020, 18, 100302.	0.8	9
825	Landsat's past paves the way for data democratization in earth science. , 2020, , 147-161.		2
826	Evaluation of the influence of disturbances on forest vegetation using Landsat time series; a case study of the Low Tatras National Park. European Journal of Remote Sensing, 2020, 53, 40-66.	1.7	6
827	Exploring the Potential of C-Band SAR in Contributing to Burn Severity Mapping in Tropical Savanna. Remote Sensing, 2020, 12, 49.	1.8	13
828	Mapping the Land Cover of Africa at 10 m Resolution from Multi-Source Remote Sensing Data with Google Earth Engine. Remote Sensing, 2020, 12, 602.	1.8	67
829	Mapping Forest Composition with Landsat Time Series: An Evaluation of Seasonal Composites and Harmonic Regression. Remote Sensing, 2020, 12, 610.	1.8	30
830	Integrated geometric self-calibration of stereo cameras onboard the ZiYuan-3 satellite. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 162, 173-183.	4.9	17

#	Article	IF	CITATIONS
831	Operational Large-Area Land-Cover Mapping: An Ethiopia Case Study. Remote Sensing, 2020, 12, 954.	1.8	10
832	Assessment of Workflow Feature Selection on Forest LAI Prediction with Sentinel-2A MSI, Landsat 7 ETM+ and Landsat 8 OLI. Remote Sensing, 2020, 12, 915.	1.8	41
833	Combining Residual Neural Networks and Feature Pyramid Networks to Estimate Poverty Using Multisource Remote Sensing Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 553-565.	2.3	8
834	Combined Use of Multi-Temporal Landsat-8 and Sentinel-2 Images for Wheat Yield Estimates at the Intra-Plot Spatial Scale. Agronomy, 2020, 10, 327.	1.3	17
835	Sliding Time Master Digital Image Correlation Analyses of CubeSat Images for landslide Monitoring: The Rattlesnake Hills Landslide (USA). Remote Sensing, 2020, 12, 592.	1.8	30
836	Normalized difference vegetation index, temperature and age affect faecal thyroid hormone concentrations in free-ranging African elephants. , 2020, 8, coaa010.		6
837	A Newly Emerging Thermal Area in Yellowstone. Frontiers in Earth Science, 2020, 8, .	0.8	8
838	Investigating the Effects of Land Use and Land Cover on the Relationship between Moisture and Reflectance Using Landsat Time Series. Remote Sensing, 2020, 12, 1919.	1.8	9
839	Spatiotemporal Derivation of Intermittent Ponding in a Maize–Soybean Landscape from Planet Labs CubeSat Images. Remote Sensing, 2020, 12, 1942.	1.8	4
840	Remote Sensing's Recent and Future Contributions to Landscape Ecology. Current Landscape Ecology Reports, 2020, 5, 45-57.	1.1	32
841	Response of Tibetan Plateau lakes to climate change: Trends, patterns, and mechanisms. Earth-Science Reviews, 2020, 208, 103269.	4.0	259
842	Using NASA Earth observations and Google Earth Engine to map winter cover crop conservation performance in the Chesapeake Bay watershed. Remote Sensing of Environment, 2020, 248, 111943.	4.6	37
843	Definition of a new morphological parameter to improve prediction of urban heat island. Sustainable Cities and Society, 2020, 56, 102021.	5.1	42
845	Spectral Algorithm for Shared Low-rank Matrix Regressions. , 2020, , .		1
846	Improving Spatial Resolution of Multispectral Rock Outcrop Images Using RGB Data and Artificial Neural Networks. Sensors, 2020, 20, 3559.	2.1	3
847	Spatially and temporally complete Landsat reflectance time series modelling: The fill-and-fit approach. Remote Sensing of Environment, 2020, 241, 111718.	4.6	60
848	Geoweaver: Advanced Cyberinfrastructure for Managing Hybrid Geoscientific Al Workflows. ISPRS International Journal of Geo-Information, 2020, 9, 119.	1.4	25
849	Exploring parameter selection for carbon monitoring based on Landsat-8 imagery of the aboveground forest biomass on Mount Tai. European Journal of Remote Sensing, 2020, 53, 4-15.	1.7	7

#	ARTICLE	IF	CITATIONS
850	A CNN-Transformer Hybrid Approach for Crop Classification Using Multitemporal Multisensor Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 847-858.	2.3	65
851	A conterminous United States analysis of the impact of Landsat 5 orbit drift on the temporal consistency of Landsat 5 Thematic Mapper data. Remote Sensing of Environment, 2020, 240, 111701.	4.6	21
852	Cross-Comparison between Landsat 8 (OLI) and Landsat 7 (ETM+) Derived Vegetation Indices in a Mediterranean Environment. Remote Sensing, 2020, 12, 291.	1.8	57
853	Mapping of Post-Wildfire Burned Area Using a Hybrid Algorithm and Satellite Data: The Case of the Camp Fire Wildfire in California, USA. Remote Sensing, 2020, 12, 623.	1.8	33
854	Population structure and genetic diversity of <i>Magnolia cubensis</i> subsp. <i>acunae</i> (Magnoliaceae): effects of habitat fragmentation and implications for conservation. Oryx, 2020, 54, 451-459.	0.5	15
855	Applications of SAR Interferometric Coherence Time Series: Spatiotemporal Dynamics of Geomorphic Transitions in the South entral Andes. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2019JF005141.	1.0	10
856	Predicting soil organic carbon stocks under commercial forest plantations in KwaZulu-Natal province, South Africa using remotely sensed data. GIScience and Remote Sensing, 2020, 57, 450-463.	2.4	26
857	A Simulation-Based Analysis of Topographic Effects on LAI Inversion Over Sloped Terrain. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 794-806.	2.3	9
858	High-Resolution Reconstruction of the Maximum Snow Water Equivalent Based on Remote Sensing Data in a Mountainous Area. Remote Sensing, 2020, 12, 460.	1.8	6
859	Weakly Supervised Deep Learning for Segmentation of Remote Sensing Imagery. Remote Sensing, 2020, 12, 207.	1.8	136
860	Geographical Variation and Influencing Factors of Spartina alterniflora Expansion Rate in Coastal China. Chinese Geographical Science, 2020, 30, 127-141.	1.2	3
861	Recent advances in the use of public domain satellite imagery for mineral exploration: A review of Landsat-8 and Sentinel-2 applications. Ore Geology Reviews, 2020, 117, 103332.	1.1	46
862	Examining earliest identifiable timing of crops using all available Sentinel 1/2 imagery and Google Earth Engine. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 109-123.	4.9	148
863	Global Evaluation of the Suitability of MODIS-Terra Detected Cloud Cover as a Proxy for Landsat 7 Cloud Conditions. Remote Sensing, 2020, 12, 202.	1.8	5
864	Built-up land expansion and its impacts on optimizing green infrastructure networks in a resource-dependent city. Sustainable Cities and Society, 2020, 55, 102026.	5.1	32
865	Mapping LULC types in the Cerrado-Atlantic Forest ecotone region using a Landsat time series and object-based image approach: A case study of the Prata River Basin, Mato Grosso do Sul, Brazil. Environmental Monitoring and Assessment, 2020, 192, 136.	1.3	16
866	Quantitative study on the cooling effect of green roofs in a high-density urban Area—A case study of Xiamen, China. Journal of Cleaner Production, 2020, 255, 120152.	4.6	60
867	Understanding Land Subsidence Along the Coastal Areas of Guangdong, China, by Analyzing Multi-Track MTInSAR Data. Remote Sensing, 2020, 12, 299.	1.8	25

#	ARTICLE	IF	Citations
868	Visualizing and labeling dense multi-sensor earth observation time series: The EO Time Series Viewer. Environmental Modelling and Software, 2020, 125, 104631.	1.9	9
869	A modified flexible spatiotemporal data fusion model. Frontiers of Earth Science, 2020, 14, 601-614.	0.9	10
870	Predicting Soil Organic Carbon and Soil Nitrogen Stocks in Topsoil of Forest Ecosystems in Northeastern China Using Remote Sensing Data. Remote Sensing, 2020, 12, 1115.	1.8	27
871	Gap Fill of Land Surface Temperature and Reflectance Products in Landsat Analysis Ready Data. Remote Sensing, 2020, 12, 1192.	1.8	7
872	Fusion of MODIS and Landsat-Like Images for Daily High Spatial Resolution NDVI. Remote Sensing, 2020, 12, 1297.	1.8	11
873	Integrating Landsat-8 and Sentinel-2 Time Series Data for Yield Prediction of Sugarcane Crops at the Block Level. Remote Sensing, 2020, 12, 1313.	1.8	38
874	Landsat-8 and Sentinel-2 based Forest fire burn area mapping using machine learning algorithms on GEE cloud platform over Uttarakhand, Western Himalaya. Remote Sensing Applications: Society and Environment, 2020, 18, 100324.	0.8	65
875	National wetland mapping in China: A new product resulting from object-based and hierarchical classification of Landsat 8 OLI images. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 164, 11-25.	4.9	197
876	Assessing cyclone disturbances (1988–2016) in the Sundarbans mangrove forests using Landsat and Google Earth Engine. Natural Hazards, 2020, 102, 133-150.	1.6	41
877	Potential of using spectral vegetation indices for corn green biomass estimation based on their relationship with the photosynthetic vegetation sub-pixel fraction. Agricultural Water Management, 2020, 236, 106155.	2.4	18
878	Identifying high potential zones of gold mineralization in a sub-tropical region using Landsat-8 and ASTER remote sensing data: A case study of the Ngoura-Colomines goldfield, eastern Cameroon. Ore Geology Reviews, 2020, 122, 103530.	1.1	83
879	Modelling future land use land cover changes and their impacts on land surface temperatures in Rajshahi, Bangladesh. Remote Sensing Applications: Society and Environment, 2020, 18, 100314.	0.8	54
880	Satellite-based time series land cover and change information to map forest area consistent with national and international reporting requirements. Forestry, 2020, 93, 331-343.	1.2	15
881	Radiometric Cross-Calibration of the Wide Field View Camera Onboard GaoFen-6 in Multispectral Bands. Remote Sensing, 2020, 12, 1037.	1.8	23
882	Using graph theory to analyse and assess changes in Mediterranean woodland connectivity. Landscape Ecology, 2020, 35, 1291-1308.	1.9	9
883	Spatio-Temporal Analysis of Oil Spill Impact and Recovery Pattern of Coastal Vegetation and Wetland Using Multispectral Satellite Landsat 8-OLI Imagery and Machine Learning Models. Remote Sensing, 2020, 12, 1225.	1.8	41
884	Landscape changes in avulsive river systems: Case study of Taquari River on Brazilian Pantanal wetlands. Science of the Total Environment, 2020, 723, 138067.	3.9	13
885	The Landsat Burned Area algorithm and products for the conterminous United States. Remote Sensing of Environment, 2020, 244, 111801.	4.6	76

#	Article	IF	CITATIONS
886	Application of Landsat-8, Sentinel-2, ASTER and WorldView-3 Spectral Imagery for Exploration of Carbonate-Hosted Pb-Zn Deposits in the Central Iranian Terrane (CIT). Remote Sensing, 2020, 12, 1239.	1.8	89
887	Distribution of rocks in Pınarbaşı Ophiolite from central Anatolia (Turkey) based on analysis of ASTER and Landsatâ€8 data. Geological Journal, 2020, 55, 6810-6822.	0.6	9
888	Urban expansion and its impacts on local temperature in San Salvador, El Salvador. Urban Climate, 2020, 32, 100617.	2.4	25
889	Competing effects of soil fertility and toxicity on tropical greening. Scientific Reports, 2020, 10, 6725.	1.6	6
890	Mapping Forest Disturbances between 1987–2016 Using All Available Time Series Landsat TM/ETM+ Imagery: Developing a Reliable Methodology for Georgia, United States. Forests, 2020, 11, 335.	0.9	9
891	Selection of a Similarity Measure Combination for a Wide Range of Multimodal Image Registration Cases. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 60-75.	2.7	8
892	Investigating the capabilities of multispectral remote sensors data to map alteration zones in the Abhar area, NW Iran. Geosystem Engineering, 2021, 24, 18-30.	0.7	9
893	Assessing water surface temperature from Landsat imagery and its relationship with a nuclear power plant. Hydrological Sciences Journal, 2021, 66, 50-58.	1.2	5
894	Reconstructing daily 30Âm NDVI over complex agricultural landscapes using a crop reference curve approach. Remote Sensing of Environment, 2021, 253, 112156.	4.6	35
895	Spatiotemporal analysis of land surface temperature using multi-temporal and multi-sensor image fusion techniques. Sustainable Cities and Society, 2021, 64, 102508.	5.1	20
896	VIRS based detection in combination with machine learning for mapping soil pollution. Environmental Pollution, 2021, 268, 115845.	3.7	38
897	Future scenarios based on a CA-Markov land use and land cover simulation model for a tropical humid basin in the Cerrado/Atlantic forest ecotone of Brazil. Land Use Policy, 2021, 101, 105141.	2.5	83
898	Prediction of seasonal urban thermal field variance index using machine learning algorithms in Cumilla, Bangladesh. Sustainable Cities and Society, 2021, 64, 102542.	5.1	99
899	An integrated simulation approach to the assessment of urban growth pattern and loss in urban green space in Kolkata, India: A GIS-based analysis. Ecological Indicators, 2021, 121, 107178.	2.6	61
900	Utility and optimization of LANDSAT-derived burned area maps for southern California. International Journal of Remote Sensing, 2021, 42, 486-505.	1.3	11
901	Geographic information system. , 2021, , 165-198.		2
902	The fate of rangelands: Revealing past and predicting future landâ€cover transitions from 1985 to 2036 in the drylands of Central Iran. Land Degradation and Development, 2021, 32, 4004-4017.	1.8	3
903	Improving Landsat Multispectral Scanner (MSS) geolocation by least-squares-adjustment based time-series co-registration. Remote Sensing of Environment, 2021, 252, 112181.	4.6	16

# 904	ARTICLE Crop Production Estimation Using Remote Sensing. , 2021, , 229-243.	IF	Citations 0
905	Evaluating the reliability of time series land cover maps by exploiting the hidden Markov model. Stochastic Environmental Research and Risk Assessment, 2021, 35, 881-892.	1.9	1
906	Forecasting monthly fluctuations of lake surface areas using remote sensing techniques and novel machine learning methods. Theoretical and Applied Climatology, 2021, 143, 713-735.	1.3	24
907	Detecting the Carotenoid Pigmentation due to Haloarchaea Microbes in the Lonar Lake, Maharashtra, India Using Sentinel-2 Images. Journal of the Indian Society of Remote Sensing, 2021, 49, 305-316.	1.2	6
908	Prelaunch Radiometric Calibration and Uncertainty Analysis of Landsat Thermal Infrared Sensor 2. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2715-2726.	2.7	8
909	Reproducibility and Replicability in Geographical Analysis. Geographical Analysis, 2021, 53, 135-147.	1.9	50
910	Detection of Geothermal Anomaly Areas With Spatio-Temporal Analysis Using Multitemporal Remote Sensing Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4866-4878.	2.3	10
911	Mapping flood prone and Hazards Areas in rural landscape using landsat images and random forest classification: Case study of Nasia watershed in Ghana. Cogent Engineering, 2021, 8, .	1.1	5
912	Validation and Comparison of Physical Models for Soil Salinity Mapping over an Arid Landscape Using Spectral Reflectance Measurements and Landsat-OLI Data. Remote Sensing, 2021, 13, 494.	1.8	13
913	Hyperspectral Remote Sensing Imagery Generation From RGB Images Based on Joint Discrimination. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 7624-7636.	2.3	10
914	Current and near-term advances in Earth observation for ecological applications. Ecological Processes, 2021, 10, 1.	1.6	113
915	Evaluation of Penman-Monteith Model Based on Sentinel-2 Data for the Estimation of Actual Evapotranspiration in Vineyards. Remote Sensing, 2021, 13, 478.	1.8	12
916	Pan-European Mapping of Underutilized Land for Bioenergy Production. Land, 2021, 10, 102.	1.2	5
917	Deep Learning for Feature-Level Data Fusion: Higher Resolution Reconstruction of Historical Landsat Archive. Remote Sensing, 2021, 13, 167.	1.8	20
918	Random Forest Regression Model for Estimation of the Growing Stock Volumes in Georgia, USA, Using Dense Landsat Time Series and FIA Dataset. Remote Sensing, 2021, 13, 218.	1.8	20
919	Transformation in Vegetation and Urban Sprawl in Gotan and Surrounding. Advances in Public Policy and Administration, 2021, , 111-124.	0.1	0
920	FIRM: Framework for Image Registration Using Multistage Feature Detection and Mode-Guided Motion Smoothness Keypoint Optimization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	8
921	Need for application of remote sensing technologies for development of agro-industrial complex. E3S Web of Conferences, 2021, 285, 01005.	0.2	Ο

#	Article	IF	CITATIONS
922	A Semiphysical Approach of Haze Removal for Landsat Image. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 7410-7421.	2.3	1
923	A Flexible Reference-Insensitive Spatiotemporal Fusion Model for Remote Sensing Images Using Conditional Generative Adversarial Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	50
924	Context and background of urban heat island. , 2021, , 1-35.		0
925	A Simulation-Based Error Budget of the TES Method for the Design of the Spectral Configuration of the Micro-Bolometer-Based MISTIGRI Thermal Infrared Sensor. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	2.7	3
926	Remote Sensing for Agriculture. Springer Remote Sensing/photogrammetry, 2021, , 7-24.	0.4	2
927	Improving the Accuracy of Fractional Evergreen Forest Cover Estimation at Subpixel Scale in Cloudy and Rainy Areas by Harmonizing Landsat-8 and Sentinel-2 Time-Series Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3373-3385.	2.3	5
928	Integrating MODIS and Landsat Data for Land Cover Classification by Multilevel Decision Rule. Land, 2021, 10, 208.	1.2	4
929	Spatiotemporal Assessment of Air Quality and Heat Island Effect Due to Industrial Activities and Urbanization in Southern Riyadh, Saudi Arabia. Applied Sciences (Switzerland), 2021, 11, 2107.	1.3	5
930	Terrain units, land use and land cover, and gross primary productivity of the largest fluvial basin in the Brazilian Amazonia/Cerrado ecotone: The Araguaia River basin. Applied Geography, 2021, 127, 102379.	1.7	7
931	Assessing within-Field Corn and Soybean Yield Variability from WorldView-3, Planet, Sentinel-2, and Landsat 8 Satellite Imagery. Remote Sensing, 2021, 13, 872.	1.8	48
932	Multi-Decadal Spatial and Temporal Forest Cover Change Analysis of Nkandla Natural Reserve, South Africa. Journal of Sustainable Forestry, 0, , 1-24.	0.6	0
933	Feasibility of reintroducing grassland megaherbivores, the greater one-horned rhinoceros, and swamp buffalo within their historic global range. Scientific Reports, 2021, 11, 4469.	1.6	13
934	Calibration of Satellite Low Radiance by AERONET-OC Products and 6SV Model. Remote Sensing, 2021, 13, 781.	1.8	2
935	Utilization of Landsat-8 Imagery and Aeromagnetic Data for Deciphering Alteration Zones and Structures: Implications for Mineral Exploration in the Southeastern Desert of Egypt. Frontiers in Scientific Research and Technology, 2021, .	0.1	5
936	Contrasting seasonal patterns of relative temperature and thermal heterogeneity and their influence on breeding and winter bird richness patterns across the conterminous United States. Ecography, 2021, 44, 953-965.	2.1	12
937	Rice Mapping and Growth Monitoring Based on Time Series GF-6 Images and Red-Edge Bands. Remote Sensing, 2021, 13, 579.	1.8	27
938	Reference evapotranspiration of Brazil modeled with machine learning techniques and remote sensing. PLoS ONE, 2021, 16, e0245834.	1.1	19
939	The GHGSat-D imaging spectrometer. Atmospheric Measurement Techniques, 2021, 14, 2127-2140.	1.2	62

#	Article	IF	CITATIONS
940	Lidar Boosts 3D Ecological Observations and Modelings: A Review and Perspective. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 232-257.	4.9	62
941	Remote sensing of aboveground grass biomass between protected and nonâ€protected areas in savannah rangelands. African Journal of Ecology, 2021, 59, 687-695.	0.4	4
942	Characterizing spatial variability in coastal wetland biomass across multiple scales using UAV and satellite imagery. Remote Sensing in Ecology and Conservation, 2021, 7, 411-429.	2.2	28
943	Mapping Land Use/Cover Dynamics of the Yellow River Basin from 1986 to 2018 Supported by Google Earth Engine. Remote Sensing, 2021, 13, 1299.	1.8	31
944	Temporal Patterns of Large Wildfires and Their Burn Severity in Rangelands of Western United States. Geophysical Research Letters, 2021, 48, e2020GL091636.	1.5	4
945	Factors influencing the structure of macroinvertebrate communities in subarctic lakes affected by wildfires. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 218-231.	0.7	2
946	Comparison of PBIA and GEOBIA classification methods in classifying turbidity in reservoirs. Geocarto International, 2022, 37, 4762-4783.	1.7	4
947	Comparing different space-borne sensors and methods for the retrieval of land surface temperature. Earth Science Informatics, 2021, 14, 985-995.	1.6	6
948	Design of a Local Nested Grid for the Optimal Combined Use of Landsat 8 and Sentinel 2 Data. Remote Sensing, 2021, 13, 1546.	1.8	7
949	Analysis Ready Data of the Chinese GaoFen Satellite Data. Remote Sensing, 2021, 13, 1709.	1.8	17
950	Urban green spaces and housing prices in developing countries: A Two-stage quantile spatial regression analysis. Forest Policy and Economics, 2021, 125, 102420.	1.5	16
951	Zanthoxylum bungeanum Maxim mapping with multi-temporal Sentinel-2 images: The importance of different features and consistency of results. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 174, 68-86.	4.9	13
952	Uni-Temporal Multispectral Imagery for Burned Area Mapping with Deep Learning. Remote Sensing, 2021, 13, 1509.	1.8	32
953	Application of optical and radar satellite images for mapping tectonic lineaments in kerdous inlier of the Anti-Atlas belt, Morocco. Remote Sensing Applications: Society and Environment, 2021, 22, 100509.	0.8	9
954	Confidence Measure of the Shallow-Water Bathymetry Map Obtained through the Fusion of Lidar and Multiband Image Data. Journal of Remote Sensing, 2021, 2021, .	3.2	19
955	Mapping potential signs of gas emissions in ice of Lake Neyto, Yamal, Russia, using synthetic aperture radar and multispectral remote sensing data. Cryosphere, 2021, 15, 1907-1929.	1.5	7
956	Declining greenness in Arctic-boreal lakes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	25
957	Modeling the Spatial Dynamics of Soil Organic Carbon Using Remotely-Sensed Predictors in Fuzhou City, China. Remote Sensing, 2021, 13, 1682.	1.8	13

#	Article	IF	CITATIONS
958	Shear-Related Gold Ores in the Wadi Hodein Shear Belt, South Eastern Desert of Egypt: Analysis of Remote Sensing, Field and Structural Data. Minerals (Basel, Switzerland), 2021, 11, 474.	0.8	35
959	Detecting geothermal anomalies using Landsat 8 thermal infrared remotely sensed data. International Journal of Applied Earth Observation and Geoinformation, 2021, 96, 102283.	1.4	14
960	Mapping and monitoring land dynamic due to urban expansion using geospatial techniques on South Kolkata. Safety in Extreme Environments, 2021, 3, 27-42.	1.8	15
961	Digital mapping of soil chemical properties with limited data in the Thung Kula Ronghai region, Thailand. Geoderma, 2021, 389, 114942.	2.3	3
962	Novel Weight-Based Approach for Soil Moisture Content Estimation via Synthetic Aperture Radar, Multispectral and Thermal Infrared Data Fusion. Sensors, 2021, 21, 3457.	2.1	7
963	From Open Data to Open Science. Earth and Space Science, 2021, 8, e2020EA001562.	1.1	35
964	Reduced dry season fish biomass and depleted carnivorous fish assemblages in unprotected tropical oxbow lakes. Biological Conservation, 2021, 257, 109090.	1.9	10
965	Quantifying the Response of German Forests to Drought Events via Satellite Imagery. Remote Sensing, 2021, 13, 1845.	1.8	10
966	Fault zone hydrogeology in arid environments: The origin of cold springs in the Wadi Araba Basin, Egypt. Hydrological Processes, 2021, 35, e14176.	1.1	10
967	Remote Sensing Image Spatiotemporal Fusion Using a Generative Adversarial Network. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4273-4286.	2.7	70
968	Spatio-temporal analysis of forest fire events in the Margalla Hills, Islamabad, Pakistan using socio-economic and environmental variable data with machine learning methods. Journal of Forestry Research, 2022, 33, 183-194.	1.7	53
969	Associations between residential greenness and self-reported heart disease in Sri Lankan men: A cross-sectional study. PLoS ONE, 2021, 16, e0252382.	1.1	1
970	Land cover change and its impact on human–elephant conflict: a case from Fashiakhali forest reserve in Bangladesh. SN Applied Sciences, 2021, 3, 1.	1.5	21
971	Monitoring Spatial-Temporal Transition Dynamics of Transport Infrastructure Space in Urban Growth Phenomena: A Case Study of Lagos—Nigeria. Frontiers in Future Transportation, 2021, 2, .	1.3	1
972	A Quantitative Validation of Multi-Modal Image Fusion and Segmentation for Object Detection and Tracking. Remote Sensing, 2021, 13, 2364.	1.8	1
973	Remote sensing of the mountain cryosphere: Current capabilities and future opportunities for research. Progress in Physical Geography, 2021, 45, 931-964.	1.4	18
974	Remote sensing and GIS for urbanization and flood risk assessment in Phnom Penh, Cambodia. Geocarto International, 2022, 37, 6625-6642.	1.7	12
975	Characterization of Planetscope-0 Planetscope-1 surface reflectance and normalized difference vegetation index continuity. Science of Remote Sensing, 2021, 3, 100014.	2.2	20

#	Article	IF	CITATIONS
976	Quantitative Remote Sensing of Metallic Elements for the Qishitan Gold Polymetallic Mining Area, NW China. Remote Sensing, 2021, 13, 2519.	1.8	6
977	Longâ€ŧerm monitoring and evaluation of land development inÂaÂreclamation area under rapid urbanization: A caseâ€study inÂQiantang New District, China. Land Degradation and Development, 2021, 32, 3259-3271.	1.8	8
978	Unsupervised learning of satellite images enhances discovery of late Miocene fossil sites in the Urema Rift, Gorongosa, Mozambique. PeerJ, 2021, 9, e11573.	0.9	7
979	Two Decades Progress on the Application of Remote Sensing for Monitoring Tropical and Sub-Tropical Natural Forests: A Review. Forests, 2021, 12, 739.	0.9	8
980	Mapping Croplands in the Granary of the Tibetan Plateau Using All Available Landsat Imagery, A Phenology-Based Approach, and Google Earth Engine. Remote Sensing, 2021, 13, 2289.	1.8	10
981	An evaluation of Landsat, Sentinel-2, Sentinel-1 and MODIS data for crop type mapping. Science of Remote Sensing, 2021, 3, 100018.	2.2	48
982	Impact of Tourism on LULC and LST in a Coastal Island of Bangladesh: A Geospatial Approach on St. Martin's Island of Bay of Bengal. Journal of the Indian Society of Remote Sensing, 2021, 49, 2329-2345.	1.2	9
983	Comparison of the accuracy of daytime land surface temperature retrieval methods using Landsat 8 images in arid regions. Infrared Physics and Technology, 2021, 115, 103692.	1.3	12
984	Mineralogical and Chemical Characteristics of Clay Areas, Gümüşhane Region (NE Turkey), and Their Detection Using the Crósta Technique with Landsat 7 and 8 Images. Natural Resources Research, 2021, 30, 3955-3985.	2.2	9
985	Ice-marginal lakes associated with enhanced recession of the Greenland Ice Sheet. Global and Planetary Change, 2021, 202, 103503.	1.6	8
986	Crop specific algorithms trained over ground measurements provide the best performance for GAI and fAPAR estimates from Landsat-8 observations. Remote Sensing of Environment, 2021, 260, 112453.	4.6	21
987	An improved nightlight threshold method for revealing the spatiotemporal dynamics and driving forces of urban expansion in China. Journal of Environmental Management, 2021, 289, 112574.	3.8	18
988	Integration of Landsat 8, gravity, and field data for exploration of gold mineralization in Gamba District, Northern Cameroon. Geological Journal, 2021, 56, 4788-4808.	0.6	8
989	Predicting changes in land use/land cover and seasonal land surface temperature using multi-temporal landsat images in the northwest region of Bangladesh. Heliyon, 2021, 7, e07623.	1.4	23
990	The impacts of land use/land cover changes on the supply-demand budget of urban ecosystem services. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	3
991	Integrating Phenological and Geographical Information with Artificial Intelligence Algorithm to Map Rubber Plantations in Xishuangbanna. Remote Sensing, 2021, 13, 2793.	1.8	15
992	Multi-Year Mapping of Disturbance and Reclamation Patterns over Tronox's Hillendale Mine, South Africa with DBEST and Google Earth Engine. Land, 2021, 10, 760.	1.2	8
993	High resolution mapping of alteration zones in Daghbag and Bakriya gold occurrences (Central) Tj ETQq1 1 0.78 Journal of Geosciences, 2021, 14, 1.	4314 rgBT 0.6	/Overlock 10 4

#	Article	IF	CITATIONS
994	Evaluation of the Climate Change Impact on Urban Heat Island Based on Land Surface Temperature and Geospatial Indicators. International Journal of Environmental Research, 2021, 15, 819-835.	1.1	42
995	The operational role of remote sensing in assessing and predicting land use/land cover and seasonal land surface temperature using machine learning algorithms in Rajshahi, Bangladesh. Applied Geomatics, 2021, 13, 793-816.	1.2	18
996	Four-decade dynamics of the water color in 61 large lakes on the Yangtze Plain and the impacts of reclaimed aquaculture zones. Science of the Total Environment, 2021, 781, 146688.	3.9	8
997	Automatic Detection of Impervious Surfaces from Remotely Sensed Data Using Deep Learning. Remote Sensing, 2021, 13, 3166.	1.8	21
998	Monitoring of dynamic wetland changes using NDVI and NDWI based landsat imagery. Remote Sensing Applications: Society and Environment, 2021, 23, 100547.	0.8	18
999	Active fire detection in Landsat-8 imagery: A large-scale dataset and a deep-learning study. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 178, 171-186.	4.9	50
1000	Distributed Deep Learning for Remote Sensing Data Interpretation. Proceedings of the IEEE, 2021, 109, 1320-1349.	16.4	16
1001	Assessment and prediction of seasonal land surface temperature change using multi-temporal Landsat images and their impacts on agricultural yields in Rajshahi, Bangladesh. Environmental Challenges, 2021, 4, 100147.	2.0	20
1002	The NACHOS CubeSat-based hyperspectral imager: laboratory and field performance characterization. , 2021, , .		2
1003	AN OPEN-SOURCE CANOPY CLASSIFICATION SYSTEM USING MACHINE-LEARNING TECHNIQUES WITHIN A PYTHON FRAMEWORK. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLVI-4/W2-2021, 175-182.	0.2	0
1004	A large-scale, long time-series (1984‒2020) of soybean mapping with phenological features: Heilongjiang Province as a test case. International Journal of Remote Sensing, 2021, 42, 7332-7356.	1.3	8
1005	Onboard Multi-Scale Tile Classification for Satellites and Other Spacecraft. , 2021, , .		3
1006	100Âyears of lake evolution over the Qinghai–Tibet Plateau. Earth System Science Data, 2021, 13, 3951-3966.	3.7	32
1007	Improving Satellite Image Fusion via Generative Adversarial Training. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6969-6982.	2.7	13
1008	Geographical concerns regarding flood hydrology in the southeastern area of the Baltic Sea basin. Hydrological Sciences Journal, 2021, 66, 2089-2101.	1.2	0
1009	Sea water quality monitoring using remote sensing techniques: a case study in Tangier-Ksar Sghir coastline. Environmental Monitoring and Assessment, 2021, 193, 557.	1.3	8
1010	On the formation mechanism of cirrus banding: radiosonde observations, numerical simulations, and stability analyses. Journals of the Atmospheric Sciences, 2021, , .	0.6	0
1011	Soil Aggregate Stability Mapping Using Remote Sensing and GIS-Based Machine Learning Technique. Frontiers in Earth Science, 2021, 9, .	0.8	13

#	Article	IF	CITATIONS
1012	Applicability of LandsatÂ8 thermal infrared sensor for identifying submarine groundwater discharge springs in the Mediterranean Sea basin. Hydrology and Earth System Sciences, 2021, 25, 4789-4805.	1.9	12
1013	Estimating the aboveground biomass of coniferous forest in Northeast China using spectral variables, land surface temperature and soil moisture. Science of the Total Environment, 2021, 785, 147335.	3.9	45
1014	How to recognize different types of trees from quite a long way away: combining UAV and spaceborne imagery for stand-level tree species identification. Journal of Unmanned Vehicle Systems, 2021, 9, 166-181.	0.6	3
1015	Progress and Trends in the Application of Google Earth and Google Earth Engine. Remote Sensing, 2021, 13, 3778.	1.8	71
1016	Detecting subtle change from dense Landsat time series: Case studies of mountain pine beetle and spruce beetle disturbance. Remote Sensing of Environment, 2021, 263, 112560.	4.6	32
1017	Advancements in satellite image classification : methodologies, techniques, approaches and applications. International Journal of Remote Sensing, 2021, 42, 7662-7722.	1.3	13
1018	Predicting the impacts of land use/land cover change on land surface temperature using remote sensing approach in Al Kut, Iraq. Physics and Chemistry of the Earth, 2021, 123, 103012.	1.2	23
1019	A novel transversal processing model to build environmental big data services in the cloud. Environmental Modelling and Software, 2021, 144, 105173.	1.9	5
1020	A global analysis of the temporal availability of PlanetScope high spatial resolution multi-spectral imagery. Remote Sensing of Environment, 2021, 264, 112586.	4.6	89
1021	A downscaled bathymetric mapping approach combining multitemporal Landsat-8 and high spatial resolution imagery: Demonstrations from clear to turbid waters. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 180, 65-81.	4.9	23
1022	Augmenting Landsat time series with Harmonized Landsat Sentinel-2 data products: Assessment of spectral correspondence. Science of Remote Sensing, 2021, 4, 100031.	2.2	15
1023	Global clear sky near-surface imagery from multiple satellite daily imagery time series. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 180, 238-254.	4.9	6
1024	Transferable deep learning model based on the phenological matching principle for mapping crop extent. International Journal of Applied Earth Observation and Geoinformation, 2021, 102, 102451.	1.4	7
1025	Mapping and quantifying land cover dynamics using dense remote sensing time series with the user-friendly pyNITA software. Environmental Modelling and Software, 2021, 145, 105179.	1.9	5
1026	Cannabis detection from optical and RADAR data fusion: A comparative analysis of the SMILE machine learning algorithms in Google Earth Engine. Remote Sensing Applications: Society and Environment, 2021, 24, 100639.	0.8	4
1027	Impact of spatial resolution on the quality of crop yield predictions for site-specific crop management. Agricultural and Forest Meteorology, 2021, 310, 108622.	1.9	5
1028	Towards the evaluation of regional ecosystem integrity using NDVI, brightness temperature and surface heterogeneity. Science of the Total Environment, 2021, 796, 148994.	3.9	14
1029	Monitoring the effect of urban development on urban heat island based on remote sensing and geo-spatial approach in Kolkata and adjacent areas, India. Sustainable Cities and Society, 2021, 74, 103186.	5.1	117

#	Article	IF	CITATIONS
1030	Using remote sensors to predict soil properties: Radiometry and peat depth in Dartmoor, UK. Geoderma, 2021, 403, 115232.	2.3	6
1031	Evaluating the impact of climate change on urban environment using geospatial technologies in the planning area of Bilaspur, India. Environmental Challenges, 2021, 5, 100286.	2.0	23
1032	A machine learning approach to monitoring and forecasting spatio-temporal dynamics of land cover in Cox's Bazar district, Bangladesh from 2001 to 2019. Environmental Challenges, 2021, 5, 100237.	2.0	12
1033	Determination of Forest Burn Scar and Burn Severity from Free Satellite Images: a Comparative Evaluation of Spectral Indices and Machine Learning Classifiers. International Journal of Environment and Geoinformatics, 2021, 8, 488-497.	0.5	6
1034	Normalized difference vegetation index analysis of forest cover change detection in Paro Dzongkhag, Bhutan. , 2022, , 417-425.		0
1035	Effectively Extracting Iceberg Freeboard Using Bi-Temporal Landsat-8 Panchromatic Image Shadows. Remote Sensing, 2021, 13, 430.	1.8	4
1036	Sentinel-2 Satellite Imagery for Urban Land Cover Classification by Optimized Random Forest Classifier. Applied Sciences (Switzerland), 2021, 11, 543.	1.3	50
1037	Temporal Interpolation of Geostationary Satellite Imagery With Optical Flow. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3245-3254.	7.2	3
1038	Comparative Analysis and Prediction of Ecological Quality of Delhi. Lecture Notes in Civil Engineering, 2021, , 163-177.	0.3	0
1039	A Lightweight Deep Learning-Based Cloud Detection Method for Sentinel-2A Imagery Fusing Multiscale Spectral and Spatial Features. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	2.7	18
1040	Crop Pattern and Status Monitoring. Springer Remote Sensing/photogrammetry, 2021, , 175-203.	0.4	0
1041	Free-Open Access Geospatial Data and Tools for Forest Resources Management. Environmental Science and Engineering, 2021, , 651-675.	0.1	5
1042	Calibration of the CLAIR Model by Using Landsat 8 Surface Reflectance Higher-Level Data and MODIS Leaf Area Index Products. Lecture Notes in Computer Science, 2017, , 16-29.	1.0	2
1043	The Use of Geomorphological Descriptors and Landsat-8 Spectral Indices Data for Flood Areas Evaluation: A Case Study of Lato River Basin. Lecture Notes in Computer Science, 2017, , 30-44.	1.0	7
1044	A LandTrendr multispectral ensemble for forest disturbance detection. Remote Sensing of Environment, 2018, 205, 131-140.	4.6	164
1045	Spatio-temporal quantification and distribution of diatoms and dinoflagellates associated with algal blooms and human activities in Algiers Bay (Algeria) using Landsat-8 satellite imagery. Regional Studies in Marine Science, 2020, 36, 101311.	0.4	4
1046	Glacier recession in the Altai Mountains of Mongolia in 1990–2016. Geografiska Annaler, Series A: Physical Geography, 2018, 100, 185-203.	0.6	22
1047	Topographic Correction for Landsat 8 OLI Vegetation Reflectances Through Path Length Correction: A Comparison Between Explicit and Implicit Methods. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8477-8489.	2.7	11

#	Article	IF	CITATIONS
1048	Agreement analysis and spatial sensitivity of multispectral and hyperspectral sensors in detecting vegetation stress at management scales. Journal of Applied Remote Sensing, 2017, 11, 1.	0.6	5
1049	Remote sensing analysis of vegetation at the San Carlos Apache Reservation, Arizona and surrounding area. Journal of Applied Remote Sensing, 2018, 12, 1.	0.6	5
1050	High-resolution Earth observation data and spatial analysis for burn severity evaluation and post-fire effects assessment in the Island of Chios, Greece. , 2017, , .		2
1051	Estimation of surface thermal emissivity in a vineyard for UAV microbolometer thermal cameras using NASA HyTES hyperspectral thermal, and landsat and AggieAir optical data. , 2019, 11008, .		7
1052	Pando. , 2019, , .		8
1053	Creating cloud-free satellite imagery from image time series with deep learning. , 2020, , .		5
1054	The Impact of Tsunami on Mangrove Spatial Change in Eastern Coastal of Biak Island, Indonesia. Journal of Ecological Engineering, 2019, 20, 1-6.	0.5	5
1055	Urban monitoring from infrared satellite images. Applied Optics, 2016, 55, D106.	2.1	2
1056	Identification of urban land use efficiency by indicator-SDG 11.3.1. PLoS ONE, 2020, 15, e0244318.	1.1	32
1057	IMPERVIOUS SURFACE MAPPING USING ROBUST DEPTH MINIMUM VECTOR VARIANCE REGRESSION. European Journal of Sustainable Development (discontinued), 2017, 6, .	0.4	3
1058	Drought and vegetation analysis in Tarsus River Basin (Southern Turkey) using GIS and Remote Sensing data. Journal of Human Sciences, 2015, 12, 1853.	0.2	1
1060	Preliminary Analysis of Forest Stand Disturbances in Coastal Georgia (USA) Using Landsat Time Series Stacked Imagery. ForMath, 2019, 18, n/a.	0.1	3
1061	VEGETATION INDICES FOR IRRIGATED CORN MONITORING. Engenharia Agricola, 2020, 40, 322-333.	0.2	12
1062	Automatic semantic segmentation and classification of remote sensing data for agriculture. Mathematical Models in Engineering, 2018, 4, 112-137.	0.1	13
1063	Remote sensing role in environmental stress analysis: Eаst Serbia wildfires case study (2007-2017). Journal of the Geographical Institute Jovan Cvijic SASA, 2017, 67, 249-264.	0.3	5
1065	SURVEY OF FOREST COVER CHANGES BY MEANS OF MULTIFRACTAL ANALYSIS. Carpathian Journal of Earth and Environmental Sciences, 2019, 14, 51-60.	0.2	4
1066	Combining Methods to Estimate Ecosystem Integrity and Ecosystem Service Potentials and Flows for Crop Production in Schleswig-Holstein, Germany. Landscape Online, 0, 79, 1-36.	0.0	3
1067	Analysis Ready Data: Enabling Analysis of the Landsat Archive. Remote Sensing, 2018, 10, 1363.	1.8	247

#	Article	IF	CITATIONS
1068	High-Resolution Sea Surface Temperature Retrieval from Landsat 8 OLI/TIRS Data at Coastal Regions. Remote Sensing, 2019, 11, 2687.	1.8	24
1069	First Comparisons of Surface Temperature Estimations between ECOSTRESS, ASTER and Landsat 8 over Italian Volcanic and Geothermal Areas. Remote Sensing, 2020, 12, 184.	1.8	34
1070	A Simple Method for Converting 1-km Resolution Daily Clear-Sky LST into Real LST. Remote Sensing, 2020, 12, 1641.	1.8	11
1071	Developing a New Method to Identify Flowering Dynamics of Rapeseed Using Landsat 8 and Sentinel-1/2. Remote Sensing, 2021, 13, 105.	1.8	21
1072	MCNet: Multi-Scale Feature Extraction and Content-Aware Reassembly Cloud Detection Model for Remote Sensing Images. Symmetry, 2021, 13, 28.	1.1	5
1073	Remote sensing of agricultural drought monitoring: A state of art review. AIMS Environmental Science, 2016, 3, 604-630.	0.7	53
1074	Radiometric Characteristics of the Landsat Collection 1 Dataset. Advances in Remote Sensing, 2018, 07, 203-217.	0.2	3
1075	Geographic Object-Based Image Analysis of Changes in Land Cover in the Coastal Zones of the Red River Delta (Vietnam). Journal of Environmental Protection, 2019, 10, 413-430.	0.3	5
1076	Implementación y evaluación del modelo Landsat Ecosystem Disturbance Adaptive Processing System (LEDAPS): estudio de caso en los Andes colombianos. Revista De Teledeteccion, 2016, , 83.	0.6	5
1077	DIFFERENTIAL SEARCH ALGORITHM BASED EDGE DETECTION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B7, 667-670.	0.2	6
1078	ASSESSMENT OF CLASSIFICATION ACCURACIES OF SENTINEL-2 AND LANDSAT-8 DATA FOR LAND COVER / USE MAPPING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B8, 1055-1059.	0.2	37
1079	DEVELOPMENT OF SCHEME FOR THE ATMOSPHERIC CORRECTION OF LANDSAT-8 OLI DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5, 671-674.	0.2	1
1080	An overview of in-orbit radiometric calibration of typical satellite sensors. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W4, 235-240.	0.2	4
1081	Validating improved-MODIS products from spectral mixture-Landsat snow cover maps in a mountain region in southern Spain. Proceedings of the International Association of Hydrological Sciences, 0, 380, 67-72.	1.0	3
1083	Harvest chronological planning using a method based on satellite-derived vegetation indices and artificial neural networks. Spanish Journal of Agricultural Research, 2019, 17, e0206.	0.3	2
1084	Risk Assessment of Land Degradation Using Satellite Imagery and Geospatial Modelling in Ukraine. , 0, , .		4
1085	A hierarchical approach of hybrid image classification for land use and land cover mapping. Geographica Pannonica, 2018, 22, 30-39.	0.5	6
1086	Lineament study of the Semanggol Formation and adjacent areas from Landsat 8 Image. Bulletin of the Geological Society of Malaysia, 2018, 65, 119-124.	0.2	3

#	Article	IF	CITATIONS
1087	Selecting appropriate variables for detecting grassland to cropland changes using high resolution satellite data. PeerJ, 2018, 6, e5487.	0.9	10
1088	Application of Landsat images to Snow Cover Changes by Volcanic Activities at Mt. Villarrica and Mt. Llaima, Chile. Korean Journal of Remote Sensing, 2014, 30, 341-350.	0.4	4
1089	Multi-temporal Analysis of Deforestation in Pyeongyang and Hyesan, North Korea. Korean Journal of Remote Sensing, 2016, 32, 1-11.	0.4	1
1090	Attention-Aware Dynamic Self-Aggregation Network for Satellite Image Time Series Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	8
1091	A Machine Learning Framework for Mapping Soil Nutrients with Multi-Source Data Fusion. , 2021, , .		2
1092	Texture Is Important in Improving the Accuracy of Mapping Photovoltaic Power Plants: A Case Study of Ningxia Autonomous Region, China. Remote Sensing, 2021, 13, 3909.	1.8	20
1093	Multi-resolution satellite images bathymetry inversion of Bangda Co in the western Tibetan Plateau. International Journal of Remote Sensing, 2021, 42, 8077-8098.	1.3	6
1094	Spatiotemporal dynamics of glacial lakes (1990–2018) in the Kashmir Himalayas, India using Remote Sensing and GIS. Discover Water, 2021, 1, 1.	1.1	11
1095	Multi-Sensor, Active Fire-Supervised, One-Class Burned Area Mapping in the Brazilian Savanna. Remote Sensing, 2021, 13, 4005.	1.8	4
1096	Stacked vector multi-source lithologic classification utilizing Machine Learning Algorithms: Data potentiality and dimensionality monitoring. Remote Sensing Applications: Society and Environment, 2021, 24, 100643.	0.8	9
1097	Bentonite clay minerals mapping using ASTER and field mineralogical data: A case study from the eastern Rif belt, Morocco. Remote Sensing Applications: Society and Environment, 2021, 24, 100640.	0.8	2
1098	Landsat-based assessment of the quantitative and qualitative dynamics of the pasture areas in rural settlements in the Cerrado biome, Brazil. Applied Geography, 2021, 136, 102585.	1.7	8
1099	Observation of nearshore crescentic sandbar formation during storm wave conditions using satellite images and video monitoring data. Marine Geology, 2021, 442, 106661.	0.9	5
1100	Climate Change for Agriculture, Forest Cover and 3d Urban Models. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-8, 787-791.	0.2	0
1102	Improvising Security of HSZ Areas on Google Map Satellite Images of India via COTPCSD Mechanism. International Journal of Computer Applications, 2015, 128, 1-7.	0.2	0
1103	ASSESSMENT OF SURFACE WATER AT THE SOBRADINHO RESERVOIR UNDER THE EFFECTS OF DROUGHT USING MULTI-TEMPORAL LANDSAT IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B8, 387-392.	0.2	0
1104	A New Threshold Relative Radiometric Correction Algorithm (TRRCA) of Multiband Satellite Data. Smart Innovation, Systems and Technologies, 2018, , 41-50.	0.5	0
1105	Geology and Remote Sensing Investigations in Antarctic Environments. Sustainable Civil Infrastructures, 2018, , 272-281.	0.1	0

# 1106	ARTICLE REGIONAL GEOLOGICAL MAPPING IN THE GRAHAM LAND OF ANTARCTIC PENINSULA USING LANDSAT-8 REMOTE SENSING DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W5, 235-238.	IF 0.2	Citations
1107	Mapping impervious surfaces in the Xiangjiang River basin based on remote sensing spectral indices: a case study in Chang-Zhu-Tan region. , 2017, , .		0
1108	Methods of essential variables determination for the Earth's surface state assessing. KosmìÄna Nauka ì Tehnologìâ, 2018, 24, 26-40.	0.1	3
1109	Single image summary of time-varying Earth-features. , 0, , .		0
1110	Review of machine learning methods for Big satellite Data classification. System Research and Information Technologies, 2018, .	0.1	3
1111	BARAJ GÖLLERİNDEKİ METEOROLOJİK VE HİDROLOJİK KURAKLIĞIN ETKİSİNİN ‡OK ZAMANLI UYE ANALİZİ: ATİKHİSAR BARAJI (ÇANAKKALE) ÖRNEĞİ. Ömer Halisdemir Üniversitesi Mühendislik Bilii 0, , .)U GÃ-RÂ mbeßi Derg	ÁœNTÜLER gis4,
1112	The Compact Hyperspectral Prism Spectrometer: Advanced imaging spectrometer for sustainable land imaging. , 2018, , .		1
1114	Remote sensing analysis of impervious surface changes in Luoyang City during 1990―2016. , 2018, , .		0
1115	The compact hyperspectral prism spectrometer for sustainable land imaging: continuing the data record and enabling new discoveries. , 2018, , .		0
1116	Application of Remote Sensing Data in Lithological Discrimination of Kerdous Inlier in the Anti Atlas Belt of Morocco. International Journal on Informatics Visualization, 2019, 3, 227-232.	0.5	1
1117	Evaluation of Operational Atmospheric Correction effects on Surface Reflectance and Albedo using Landsat-OLI images. Journal of Geospatial Information Technology, 2019, 7, 113-131.	0.2	0
1118	Urmiye Gölü Örneğinde Arazi/Arazi Değişimi Tespit Prosedüründe Hücresel Otomata Markov Yör Nesne Tabanlı Sınıflandırma Yaklaşımının Uygulanması. Konya Journal of Engineering Sciences, 536-550.	itemi İle 2 01 9, 7,	2
1119	Evaluation and Comparison of Topographic Correction Models Is Applied on the Series Landsat Images Using Spectrometery Data. Journal of Geospatial Information Technology, 2019, 7, 21-41.	0.2	0
1120	Detection of coal stockpiles using geospatial satellite images. , 2019, , .		0
1121	Comparing different techniques of satellite imagery classification to mineral mapping pegmatite of		4
1122	Segmentation Analysis Using Particle Swarm Optimization - Self Organizing Map Algorithm and Classification of Remote Sensing Data for Agriculture. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 659-668.	0.5	5
1123	Circular structures of the Northern Black Sea Region a consequence of a planetary catastrophe. , 2020, , 44-47.	0.1	0
1124	Land Surface Temperature Retrieval Using High-Resolution Vertical Profiles Simulated by WRF Model. Atmosphere, 2021, 12, 1436.	1.0	8

#	Article	IF	CITATIONS
1125	Extraction of crop information through the spatiotemporal fusion of OLI and MODIS images. Geocarto International, 2022, 37, 8336-8360.	1.7	2
1126	Evaluation of Ecological Integrity in Landscape Based on Remote Sensing Data. , 2020, , 161-173.		0
1127	A Multiclass Deep Learning Approach for LULC Classification of Multispectral Satellite Images. , 2020, ,		6
1128	A reproducible notebook to acquire, process and analyse satellite imagery. Region, 2020, 7, R15-R46.	0.3	2
1130	Multi-sensor change detection for within-year capture and labelling of forest disturbance. Remote Sensing of Environment, 2022, 268, 112741.	4.6	34
1131	Regional mapping of soil organic matter content using multitemporal synthetic Landsat 8 images in Google Earth Engine. Catena, 2022, 209, 105842.	2.2	29
1132	Effectiveness of Sentinel-1-2 Multi-Temporal Composite Images for Land-Cover Monitoring in the Indochinese Peninsula. Journal of Geoscience and Environment Protection, 2020, 08, 24-32.	0.2	0
1133	Multitemporal Land Use and Land Cover Classification from Time-Series Landsat Datasets Using Harmonic Analysis with a Minimum Spectral Distance Algorithm. ISPRS International Journal of Geo-Information, 2020, 9, 67.	1.4	5
1134	Structural interpretation of lineaments using satellite image processing: A case study in the vicinity of the Charvak reservoir. InterCarto InterGIS, 2020, 26, 436-442.	0.1	1
1135	Cartographic analysis of the components of the agricultural landscape in the formation of sustainable land management in the context of land degradation Volgograd region. InterCarto InterGIS, 2021, 27, 47-56.	0.1	1
1136	Prediction of some physico-chemical parameters of water in Alton Reservoir, Suffolk, England. WSEAS Transactions on Environment and Development, 2020, 16, 119-131.	0.3	1
1137	Requirement-driven remote sensing metadata planning and online acquisition method for large-scale heterogeneous data. Geo-Spatial Information Science, 2022, 25, 169-181.	2.4	1
1138	Virtual Prospecting in Paleontology Using a Drone-Based Orthomosaic Map: An Eye Movement Analysis. ISPRS International Journal of Geo-Information, 2021, 10, 753.	1.4	0
1139	Assessment of Forest Health using Remote Sensing—A Case Study of Simlipal National Park, Odisha (India). Environmental Science and Engineering, 2021, , 213-235.	0.1	3
1140	Utilization of Landsat-8 data for lithological mapping of neoproterozoic basement rocks in north Qena-Safaga road, North Eastern Desert, Egypt. Journal of African Earth Sciences, 2022, 186, 104420.	0.9	4
1141	Soil erosion as a factor of desertification of agrolandscapes in Ukraine. Agroecological Journal, 2021, , .	0.0	2
1142	Lithological and alteration mapping using Landsat 8 and ASTER satellite data in the Reguibat Shield (West African Craton), North of Mauritania: implications for uranium exploration. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	19
1143	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

CITA	TION	REPO	דחר
CITA	NUN	KEPU	JKT

#	Article	IF	CITATIONS
1144	Challenges and Opportunities of Digital Technology in Soil Quality and Land Management Research. , 2022, , 285-317.		1
1145	Monitoring global reservoirs using ICESat-2: Assessment on spatial coverage and application potential. Journal of Hydrology, 2022, 604, 127257.	2.3	16
1146	Prediction of urban expansion by using land cover change detection approach. Heliyon, 2021, 7, e08437.	1.4	27
1147	Recent land cover trends in the transition region of Tiaret, Algeria. Catena, 2022, 210, 105861.	2.2	5
1148	Correlation of Land Surface Temperature with IR Albedo for the Analysis of Urban Heat Island. Engineering Proceedings, 2021, 8, .	0.4	2
1149	Exploring open-source multispectral satellite remote sensing as a tool to map long-term evolution of salt marsh shorelines. Estuarine, Coastal and Shelf Science, 2022, 266, 107664.	0.9	12
1150	Relationship Among Fractional Vegetation Cover, Land Use and Urban Heat Island Using Landsat 8 in Taipei, Taiwan. Geospatial Technology and the Role of Location in Science, 2021, , 81-95.	0.2	2
1151	Satellite-derived bathymetry using Landsat-8 and Sentinel-2A images: assessment of atmospheric correction algorithms and depth derivation models in shallow waters. Optics Express, 2022, 30, 3238.	1.7	24
1152	Aeromagnetic and Landsat-8 data interpretation for structural and hydrothermal alteration mapping along the Central and Southern Eastern Desert boundary, Egypt. Egyptian Journal of Remote Sensing and Space Science, 2022, 25, 11-20.	1.1	7
1153	Multi-decadal analysis of high-resolution albedo changes induced by urbanization over contrasted Chinese cities based on Landsat data. Remote Sensing of Environment, 2022, 269, 112832.	4.6	16
1154	Optimized algorithm for evapotranspiration retrieval via remote sensing. Agricultural Water Management, 2022, 262, 107390.	2.4	6
1155	Multifractal analysis for spatial characterization of high resolution Sentinel-2/MAJA products in Southwestern France. Remote Sensing of Environment, 2022, 270, 112859.	4.6	1
1156	Assessing geeSEBAL automated calibration and meteorological reanalysis uncertainties to estimate evapotranspiration in subtropical humid climates. Agricultural and Forest Meteorology, 2022, 314, 108775.	1.9	10
1157	Soil Nutrients Prediction Using Remote Sensing Data in Western India: An Evaluation of Machine Learning Models. , 2020, , .		4
1158	Develop Large-Area Autumn Crop Type Product Using a Deep Learning Strategy. , 2020, , .		1
1159	Verifying Rapid Increasing of Mega-Solar PV Power Plants in Japan by Applying a CNN-Based Classification Method to Satellite Images. , 2020, , .		2
1160	Assessing Differentiation Between Pasture and Croplands Using Remote Sensing Image Time Series Metrics. , 2020, , .		0
1161	Tracking the Cold. Journal of Glacial Archaeology, 0, 5, 85-102.	0.4	3

#	Article	IF	CITATIONS
1162	Uydu Görüntülerinden Elde Edilen Bitki Su Tüketimi Verileri ile Silajlık Mısırda Verim Tahmini. Anado Journal of Agricultural Sciences, 0, , .	^ц 0.3	0
1163	Land Cover Classification from Satellite Data using Machine Learning Techniques. , 2021, , .		0
1164	Utilization of Landsat-8 (OLI) Image Data for Geological Mapping of the Neo-Proterozoic Basement Rocks in the Central Eastern Desert of Egypt. Journal of the Indian Society of Remote Sensing, 2022, 50, 469-492.	1.2	4
1165	Improving Estimates of Sulfur, Nitrogen, and Ozone Total Deposition through Multi-Model and Measurement-Model Fusion Approaches. Environmental Science & Technology, 2022, 56, 2134-2142.	4.6	12
1166	EPOCH: enhanced procedure for operational change detection using historical invariant features and PCA guided multivariate statistical technique. Geocarto International, 0, , 1-23.	1.7	2
1167	Assessment of Aeolian Activity in the Bodélé Depression, Chad: A Dense Spatiotemporal Time Series From Landsat-8 and Sentinel-2 Data. Frontiers in Environmental Science, 2022, 9, .	1.5	2
1168	Refined UNet V4: End-to-End Patch-Wise Network for Cloud and Shadow Segmentation with Bilateral Grid. Remote Sensing, 2022, 14, 358.	1.8	3
1169	A Spatiotemporal Fusion Method Based on Multiscale Feature Extraction and Spatial Channel Attention Mechanism. Remote Sensing, 2022, 14, 461.	1.8	13
1170	Revisiting the Past: Replicability of a Historic Long-Term Vegetation Dynamics Assessment in the Era of Big Data Analytics. Remote Sensing, 2022, 14, 597.	1.8	11
1171	Wasteland Characterization and Fragmentation Analysis in Korba District (Chhattisgarh, India): A Study-Based Geospatial Data and Spatial Statistical Approach. Journal of the Indian Society of Remote Sensing, 2022, 50, 701-714.	1.2	1
1172	The Extreme Heat Wave over Western North America in 2021: An Assessment by Means of Land Surface Temperature. Remote Sensing, 2022, 14, 561.	1.8	17
1173	Inversion of Soil Salinity Using Multisource Remote Sensing Data and Particle Swarm Machine Learning Models in Keriya Oasis, Northwestern China. Remote Sensing, 2022, 14, 512.	1.8	8
1174	Dynamics of the alpine timberline and its response to climate change in the Hengduan mountains over the period 1985–2015. Ecological Indicators, 2022, 135, 108589.	2.6	11
1175	The dominant factors and influence of urban characteristics on land surface temperature using random forest algorithm. Sustainable Cities and Society, 2022, 79, 103722.	5.1	27
1176	Modelling soil organic carbon using vegetation indices across large catchments in eastern Australia. Science of the Total Environment, 2022, 817, 152690.	3.9	11
1177	Regional soil organic matter mapping models based on the optimal time window, feature selection algorithm and Google Earth Engine. Soil and Tillage Research, 2022, 219, 105325.	2.6	26
1178	Application of Landscape Metrics and Object-Oriented Remote Sensing to Detect the Spatial Arrangement of Agricultural Land. Quaestiones Geographicae, 2022, .	0.5	1
1179	Understanding the Role of Receptive Field of Convolutional Neural Network for Cloud Detection in Landsat 8 OLI Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	6

#	Article	IF	CITATIONS
1180	Convolution neural network with edge structure loss for spatiotemporal remote sensing image fusion. International Journal of Remote Sensing, 2022, 43, 1015-1036.	1.3	6
1181	Greenhouse area detection in Guanzhong Plain, Shaanxi, China: spatio-temporal change and suitability classification. International Journal of Digital Earth, 2022, 15, 226-248.	1.6	7
1182	Landsat Data Ecosystem Case Study: Actor Perceptions of the Use and Value of Landsat. Frontiers in Environmental Science, 2022, 9, .	1.5	4
1183	High resolution inventory and hazard assessment of potentially dangerous glacial lakes in upper Jhelum basin, Kashmir Himalaya, India. Geocarto International, 2022, 37, 10681-10712.	1.7	11
1184	NDVI-based ecological dynamics of forest vegetation and its relationship to climate change in Romania during 1987–2018. Ecological Indicators, 2022, 136, 108629.	2.6	41
1185	Consideration of terrain features from satellite imagery in machine learning of basic wind speed. Building and Environment, 2022, 213, 108866.	3.0	3
1186	Regional matters: On the usefulness of regional landâ€cover datasets in times of global change. Remote Sensing in Ecology and Conservation, 2022, 8, 272-283.	2.2	20
1187	Development of a Fully Convolutional Neural Network to Derive Surf-Zone Bathymetry from Close-Range Imagery of Waves in Duck, NC. Remote Sensing, 2021, 13, 4907.	1.8	8
1188	Analysis of Land Use and Land Cover Using Machine Learning Algorithms on Google Earth Engine for Munneru River Basin, India. Sustainability, 2021, 13, 13758.	1.6	48
1189	PSTAF-GAN: Progressive Spatio-Temporal Attention Fusion Method Based on Generative Adversarial Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	8
1190	Evaluation of Food Security Based on Remote Sensing Data——Taking Egypt as an Example. SSRN Electronic Journal, 0, , .	0.4	1
1191	Assessing Land Cover Transformation for Urban Environmental Sustainability through Satellite Sensing. Sustainability, 2022, 14, 2810.	1.6	9
1192	A global seamless 1 km resolution daily land surface temperature dataset (2003–2020). Earth System Science Data, 2022, 14, 651-664.	3.7	54
1193	Spatiotemporal Change Analysis and Prediction of Future Land Use and Land Cover Changes Using QGIS MOLUSCE Plugin and Remote Sensing Big Data: A Case Study of Linyi, China. Land, 2022, 11, 419.	1.2	43
1194	An Interannual Transfer Learning Approach for Crop Classification in the Hetao Irrigation District, China. Remote Sensing, 2022, 14, 1208.	1.8	20
1195	Impact of Image-Processing Routines on Mapping Glacier Surface Facies from Svalbard and the Himalayas Using Pixel-Based Methods. Remote Sensing, 2022, 14, 1414.	1.8	11
1196	Spatiotemporal Analysis of Urban Green Areas Using Change Detection: A Case Study of Kharkiv, Ukraine. Frontiers in Environmental Science, 2022, 10, .	1.5	10
1197	Framework for Remote Sensing and Modelling of Lithium-Brine Deposit Formation. Remote Sensing, 2022, 14, 1383.	1.8	6

#	Article	IF	Citations
1198	Field and remote sensing studies of the eastern Arabian Shield: implications for base and precious metals prospectively of the Ar Rayn terrane. Arabian Journal of Geosciences, 2022, 15, 1.	0.6	1
1199	Detecting Soil pH from Open-Source Remote Sensing Data: A Case Study of Angul and Balangir Districts, Odisha State. Journal of the Indian Society of Remote Sensing, 2022, 50, 1275-1290.	1.2	4
1200	Photosynthetic trends in India derived from remote sensing measurements during 2000–2019: vegetation dynamics and key climate drivers. Geocarto International, 2022, 37, 11813-11829.	1.7	6
1201	Pixel-scale miniaturization of guided mode resonance transmission filters in short wave infrared. Optics Express, 2022, 30, 12204.	1.7	1
1202	Streamflow Prediction in Highly Regulated, Transboundary Watersheds Using Multiâ€Basin Modeling and Remote Sensing Imagery. Water Resources Research, 2022, 58, .	1.7	10
1203	Evaluating the Impact of the Influx of Syrian Refugees on Land Use/Land Cover Change in Irbid District, Northwestern Jordan. Land, 2022, 11, 372.	1.2	11
1204	Beyond pixels: Learning from multimodal hyperspectral superpixels for land cover classification. Science China Technological Sciences, 2022, 65, 802-808.	2.0	3
1205	The capabilities of Sentinel-MSI (2A/2B) and Landsat-OLI (8/9) in seagrass and algae species differentiation using spectral reflectance. Ocean Science, 2022, 18, 361-388.	1.3	6
1206	Evaluation and optimal selection of Dunhuang radiometric calibration site based on OLI/Landsat 8 and MSI/Sentinel 2 data. International Journal of Remote Sensing, 2022, 43, 1684-1702.	1.3	2
1207	Long-term topographic effect on remotely sensed vegetation index-based gross primary productivity (GPP) estimation at the watershed scale. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102755.	1.4	4
1208	Matching high resolution satellite data and flux tower footprints improves their agreement in photosynthesis estimates. Agricultural and Forest Meteorology, 2022, 316, 108878.	1.9	25
1209	Pansharpened landsat 8 thermal-infrared data for improved Land Surface Temperature characterization in a heterogeneous urban landscape. Remote Sensing Applications: Society and Environment, 2022, 26, 100728.	0.8	4
1210	Mapping Tidal Flats of the Bohai and Yellow Seas Using Time Series Sentinel-2 Images and Google Earth Engine. Remote Sensing, 2022, 14, 1789.	1.8	14
1211	Management zoneâ€based estimation of positive and negative nitrous oxide flux in organic corn fields. Soil Science Society of America Journal, 2022, 86, 1043-1057.	1.2	2
1212	Fusing Landsat 8 and Sentinel-2 data for 10-m dense time-series imagery using a degradation-term constrained deep network. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102738.	1.4	5
1213	Analysis of surface urban heat islands based on local climate zones via spatiotemporally enhanced land surface temperature. Remote Sensing of Environment, 2022, 273, 112972.	4.6	24
1214	Urbanization-induced impacts on heat-energy fluxes in tropical South America from 1984 to 2020: The Metropolitan Area of Rio de Janeiro/Brazil. Building and Environment, 2022, 216, 109008.	3.0	9
1215	A land clearing index for high-frequency unsupervised monitoring of land development using multi-source optical remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 187, 393-421.	4.9	2

#	Article	IF	CITATIONS
1216	Automatic detection of geological lineaments in central Turkey based on test image analysis using satellite data. Advances in Space Research, 2022, 69, 3283-3300.	1.2	8
1217	Landscape and vegetation traits of urban green space can predict local surface temperature. Science of the Total Environment, 2022, 825, 154006.	3.9	21
1218	Analysis on Seasonal Variation of Cloud Cover in Zhengzhou. , 2021, , .		2
1219	Seasonal Contrast: Unsupervised Pre-Training from Uncurated Remote Sensing Data. , 2021, , .		57
1220	Lithological, structural and hydrothermal alteration mapping utilizing remote sensing datasets: a case study around Um Salim area, Egypt. IOP Conference Series: Earth and Environmental Science, 2021, 942, 012032.	0.2	9
1221	Vegetation cover classification using Sentinal-2 time-series images and K-Means clustering. , 2021, , .		4
1222	Identification of SUHI in Urban Areas by Remote Sensing Data and Mitigation Hypothesis through Solar Reflective Materials. Atmosphere, 2022, 13, 70.	1.0	3
1223	Using remote sensing to monitor the spring phenology of Acadia National Park across elevational gradients. Ecosphere, 2021, 12, .	1.0	2
1225	Towards Routine Mapping of Crop Emergence within the Season Using the Harmonized Landsat and Sentinel-2 Dataset. Remote Sensing, 2021, 13, 5074.	1.8	11
1226	Assessment of Land-Use Efficiency in Agriculture with the Application of GIS Technologies. Izvestiya - Atmospheric and Oceanic Physics, 2021, 57, 1596-1603.	0.2	4
1227	An Overview of the Applications of Earth Observation Satellite Data: Impacts and Future Trends. Remote Sensing, 2022, 14, 1863.	1.8	61
1228	Study of Driving Factors Using Machine Learning to Determine the Effect of Topography, Climate, and Fuel on Wildfire in Pakistan. Remote Sensing, 2022, 14, 1918.	1.8	5
1229	Analysing the change in water quality parameters along river Ganga at Varanasi, Mirzapur and Ghazipur using Sentinel-2 and Landsat-8 satellite data during pre-lockdown, lockdown and post-lockdown associated with COVID-19. Journal of Earth System Science, 2022, 131, 1.	0.6	3
1230	Performance and the Optimal Integration of Sentinel-1/2 Time-Series Features for Crop Classification in Northern Mongolia. Remote Sensing, 2022, 14, 1830.	1.8	14
1231	Longâ€Term Infrasonic Monitoring of Land and Marineâ€Terminating Glaciers in Greenland. Geophysical Research Letters, 2022, 49, .	1.5	2
1232	GISD30: global 30 m impervious-surface dynamic dataset from 1985 to 2020 using time-series Landsat imagery on the Google Earth Engine platform. Earth System Science Data, 2022, 14, 1831-1856.	3.7	58
1233	A Review of General Methods for Quantifying and Estimating Urban Trees and Biomass. Forests, 2022, 13, 616.	0.9	13
1240	Refined UNet Lite: End-to-End Lightweight Network for Edge-precise Cloud Detection. Procedia Computer Science, 2022, 202, 9-14.	1.2	1

#	Article	IF	CITATIONS
1242	Remote Sensing Image Spatiotemporal Fusion via a Generative Adversarial Network With One Prior Image Pair. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	4
1243	Impact of BRDF Spatiotemporal Smoothing on Land Surface Albedo Estimation. Remote Sensing, 2022, 14, 2001.	1.8	2
1244	Analysing Process and Probability of Built-Up Expansion Using Machine Learning and Fuzzy Logic in English Bazar, West Bengal. Remote Sensing, 2022, 14, 2349.	1.8	14
1245	Bathymetric mapping and estimation of water storage in a shallow lake using a remote sensing inversion method based on machine learning. International Journal of Digital Earth, 2022, 15, 789-812.	1.6	17
1246	A data-driven approach using the remotely sensed soil moisture product to identify water-demand in agricultural regions. Science of the Total Environment, 2022, 837, 155893.	3.9	7
1247	Study on the Effect of Vegetation Coverage on Urban Cooling and Energy Conservation: A Case Study of a Typical Hilly City, Chenzhou, China. Buildings, 2022, 12, 640.	1.4	1
1248	Saving soil carbon, greenhouse gas emissions, biodiversity and the economy: paludiculture as sustainable land use option in German fen peatlands. Regional Environmental Change, 2022, 22, .	1.4	12
1249	Combustion machine learning: Principles, progress and prospects. Progress in Energy and Combustion Science, 2022, 91, 101010.	15.8	77
1250	Detection and characterization of coastal tidal wetland change in the northeastern US using Landsat time series. Remote Sensing of Environment, 2022, 276, 113047.	4.6	35
1251	Evaluation of LaSRC aerosol optical depth from Landsat-8 and Sentinel-2 in Guangdong-Hong Kong-Macao greater bay area, China. Atmospheric Environment, 2022, 280, 119128.	1.9	3
1252	Urban evapotranspiration estimation based on anthropogenic activities and modified Penman-Monteith model. Journal of Hydrology, 2022, 610, 127879.	2.3	10
1253	Estimation of high spatial resolution ground-level ozone concentrations based on Landsat 8 TIR bands with deep forest model. Chemosphere, 2022, 301, 134817.	4.2	9
1254	Ultrahigh-resolution PM2.5 estimation from top-of-atmosphere reflectance with machine learning: Theories, methods, and applications. Environmental Pollution, 2022, 306, 119347.	3.7	16
1255	Farmers Establishment Impact on the Forest Dynamic of Monogaga Protected Forest, in the Southwest of Cà te d'Ivoire: Remote Sensing and Geographical Information Systems (GIS) Approach. European Journal of Education and Pedagogy, 2019, 4, 12-20.	0.2	0
1256	Harmonizing surface reflectance between Landsat-7 ETM + , Landsat-8 OLI, and Sentinel-2 MSI over Chin Environmental Science and Pollution Research, 2022, 29, 70882-70898.	^a 2.7	9
1257	Lineaments Extraction and Analysis Using Landsat 8 (OLI/TIRS) in the Northeast of Morocco. Open Journal of Geology, 2022, 12, 333-357.	0.1	4
1258	MSFusion: Multistage for Remote Sensing Image Spatiotemporal Fusion Based on Texture Transformer and Convolutional Neural Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4653-4666.	2.3	11
1259	Statistical Diagnostics for Sensing Spatial Residue Cover. SSRN Electronic Journal, 0, , .	0.4	О

#	Article	IF	CITATIONS
1260	Influence of natural and anthropogenic controls on runoff in the Keriya River, central Tarim Basin, China. PLoS ONE, 2022, 17, e0269132.	1.1	2
1261	The protective effect of green space on heat-related respiratory hospitalization among children under 5Âyears of age in Hanoi, Vietnam. Environmental Science and Pollution Research, 2022, 29, 74197-74207.	2.7	1
1262	Delineation of urban expansion influences urban heat islands and natural environment using remote sensing and GIS-based in industrial area. Environmental Science and Pollution Research, 2022, 29, 73147-73170.	2.7	10
1263	Monitoring the Invasive Plant Spartina alterniflora in Jiangsu Coastal Wetland Using MRCNN and Long-Time Series Landsat Data. Remote Sensing, 2022, 14, 2630.	1.8	12
1264	Limiting the Collection of Ground Truth Data for Land Use and Land Cover Maps with Machine Learning Algorithms. ISPRS International Journal of Geo-Information, 2022, 11, 333.	1.4	7
1265	Delineation of urban expansion and drought-prone areas using vegetation conditions and other geospatial indices. Theoretical and Applied Climatology, 2022, 149, 1277-1295.	1.3	3
1266	Extraction of Photovoltaic Plants Using Machine Learning Methods: A Case Study of the Pilot Energy City of Golmud, China. Remote Sensing, 2022, 14, 2697.	1.8	15
1267	Detecting land use changes using hybrid machine learning methods in the Australian tropical regions. Geo Journal, 2023, 88, 241-253.	1.7	2
1268	Fracture system and associated structures within the Variscan granitic Ment massif (western) Tj ETQq0 0 0 rgBT $$	Overlock	10 Tf 50 422
1269	Integrating Aster <scp>07XT</scp> , Landsat 8, and aeromagnetic data for the delineation of potential mineralization sites in North Cameroon. Geological Journal, 2022, 57, 3949-3971.	0.6	4
1270	A Global Analysis of the Spatial and Temporal Variability of Usable Landsat Observations at the Pixel Scale. Frontiers in Remote Sensing, 0, 3, .	1.3	11
1271	Assessment of Riverbank Erosion Hotspots along the Mekong River in Cambodia Using Remote Sensing and Hazard Exposure Mapping. Water (Switzerland), 2022, 14, 1981.	1.2	16
1272	Evaluation and Prediction of Landslide Susceptibility in Yichang Section of Yangtze River Basin Based on Integrated Deep Learning Algorithm. Remote Sensing, 2022, 14, 2717.	1.8	4
1273	Coal fire identification and state assessment by integrating multitemporal thermal infrared and InSAR remote sensing data: A case study of Midong District, Urumqi, China. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 190, 144-164.	4.9	9
1274	Estimation and validation of 30Âm fractional vegetation cover over China through integrated use of Landsat 8 and Gaofen 2 data. Science of Remote Sensing, 2022, 6, 100058.	2.2	12
1275	The Interplay between Spatial Urban Expansion and Morphologic Landscapes East of Cairo, Egypt Using Time Series Satellite Imagery. ISPRS International Journal of Geo-Information, 2022, 11, 386.	1.4	1
1276	Impact of urbanization on land surface temperature and surface urban heat Island using optical remote sensing data: A case study of Jeju Island, Republic of Korea. Building and Environment, 2022, 222, 109368.	3.0	40

1277	A novel multiple change detection approach based on tri-temporal logic-verified change vector analysis in posterior probability space. International Journal of Applied Earth Observation and Geoinformation, 2022, 111, 102852.	0.9	0
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#	Article	IF	CITATIONS
1279	AUnet: A Deep Learning Framework for Surface Water Channel Mapping Using Large-Coverage Remote Sensing Images and Sparse Scribble Annotations from OSM Data. Remote Sensing, 2022, 14, 3283.	1.8	7
1280	Submarine groundwater discharge detection through remote sensing: An application of Landsat 7 and 8 in Hawaiǻi and Ireland. Remote Sensing of Environment, 2022, 279, 113109.	4.6	1
1281	Effects of forest amount and fragmentation on different bird guilds reveal strategies of forest restoration in Three Gorges Reservoir area of Yangtze River, China. Global Ecology and Conservation, 2022, 38, e02224.	1.0	1
1282	Fusion Information Multi-View Classification Method for Remote Sensing Cloud Detection. Applied Sciences (Switzerland), 2022, 12, 7295.	1.3	2
1283	Online Multi-resolution Fusion of Space-borne Multispectral Images. , 2022, , .		0
1284	Monitoring Land Use Land Cover Changes and Modelling of Urban Growth Using a Future Land Use Simulation Model (FLUS) in Diyarbakır, Turkey. Sustainability, 2022, 14, 9180.	1.6	16
1285	Geological and Mineralogical Mapping Based on Statistical Methods of Remote Sensing Data Processing of Landsat-8: A Case Study in the Southeastern Transbaikalia, Russia. Sustainability, 2022, 14, 9242.	1.6	4
1286	Multi-parametric study of an eruptive phase comprising unrest, major explosions, crater failure, pyroclastic density currents and lava flows: Stromboli volcano, 1 December 2020–30 June 2021. Frontiers in Earth Science, 0, 10, .	0.8	8
1287	Incorporation of Digital Elevation Model, Normalized Difference Vegetation Index, and Landsat-8 Data for Land Use Land Cover Mapping. Photogrammetric Engineering and Remote Sensing, 2022, 88, 507-516.	0.3	3
1288	A Statistical Approach to Satellite Time Series Analysis to Detect Changes in Thermal Activities: The Vulcano Island 2021 Crisis. Remote Sensing, 2022, 14, 3933.	1.8	4
1289	Farasan Island of Saudi Arabia confronts the measurable impacts of global warming in 45Âyears. Scientific Reports, 2022, 12, .	1.6	8
1290	Islas de calor urbano mediante imágenes satelitales en la ciudad de Juliaca durante el año 2019. Ciencia & Desarrollo, 2022, 21, 10-28.	0.2	0
1291	Mapping photovoltaic power plants in China using Landsat, random forest, and Google Earth Engine. Earth System Science Data, 2022, 14, 3743-3755.	3.7	17
1292	Cloud-based storage and computing for remote sensing big data: a technical review. International Journal of Digital Earth, 2022, 15, 1417-1445.	1.6	11
1293	Synthetic-Aperture-Radar–Based Spacecraft Terrain Relative Navigation. Journal of Spacecraft and Rockets, 0, , 1-13.	1.3	0
1294	Surge dynamics of Shisper Glacier revealed by time-series correlation of optical satellite images and their utility to substantiate a generalized sliding law. Cryosphere, 2022, 16, 3123-3148.	1.5	6
1295	SCRNet: an efficient spatial channel attention residual network for spatiotemporal fusion. Journal of Applied Remote Sensing, 2022, 16, .	0.6	1
1296	Deep learning high resolution burned area mapping by transfer learning from Landsat-8 to PlanetScope. Remote Sensing of Environment, 2022, 280, 113203.	4.6	15

		HON REPORT	
#	Article	IF	CITATIONS
1297	Fifty years of Landsat science and impacts. Remote Sensing of Environment, 2022, 280, 113195.	4.6	149
1298	A hybrid generative adversarial network for weakly-supervised cloud detection in multispectral images. Remote Sensing of Environment, 2022, 280, 113197.	4.6	15
1299	Integrated multivariate data analysis for Urban Sustainability Assessment, a case study of Casablanca city. Sustainable Cities and Society, 2022, 86, 104100.	5.1	18
1300	Remote sensing to detect harmful algal blooms in inland waterbodies. Science of the Total Environment, 2022, 851, 158096.	3.9	6
1301	Greenhouses Detection in Guanzhong Plain, Shaanxi, China: Evaluation of Four Classification Methods in Google Earth Engine. Canadian Journal of Remote Sensing, 2022, 48, 747-763.	1.1	3
1302	Identification and Quantification of Actual Evapotranspiration Using Integrated Satellite Data for Sustainable Water Management in Dry Areas. Agronomy, 2022, 12, 2143.	1.3	2
1303	Optimization of Open-Access Optical and Radar Satellite Data in Google Earth Engine for Oil Palm Mapping in the Muda River Basin, Malaysia. Agriculture (Switzerland), 2022, 12, 1435.	1.4	3
1304	Optimizing hydropower plants based on carbon-water-energy-ecosystem nexus. Energy Conversion and Management, 2022, 270, 116191.	4.4	8
1305	Proxying Economic Activity with Daytime Satellite Imagery: Filling Data Gaps Across Time and Space. SSRN Electronic Journal, 0, , .	0.4	0
1306	A Combined Approach for Monitoring Monthly Surface Water/Ice Dynamics of Lesser Slave Lake Via Earth Observation Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 6402-6417.	2.3	8
1307	A GPU-Based Solution for Ray Tracing 3-D Radiative Transfer Model for Optical and Thermal Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	2
1308	Self-Supervised Material and Texture Representation Learning for Remote Sensing Tasks. , 2022, , .		15
1309	The impact of the armed conflict in Afghanistan on vegetation dynamics. Science of the Total Environment, 2023, 856, 159138.	3.9	3
1311	Estimating Rangeland Fine Fuel Biomass in Western Texas Using High-Resolution Aerial Imagery and Machine Learning. Remote Sensing, 2022, 14, 4360.	1.8	4
1312	Forest Fire Spread Monitoring and Vegetation Dynamics Detection Based on Multi-Source Remote Sensing Images. Remote Sensing, 2022, 14, 4431.	1.8	20
1313	RaftNet: A New Deep Neural Network for Coastal Raft Aquaculture Extraction from Landsat 8 OLI Data. Remote Sensing, 2022, 14, 4587.	1.8	8
1314	Assessment of Urban Green Space Dynamics Influencing the Surface Urban Heat Stress Using Advanced Geospatial Techniques. Agronomy, 2022, 12, 2129.	1.3	8
1315	Exploring the effect of COVID-19 pandemic lockdowns on urban cooling: A tale of three cities. Advances in Space Research, 2023, 71, 1017-1033.	1.2	9

#	Article	IF	CITATIONS
1316	Land Suitability Investigation for Solar Power Plant Using GIS, AHP and Multi-Criteria Decision Approach: A Case of Megacity Kolkata, West Bengal, India. Sustainability, 2022, 14, 11276.	1.6	16
1317	The Description and Application of BRDF Based on Shape Vectors for Typical Landcovers. Sustainability, 2022, 14, 11883.	1.6	0
1318	Effect of LULC data resolution on hydrological and erosion modeling using SWAT model. Modeling Earth Systems and Environment, 2023, 9, 831-846.	1.9	7
1319	A Multiscale Cost–Benefit Analysis of Digital Soil Mapping Methods for Sustainable Land Management. Sustainability, 2022, 14, 12170.	1.6	5
1320	An Integrated Monitoring System for Coastal and Riparian Areas Based on Remote Sensing and Machine Learning. Journal of Marine Science and Engineering, 2022, 10, 1322.	1.2	4
1321	Remote sensing of land change: A multifaceted perspective. Remote Sensing of Environment, 2022, 282, 113266.	4.6	36
1322	ANALISIS PERUBAHAN GARIS PANTAI AKIBAT KENAIKAN MUKA AIR LAUT PANTAI KABUPATEN DEMAK. , 2020, 3, 178-184.		1
1323	Rapid Glacier Shrinkage in the Gongga Mountains in the Last 27 Years. Remote Sensing, 2022, 14, 5397.	1.8	2
1324	Melting and refreezing in an ice shelf basal channel at the grounding line of the Kamb Ice Stream, West Antarctica. Journal of Geophysical Research F: Earth Surface, 0, , .	1.0	3
1325	Factors Influencing Seasonal Changes in Inundation of the Daliyaboyi Oasis, Lower Keriya River Valley, Central Tarim Basin, China. Remote Sensing, 2022, 14, 5050.	1.8	3
1326	Forest Aboveground Biomass Estimation and Response to Climate Change Based on Remote Sensing Data. Sustainability, 2022, 14, 14222.	1.6	6
1327	Land Use/Land Cover Mapping Based on GEE for the Monitoring of Changes in Ecosystem Types in the Upper Yellow River Basin over the Tibetan Plateau. Remote Sensing, 2022, 14, 5361.	1.8	9
1328	Monitoring and Mapping Vegetation Cover Changes in Arid and Semi-Arid Areas Using Remote Sensing Technology: A Review. Remote Sensing, 2022, 14, 5143.	1.8	10
1329	Downscaling land surface temperature with high-resolution image: a difference mean distribution (DMD) post-processing method. Journal of Spatial Science, 2023, 68, 615-630.	1.0	0
1330	Mapping winter rapeseed in South China using Sentinel-2 data based on a novel separability index. Journal of Integrative Agriculture, 2023, 22, 1645-1657.	1.7	2
1331	Comparison of Land Use Land Cover Classifiers Using Different Satellite Imagery and Machine Learning Techniques. Remote Sensing, 2022, 14, 4978.	1.8	41
1332	Impacts of Land Use and Land Cover Changes on Land Surface Temperature over Cachar Region, Northeast India—A Case Study. Sustainability, 2022, 14, 14087.	1.6	8
1333	A Study on the Difference of LULC Classification Results Based on Landsat 8 and Landsat 9 Data. Sustainability, 2022, 14, 13730.	1.6	5

#	Article	IF	Citations
 1334	Spatial analysis of soil quality using geospatial techniques in Botanic Garden of Indian Republic, Noida, Uttar Pradesh, India. Environmental Sustainability, 2022, 5, 471-492.	1.4	4
1335	Land change modeler and CA-Markov chain analysis for land use land cover change using satellite data of Peshawar, Pakistan. Physics and Chemistry of the Earth, 2022, 128, 103286.	1.2	43
1336	Artificial intelligence-based anomaly detection of the Assen iron deposit in South Africa using remote sensing data from the Landsat-8 Operational Land Imager. Artificial Intelligence in Geosciences, 2022, 3, 71-85.	0.9	5
1337	Spatio-temporal development of the urban heat island in a socioeconomically diverse tropical city. Environmental Pollution, 2023, 316, 120443.	3.7	9
1338	Landsat 8 data to an invention a permanent seasonal model of water quality parameters in Tigris River-Iraq. AIP Conference Proceedings, 2022, , .	0.3	0
1339	Geoinformation assessment of spatial distribution and functioning of irrigated lands of the Svetloyarsky District of the Volgograd Region. InterCarto InterGIS, 2022, 28, .	0.1	0
1340	Cartographic analysis of agricultural landscapes of the transition zone of chestnut and light chestnut soils of the Volgograd region. InterCarto InterGIS, 2022, 28, 926-934.	0.1	0
1341	Open Big Earth Observation Data and Artificial Intelligence for the Study and Preservation of UNESCO Natural and Cultural Heritage: The Case of Machu Picchu. , 2022, , 239-264.		0
1342	Appraisal of radiative transfer model 6SV for atmospheric correction of multispectral satellite image towards land surface temperature retrieval. , 2023, , 105-120.		0
1343	Lithology mapping with satellite images, fieldwork-based spectral data, and machine learning algorithms: The case study of Beiras Group (Central Portugal). Catena, 2023, 220, 106653.	2.2	1
1344	KAJIAN DETEKSI DAN PENENTUAN GARIS PANTAI DENGAN METODE TERESTRIS DAN PENGINDRAAN JAUH. , 2019, 2, 1-6.		1
1345	Bayesian atmospheric correction over land: Sentinel-2/MSI and Landsat 8/OLI. Geoscientific Model Development, 2022, 15, 7933-7976.	1.3	10
1346	An Operational Atmospheric Correction Framework for Multi-Source Medium-High-Resolution Remote Sensing Data of China. Remote Sensing, 2022, 14, 5590.	1.8	3
1347	Above-Ground Biomass Estimation for Coniferous Forests in Northern China Using Regression Kriging and Landsat 9 Images. Remote Sensing, 2022, 14, 5734.	1.8	7
1348	The rapid vegetation line shift in response to glacial dynamics and climate variability in Himalaya between 2000 and 2014. Environmental Monitoring and Assessment, 2023, 195, .	1.3	1
1349	The method of forest change detection using Sentinel-2 optical satellite imagery and Sentinel-1 radar imagery: A case study in Dak Nong Province, Vietnam. Biodiversitas, 2022, 23, .	0.2	0
1350	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
1351	DETECTION AND CLASSIFICATION OF VEGETATION AREAS FROM RED AND NEAR INFRARED BANDS OF LANDSAT-8 OPTICAL SATELLITE IMAGE. , 2022, 18, 45-55.		0

ARTICLE IF CITATIONS AnÃ;lise Multitemporal do Espelho d'Ã;gua do Açude Jaburu I por Meio de Ferramentas de Sensoriamento 1352 0.2 0 Remoto nos Anos de 2013 a 2020. Revista Brasileira De Meteorologia, 2022, 37, 233-241. Dynamic population mapping with AutoGluon., 2022, 1, . Remote Sensing Data for Geological Mapping in the Saka Region in Northeast Morocco: An Integrated 1354 2 1.6 Approach. Sustainability, 2022, 14, 15349. Megacities \hat{a} ∈™ environmental assessment for Iraq region using satellite image and geo-spatial tools. 2.7 Environmental Science and Pollution Research, 2023, 30, 30984-31034. ProspecciÃ³n minera de la mineralizaciÃ³n de Ã³xidos de Fe-Mn-Pb en Jbel Skindis (Alto Atlas Oriental,) Tj ETQq0 0 Q rgBT /Overlock 10 T 1356 Comparative evaluation of operational land imager sensor on board landsat 8 and landsat 9 for land 1.7 use land cover mapping over a heterogeneous landscape. Geocarto International, 2023, 38, . TorchGeo., 2022,,. 1358 11 Landsat- and Sentinel-derived glacial lake dataset in the China–Pakistan Economic Corridor from 1990 1359 3.7 to 2020. Earth System Science Data, 2022, 14, 5489-5512. Widespread missing super-emitters of nitrogen oxides across China inferred from year-round satellite 1360 3.9 0 observations. Science of the Total Environment, 2022, , 161157. Near real-time detection of winter cover crop termination using harmonized Landsat and Sentinel-2 2.2 (HLS) to support ecosystem assessment. Science of Remote Sensing, 2023, 7, 100073. Identification and Analysis of Landslides in the Ahai Reservoir Area of the Jinsha River Basin Using a 1362 9 1.8 Combination of DS-InSAR, Optical Images, and Field Surveys. Remote Sensing, 2022, 14, 6274. Mapping dead understorey<i>Buxus hyrcana Pojark</i>using Sentinel-2 and Sentinel-1 data. Forestry, 1.2 2023, 96, 228-248. Contributions of roads to surface temperature: evidence from Southern California. Environmental 1364 0.9 2 Research Communications, 2023, 5, 015004. Measuring Sand Dune Dynamics in the Badain Jaran Desert, China, Using Multitemporal Landsat 1.8 Imagery. Remote Sensing, 2022, 14, 6343. Channel Water Storage Anomaly: A New Remotely Sensed Quantity for Global River Analysis. 1366 1.5 1 Geophysical Research Letters, 2023, 50, . Multispectral Characteristics of Glacier Surface Facies (Chandra-Bhaga Basin, Himalaya, and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.8 Processing Routines. Remote Sensing, 2022, 14, 6311. Inversion and Monitoring of the TP Concentration in Taihu Lake Using the Landsat-8 and Sentinel-2 1368 1.8 7 Images. Remote Sensing, 2022, 14, 6284.

Controls of Land Surface Temperature between and within Local Climate Zones: A Case Study of

Harare in Zimbabwe. Applied Sciences (Switzerland), 2022, 12, 12774.

CITATION REPORT

1.3

#	Article	IF	CITATIONS
1370	These hills called home: quantifying urban forest dynamics in the hills of the Guwahati metropolitan area, india. Geografisk Tidsskrift, 2022, 122, 87-102.	0.4	1
1371	The normalized difference vegetation index (NDVI) of the Zat valley, Marrakech: comparison and dynamics. Heliyon, 2022, 8, e12204.	1.4	1
1372	Using satellite data to assess spatial drivers of bird diversity. Remote Sensing in Ecology and Conservation, 2023, 9, 483-500.	2.2	2
1373	Impact of refined 2D/3D urban morphology on hourly air temperature across different spatial scales in a snow climate city. Urban Climate, 2023, 47, 101404.	2.4	3
1374	Per-Pixel Uncertainty Quantification and Reporting for Satellite-Derived Chlorophyll-a Estimates via Mixture Density Networks. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-18.	2.7	5
1375	Remote sensing techniques for water management and climate change monitoring in drought areas: case studies in Egypt and Tunisia. European Journal of Remote Sensing, 2023, 56, .	1.7	3
1376	Comparison between Parametric and Non-Parametric Supervised Land Cover Classifications of Sentinel-2 MSI and Landsat-8 OLI Data. Geographies, 2023, 3, 82-109.	0.6	4
1377	Prediction of Urban Forest Aboveground Carbon Using Machine Learning Based on Landsat 8 and Sentinel-2: A Case Study of Shanghai, China. Remote Sensing, 2023, 15, 284.	1.8	8
1378	Ten simple rules for working with high resolution remote sensing data. , 0, 3, .		1
1379	Exploring the characteristics and driving forces of orchard expansion in ecological fragile region: A case study of three typical counties in the Loess Plateau. Frontiers in Environmental Science, 0, 10, .	1.5	0
1380	Mapping crop type in Northeast China during 2013–2021 using automatic sampling and tile-based image classification. International Journal of Applied Earth Observation and Geoinformation, 2023, 117, 103178.	0.9	11
1381	A Multiscale Spatiotemporal Fusion Network Based on an Attention Mechanism. Remote Sensing, 2023, 15, 182.	1.8	3
1383	National Land Cover Database 2019: A Comprehensive Strategy for Creating the 1986–2019 Forest Disturbance Product. Journal of Remote Sensing, 2023, 3, .	3.2	1
1384	Mapping and monitoring land dynamics using geospatial techniques on Pathar Pratima Block, South 24 Parganas, India. , 2023, , 299-324.		1
1385	Remote Sensing and Invasive Plants in Coastal Ecosystems: What We Know So Far and Future Prospects. Land, 2023, 12, 341.	1.2	3
1386	Planting Age Identification and Yield Prediction of Apple Orchard Using Time-Series Spectral Endmember and Logistic Growth Model. Remote Sensing, 2023, 15, 642.	1.8	2
1387	Deriving big geochemical data from high-resolution remote sensing data via machine learning: Application to a tailing storage facility in the Witwatersrand goldfields. Artificial Intelligence in Geosciences, 2023, 4, 9-21.	0.9	2
1388	Use of GIS Technologies to Create a Local Geoinformation System for Irrigated Land Accounting. Izvestiya - Atmospheric and Oceanic Physics, 2022, 58, 1633-1641.	0.2	2

#	Article	IF	Citations
# 1389	Digital Soil Mapping Based on Fine Temporal Resolution Landsat Data Produced by Spatiotemporal Fusion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, 16, 3905-3914.	1r 2.3	2
1390	Climatic, land-use and socio-economic factors can predict malaria dynamics at fine spatial scales relevant to local health actors: Evidence from rural Madagascar. PLOS Global Public Health, 2023, 3, e0001607.	0.5	0
1391	Multidecadal evaluation of changes in coffee-growing areas using Landsat data in Central Highlands, Vietnam. Geocarto International, 2023, 38, .	1.7	0
1392	Field-scale evaluation of remote sensing soil moisture retrievals using a multi-satellite approach. Journal of Spatial Science, 0, , 1-22.	1.0	0
1393	Efficient Deep Semantic Segmentation for Land Cover Classification Using Sentinel Imagery. Remote Sensing, 2023, 15, 2027.	1.8	5
1394	Machine learning-based prediction and assessment of recent dynamics of forest net primary productivity in Romania. Journal of Environmental Management, 2023, 334, 117513.	3.8	7
1395	Detecting local climate zone change and its effects on PM10 distribution using fuzzy machine learning in Tehran, Iran. Urban Climate, 2023, 49, 101506.	2.4	1
1396	Inter-annual drought monitoring in northern mixed grasslands by a revised vegetation health index from historical Landsat imagery. Journal of Arid Environments, 2023, 213, 104964.	1.2	1
1397	Field-scale dynamics of planting dates in the US Corn Belt from 2000 to 2020. Remote Sensing of Environment, 2023, 291, 113551.	4.6	0
1398	SPRINT: Spectra Preserving Radiance Image Fusion Technique using holistic deep edge spatial attention and Minnaert guided Bayesian probabilistic model. Signal Processing: Image Communication, 2023, 113, 116920.	1.8	1
1399	Spatio-temporal analysis of urban heat island (UHI) and its effect on urban ecology: The case of Mekelle city, Northern Ethiopia. Heliyon, 2023, 9, e13098.	1.4	6
1400	Modelling, mapping and monitoring of forest cover changes, using support vector machine, kernel logistic regression and naive bayes tree models with optical remote sensing data. Heliyon, 2023, 9, e13212.	1.4	20
1401	Development of an accurate low cost NDVI imaging system for assessing plant health. Plant Methods, 2023, 19, .	1.9	9
1403	Spatio-temporal variation in surface water in Punjab, Pakistan from 1985 to 2020 using machine-learning methods with time-series remote sensing data and driving factors. Agricultural Water Management, 2023, 280, 108228.	2.4	22
1405	SAR-to-Optical Image Translation and Cloud Removal Based on Conditional Generative Adversarial Networks: Literature Survey, Taxonomy, Evaluation Indicators, Limits and Future Directions. Remote Sensing, 2023, 15, 1137.	1.8	9
1406	Ecological environment monitoring for sustainable development goals in Gomishan international wetland, Gorgan Bay, Caspian Sea. Environmental Science and Pollution Research, 2023, 30, 50134-50143.	2.7	1
1407	Spatiotemporal fusion for spectral remote sensing: A statistical analysis and review. Journal of King Saud University - Computer and Information Sciences, 2023, 35, 259-273.	2.7	2
1408	Detection of geothermal potential based on land surface temperature derived from remotely sensed and in-situ data. Geo-Spatial Information Science, 0, , 1-17.	2.4	4

#	Article	IF	CITATIONS
1409	Real-Time Evaluation Method and Implementation of Multi-sensor Dynamic Ranging Capability for UAV. Lecture Notes in Electrical Engineering, 2023, , 878-890.	0.3	0
1410	Assessment of Existing Himalayan Glacier Inventories for Glacier Studies: A Case Study from theÂRavi Basin of North-Western Himalaya (India). , 2023, , 109-134.		0
1411	MCBAM-GAN: The Can Spatiotemporal Fusion Model Based on Multiscale and CBAM for Remote Sensing Images. Remote Sensing, 2023, 15, 1583.	1.8	4
1412	Spatiotemporal patterns of planted forests on the Loess Plateau between 1986 and 2021 based on Landsat NDVI time-series analysis. GIScience and Remote Sensing, 2023, 60, .	2.4	6
1413	Assessment of RXD Algorithm Capability for Gas Flaring Detection through OLI-SWIR Channels. Sustainability, 2023, 15, 5333.	1.6	1
1414	Assessment of drought stress impact on winter wheat using landsat 8 images: comparison of field data and vegetation indices. IOP Conference Series: Earth and Environmental Science, 2023, 1142, 012082.	0.2	Ο
1415	Lake surface temperature retrieved from Landsat satellite series (1984 to 2021) for the North Slave Region. Earth System Science Data, 2023, 15, 1329-1355.	3.7	4
1416	Assessing the impact of urban morphological parameters on land surface temperature in the heat aggregation areas with spatial heterogeneity: A case study of Nanjing. Building and Environment, 2023, 235, 110232.	3.0	3
1417	Enhanced Estimate of Chromophoric Dissolved Organic Matter Using Machine Learning Algorithms from Landsat-8 OLI Data in the Pearl River Estuary. Remote Sensing, 2023, 15, 1963.	1.8	1
1418	Spatiotemporal Variation of Tidal Wetlands Affected by Human Activities during the Past 50 Years: A Case Study of Yueqing Bay in Eastern China. Land, 2023, 12, 851.	1.2	Ο
1419	Coseismic landslides triggered by the 2022 Luding Ms6.8 earthquake, China. Landslides, 2023, 20, 1277-1292.	2.7	5
1420	Protected areas maintain neotropical freshwater bird biodiversity in the face of human activity. Ecological Indicators, 2023, 150, 110256.	2.6	3
1421	Investigating land use land cover changes and their effects on land surface temperature and urban heat islands in Sharqiyah Governorate, Egypt. Egyptian Journal of Remote Sensing and Space Science, 2023, 26, 293-306.	1.1	7
1422	A Need-Finding Study with Users of Geospatial Data. , 2023, , .		2
1457	Efficient Coverage Methods for Earth Observing Tradespace Analysis. , 2023, , .		0
1473	On the Consequences of European Fragmentation. SpringerBriefs in Space Development, 2023, , 71-87.	0.1	Ο
1483	Land use and land cover classification using machine learning algorithms in google earth engine. Earth Science Informatics, 2023, 16, 3057-3073.	1.6	2
1503	LST Quality Evaluation Service for Heterogeneous Earth Observation Data. , 2023, , .		1

#	Article	IF	Citations
1505	Remote sensing for mineral exploration. , 2023, , 17-149.		0
1509	STANet: Spatiotemporal Adaptive Network for Remote Sensing Images. , 2023, , .		0
1519	Intercomparison of Landsat OLI and Terra ASTER solar reflective calibrations using the Radiometric Calibration Network data from Railroad Valley, Nevada. , 2023, , .		0
1522	Wetlands change mapping in Karst area of Citatah, west Bandung Regency using Landsat 8. AlP Conference Proceedings, 2023, , .	0.3	0
1525	Study and Impact Analysis of Data Shift in Deep Learning Based Atmospheric Correction. , 2023, , .		1
1526	Investigation of the Relationship Between Spaceborne TIR Measurements and Near Surface Air Temperature. , 2023, , .		0
1535	Land Use and Land Cover Change Detection Based on Urban Spectral Indices: A Case Study of the Coastal Municipalities of Annaba Province, Algeria. , 2023, , .		0
1537	Remote Sensing and GIS Applications in Wildfires. , 0, , .		0
1546	Determining the Precision of Spectral Patterns Arising from Atmospheric Correction Utilizing MODTRAN-FLAASH and 6S Approaches on High-Resolution SPOT-6 Imagery. , 2023, , .		0
1550	Predicting Maize Yields with Satellite Information. Lecture Notes in Computer Science, 2023, , 187-198.	1.0	0
1560	Bathymetry Retrieval from Hyperspectral Image Using the Channel-wise Spectral Attention Based Convolutional Neural Network. , 2023, , .		0
1563	Hidrologia e monitoramento hidrológico de montanhas tropicais. , 0, , 73-102.		0
1565	Google Earth Engine (GEE) for Modeling and Monitoring Hydrometeorological Events Using Remote Sensing Data. Advances in Environmental Engineering and Green Technologies Book Series, 2023, , 114-134.	0.3	0
1576	Novel Dry Soil and Vegetation Indices to Predict Soil Contents from Landsat 8 Satellite Data. , 2023, , .		0
1587	The Role of City Information Modelling (CIM) in Evaluating the Spatial Correlation Between Vegetation Index Changes and Heat Island Severity in the Last Two Decades in Tehran Metropolis. , 2024, , 111-138.		0
1589	Effect of LULC Changes on Land Surface Temperature. Lecture Notes in Civil Engineering, 2024, , 155-174.	0.3	0