

Le Yu

List of Publications by Year in descending order

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195
papers

11,224
citations

41344

49
h-index

32842

100
g-index

206
all docs

206
docs citations

206
times ranked

11300
citing authors

#	ARTICLE	IF	CITATIONS
1	Finer resolution observation and monitoring of global land cover: first mapping results with Landsat TM and ETM+ data. <i>International Journal of Remote Sensing</i> , 2013, 34, 2607-2654.	2.9	1,263
2	Stable classification with limited sample: transferring a 30-m resolution sample set collected in 2015 to mapping 10-m resolution global land cover in 2017. <i>Science Bulletin</i> , 2019, 64, 370-373.	9.0	761
3	Managing nitrogen to restore water quality in China. <i>Nature</i> , 2019, 567, 516-520.	27.8	667
4	Formation of Onion-Like NiCo ₂ S ₄ Particles via Sequential Ion-Exchange for Hybrid Supercapacitors. <i>Advanced Materials</i> , 2017, 29, 1605051.	21.0	539
5	Coordination Polymers Derived General Synthesis of Multishelled Mixed Metal-Oxide Particles for Hybrid Supercapacitors. <i>Advanced Materials</i> , 2017, 29, 1605902.	21.0	345
6	Deep Learning Based Oil Palm Tree Detection and Counting for High-Resolution Remote Sensing Images. <i>Remote Sensing</i> , 2017, 9, 22.	4.0	284
7	General Formation of MS (M = Ni, Cu, Mn) Box-in-Box Hollow Structures with Enhanced Pseudocapacitive Properties. <i>Advanced Functional Materials</i> , 2014, 24, 7440-7446.	14.9	281
8	China's urban expansion from 1990 to 2010 determined with satellite remote sensing. <i>Science Bulletin</i> , 2012, 57, 2802-2812.	1.7	265
9	Google Earth as a virtual globe tool for Earth science applications at the global scale: progress and perspectives. <i>International Journal of Remote Sensing</i> , 2012, 33, 3966-3986.	2.9	257
10	Mapping global urban boundaries from the global artificial impervious area (GAIA) data. <i>Environmental Research Letters</i> , 2020, 15, 094044.	5.2	240
11	Global urban expansion offsets climate-driven increases in terrestrial net primary productivity. <i>Nature Communications</i> , 2019, 10, 5558.	12.8	198
12	Spatial multi-objective land use optimization: extensions to the non-dominated sorting genetic algorithm-II. <i>International Journal of Geographical Information Science</i> , 2011, 25, 1949-1969.	4.8	176
13	Towards automatic lithological classification from remote sensing data using support vector machines. <i>Computers and Geosciences</i> , 2012, 45, 229-239.	4.2	162
14	Automated mapping of soybean and corn using phenology. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016, 119, 151-164.	11.1	156
15	Towards a common validation sample set for global land-cover mapping. <i>International Journal of Remote Sensing</i> , 2014, 35, 4795-4814.	2.9	154
16	Improving 30m global land-cover map FROM-GLC with time series MODIS and auxiliary data sets: a segmentation-based approach. <i>International Journal of Remote Sensing</i> , 2013, 34, 5851-5867.	2.9	146
17	Detailed dynamic land cover mapping of Chile: Accuracy improvement by integrating multi-temporal data. <i>Remote Sensing of Environment</i> , 2016, 183, 170-185.	11.0	146
18	Stacked Autoencoder-based deep learning for remote-sensing image classification: a case study of African land-cover mapping. <i>International Journal of Remote Sensing</i> , 2016, 37, 5632-5646.	2.9	142

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19	Semantic Segmentation-Based Building Footprint Extraction Using Very High-Resolution Satellite Images and Multi-Source GIS Data. <i>Remote Sensing</i> , 2019, 11, 403.	4.0	135
20	Meta-discoveries from a synthesis of satellite-based land-cover mapping research. <i>International Journal of Remote Sensing</i> , 2014, 35, 4573-4588.	2.9	130
21	A fast and fully automatic registration approach based on point features for multi-source remote-sensing images. <i>Computers and Geosciences</i> , 2008, 34, 838-848.	4.2	129
22	FROM-GC: 30 m global cropland extent derived through multisource data integration. <i>International Journal of Digital Earth</i> , 2013, 6, 521-533.	3.9	123
23	A multi-resolution global land cover dataset through multisource data aggregation. <i>Science China Earth Sciences</i> , 2014, 57, 2317-2329.	5.2	116
24	The 2020 China report of the Lancet Countdown on health and climate change. <i>Lancet Public Health</i> , The, 2021, 6, e64-e81.	10.0	106
25	The first all-season sample set for mapping global land cover with Landsat-8 data. <i>Science Bulletin</i> , 2017, 62, 508-515.	9.0	104
26	Mapping global land cover in 2001 and 2010 with spatial-temporal consistency at 250m resolution. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 103, 38-47.	11.1	99
27	Quantization of the coupling mechanism between eco-environmental quality and urbanization from multisource remote sensing data. <i>Journal of Cleaner Production</i> , 2021, 321, 128948.	9.3	98
28	Large-Scale Oil Palm Tree Detection from High-Resolution Satellite Images Using Two-Stage Convolutional Neural Networks. <i>Remote Sensing</i> , 2019, 11, 11.	4.0	93
29	Oxygen vacancy-enriched MoO ₃ nanobelts for asymmetric supercapacitors with excellent room/low temperature performance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13205-13214.	10.3	92
30	Growing status observation for oil palm trees using Unmanned Aerial Vehicle (UAV) images. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 173, 95-121.	11.1	91
31	A systematic sensitivity analysis of constrained cellular automata model for urban growth simulation based on different transition rules. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1317-1335.	4.8	79
32	Integrating Google Earth imagery with Landsat data to improve 30-m resolution land cover mapping. <i>Remote Sensing of Environment</i> , 2020, 237, 111563.	11.0	79
33	A new research paradigm for global land cover mapping. <i>Annals of GIS</i> , 2016, 22, 87-102.	3.1	77
34	Cost-effective priorities for the expansion of global terrestrial protected areas: Setting post-2020 global and national targets. <i>Science Advances</i> , 2020, 6, .	10.3	76
35	Assessing the Impacts of Extreme Agricultural Droughts in China Under Climate and Socioeconomic Changes. <i>Earth's Future</i> , 2018, 6, 689-703.	6.3	72
36	Tracking annual cropland changes from 1984 to 2016 using time-series Landsat images with a change-detection and post-classification approach: Experiments from three sites in Africa. <i>Remote Sensing of Environment</i> , 2018, 218, 13-31.	11.0	71

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37	Progress and Trends in the Application of Google Earth and Google Earth Engine. <i>Remote Sensing</i> , 2021, 13, 3778.	4.0	71
38	Mapping geochemical singularity using multifractal analysis: Application to anomaly definition on stream sediments data from Funin Sheet, Yunnan, China. <i>Journal of Geochemical Exploration</i> , 2010, 104, 1-11.	3.2	69
39	A cellular automata downscaling based 1 km global land use datasets (2010-2100). <i>Science Bulletin</i> , 2016, 61, 1651-1661.	9.0	68
40	Green Spaces as an Indicator of Urban Health: Evaluating Its Changes in 28 Mega-Cities. <i>Remote Sensing</i> , 2017, 9, 1266.	4.0	67
41	Annual 30-m land use/land cover maps of China for 1980-2015 from the integration of AVHRR, MODIS and Landsat data using the BFAST algorithm. <i>Science China Earth Sciences</i> , 2020, 63, 1390-1407.	5.2	64
42	Identifying patterns and hotspots of global land cover transitions using the ESA CCI Land Cover dataset. <i>Remote Sensing Letters</i> , 2018, 9, 972-981.	1.4	63
43	How does urban expansion interact with cropland loss? A comparison of 14 Chinese cities from 1980 to 2015. <i>Landscape Ecology</i> , 2021, 36, 243-263.	4.2	62
44	An Overview of the Applications of Earth Observation Satellite Data: Impacts and Future Trends. <i>Remote Sensing</i> , 2022, 14, 1863.	4.0	61
45	A generalization of spatial and temporal fusion methods for remotely sensed surface parameters. <i>International Journal of Remote Sensing</i> , 2015, 36, 4411-4445.	2.9	56
46	Distribution of ecological restoration projects associated with land use and land cover change in China and their ecological impacts. <i>Science of the Total Environment</i> , 2022, 825, 153938.	8.0	56
47	A segment derived patch-based logistic cellular automata for urban growth modeling with heuristic rules. <i>Computers, Environment and Urban Systems</i> , 2017, 65, 140-149.	7.1	53
48	Multi-scale evaluation of light use efficiency in MODIS gross primary productivity for croplands in the Midwestern United States. <i>Agricultural and Forest Meteorology</i> , 2015, 201, 111-119.	4.8	51
49	Cross-regional oil palm tree counting and detection via a multi-level attention domain adaptation network. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 167, 154-177.	11.1	51
50	A Production Efficiency Model-Based Method for Satellite Estimates of Corn and Soybean Yields in the Midwestern US. <i>Remote Sensing</i> , 2013, 5, 5926-5943.	4.0	50
51	Long-Term Annual Mapping of Four Cities on Different Continents by Applying a Deep Information Learning Method to Landsat Data. <i>Remote Sensing</i> , 2018, 10, 471.	4.0	50
52	Annual oil palm plantation maps in Malaysia and Indonesia from 2001 to 2016. <i>Earth System Science Data</i> , 2020, 12, 847-867.	9.9	50
53	Comparison of country-level cropland areas between ESA-CCI land cover maps and FAOSTAT data. <i>International Journal of Remote Sensing</i> , 2018, 39, 6631-6645.	2.9	49
54	Towards the automatic selection of optimal seam line locations when merging optical remote-sensing images. <i>International Journal of Remote Sensing</i> , 2012, 33, 1000-1014.	2.9	45

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55	Design of multiple electrode structures based on nano Ni ₃ S ₂ and carbon nanotubes for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7406-7414.	10.3	45
56	Comparisons of three recent moderate resolution African land cover datasets: CGLS-LC100, ESA-S2-LC20, and FROM-GLC-Africa30. <i>International Journal of Remote Sensing</i> , 2019, 40, 6185-6202.	2.9	43
57	Oil palm mapping using Landsat and PALSAR: a case study in Malaysia. <i>International Journal of Remote Sensing</i> , 2016, 37, 5431-5442.	2.9	41
58	The 2021 China report of the Lancet Countdown on health and climate change: seizing the window of opportunity. <i>Lancet Public Health</i> , The, 2021, 6, e932-e947.	10.0	41
59	Monitoring surface mining belts using multiple remote sensing datasets: A global perspective. <i>Ore Geology Reviews</i> , 2018, 101, 675-687.	2.7	40
60	High resolution crop intensity mapping using harmonized Landsat-8 and Sentinel-2 data. <i>Journal of Integrative Agriculture</i> , 2019, 18, 2883-2897.	3.5	40
61	A multiple crop model ensemble for improving broad-scale yield prediction using Bayesian model averaging. <i>Field Crops Research</i> , 2017, 211, 114-124.	5.1	39
62	Exploring Annual Urban Expansions in the Guangdong-Hong Kong-Macau Greater Bay Area: Spatiotemporal Features and Driving Factors in 1986–2017. <i>Remote Sensing</i> , 2020, 12, 2615.	4.0	39
63	A 30m terrace mapping in China using Landsat 8 imagery and digital elevation model based on the Google Earth Engine. <i>Earth System Science Data</i> , 2021, 13, 2437-2456.	9.9	39
64	Geographic stacking: Decision fusion to increase global land cover map accuracy. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 103, 57-65.	11.1	38
65	Rapid corn and soybean mapping in US Corn Belt and neighboring areas. <i>Scientific Reports</i> , 2016, 6, 36240.	3.3	38
66	A Circa 2010 Thirty Meter Resolution Forest Map for China. <i>Remote Sensing</i> , 2014, 6, 5325-5343.	4.0	37
67	Long-Term Post-Disturbance Forest Recovery in the Greater Yellowstone Ecosystem Analyzed Using Landsat Time Series Stack. <i>Remote Sensing</i> , 2016, 8, 898.	4.0	37
68	The Evaluation of SMAP Enhanced Soil Moisture Products Using High-Resolution Model Simulations and In-Situ Observations on the Tibetan Plateau. <i>Remote Sensing</i> , 2018, 10, 535.	4.0	37
69	Comparison of the Spatial Characteristics of Four Remotely Sensed Leaf Area Index Products over China: Direct Validation and Relative Uncertainties. <i>Remote Sensing</i> , 2018, 10, 148.	4.0	35
70	Long-Term Land Cover Dynamics (1986–2016) of Northeast China Derived from a Multi-Temporal Landsat Archive. <i>Remote Sensing</i> , 2019, 11, 599.	4.0	35
71	Investigation of land surface phenology detections in shrublands using multiple scale satellite data. <i>Remote Sensing of Environment</i> , 2021, 252, 112133.	11.0	35
72	Mapping finer-resolution land surface emissivity using Landsat images in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6764-6781.	3.3	34

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73	Multi-scale habitat selection by two declining East Asian waterfowl species at their core spring stopover area. <i>Ecological Indicators</i> , 2018, 87, 127-135.	6.3	34
74	Global-Scale Associations of Vegetation Phenology with Rainfall and Temperature at a High Spatio-Temporal Resolution. <i>Remote Sensing</i> , 2014, 6, 7320-7338.	4.0	33
75	Land cover mapping and data availability in critical terrestrial ecoregions: A global perspective with Landsat thematic mapper and enhanced thematic mapper plus data. <i>Biological Conservation</i> , 2015, 190, 34-42.	4.1	33
76	Mapping the maximum extents of urban green spaces in 1039 cities using dense satellite images. <i>Environmental Research Letters</i> , 2021, 16, 064072.	5.2	32
77	The divergent response of vegetation phenology to urbanization: A case study of Beijing city, China. <i>Science of the Total Environment</i> , 2022, 803, 150079.	8.0	30
78	Contrasting Effects of Temperature and Precipitation on Vegetation Greenness along Elevation Gradients of the Tibetan Plateau. <i>Remote Sensing</i> , 2020, 12, 2751.	4.0	29
79	FROM-GLC Plus: toward near real-time and multi-resolution land cover mapping. <i>GIScience and Remote Sensing</i> , 2022, 59, 1026-1047.	5.9	29
80	Monitoring cropland changes along the Nile River in Egypt over past three decades (1984â€“2015) using remote sensing. <i>International Journal of Remote Sensing</i> , 2017, 38, 4459-4480.	2.9	27
81	Spatial distribution of usable biomass feedstock and technical bioenergy potential in China. <i>GCB Bioenergy</i> , 2020, 12, 54-70.	5.6	27
82	Mapping oil palm extent in Malaysia using ALOS-2 PALSAR-2 data. <i>International Journal of Remote Sensing</i> , 2018, 39, 432-452.	2.9	26
83	Fire enhances forest degradation within forest edge zones in Africa. <i>Nature Geoscience</i> , 2021, 14, 479-483.	12.9	26
84	Circa 2014 African land-cover maps compatible with FROM-GLC and GLC2000 classification schemes based on multi-seasonal Landsat data. <i>International Journal of Remote Sensing</i> , 2016, 37, 4648-4664.	2.9	25
85	A multiple dataset approach for 30-m resolution land cover mapping: a case study of continental Africa. <i>International Journal of Remote Sensing</i> , 2018, 39, 3926-3938.	2.9	25
86	Oil palm plantation mapping from high-resolution remote sensing images using deep learning. <i>International Journal of Remote Sensing</i> , 2020, 41, 2022-2046.	2.9	25
87	An all-season sample database for improving land-cover mapping of Africa with two classification schemes. <i>International Journal of Remote Sensing</i> , 2016, 37, 4623-4647.	2.9	24
88	Awareness of Sustainable Development Goals among Students from a Chinese Senior High School. <i>Education Sciences</i> , 2021, 11, 458.	2.6	24
89	Annual dynamic dataset of global cropping intensity from 2001 to 2019. <i>Scientific Data</i> , 2021, 8, 283.	5.3	24
90	Global urbanicity is associated with brain and behaviour in young people. <i>Nature Human Behaviour</i> , 2022, 6, 279-293.	12.0	24

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91	A global map of planting years of plantations. <i>Scientific Data</i> , 2022, 9, 141.	5.3	24
92	Aggregative model-based classifier ensemble for improving land-use/cover classification of Landsat TM Images. <i>International Journal of Remote Sensing</i> , 2014, 35, 1481-1495.	2.9	23
93	Assessment of the cropland classifications in four global land cover datasets: A case study of Shaanxi Province, China. <i>Journal of Integrative Agriculture</i> , 2017, 16, 298-311.	3.5	23
94	Towards global oil palm plantation mapping using remote-sensing data. <i>International Journal of Remote Sensing</i> , 2018, 39, 5891-5906.	2.9	23
95	A Real-Time Tree Crown Detection Approach for Large-Scale Remote Sensing Images on FPGAs. <i>Remote Sensing</i> , 2019, 11, 1025.	4.0	23
96	Improving Landsat ETM+ Urban Area Mapping via Spatial and Angular Fusion With MISR Multi-Angle Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012, 5, 101-109.	4.9	22
97	Scaling up spring phenology derived from remote sensing images. <i>Agricultural and Forest Meteorology</i> , 2018, 256-257, 207-219.	4.8	21
98	Precision medicine and global mental health. <i>The Lancet Global Health</i> , 2019, 7, e32.	6.3	21
99	One-third of lands face high conflict risk between biodiversity conservation and human activities in China. <i>Journal of Environmental Management</i> , 2021, 299, 113449.	7.8	21
100	Assessing spatiotemporal variations and predicting changes in ecosystem service values in the Guangdong-Hong Kong-Macao Greater Bay Area. <i>GIScience and Remote Sensing</i> , 2022, 59, 184-199.	5.9	21
101	Ten years after Hurricane Katrina: monitoring recovery in New Orleans and the surrounding areas using remote sensing. <i>Science Bulletin</i> , 2016, 61, 1460-1470.	9.0	20
102	High Resolution Mapping of Cropping Cycles by Fusion of Landsat and MODIS Data. <i>Remote Sensing</i> , 2017, 9, 1232.	4.0	20
103	Wrapping RGO/MoO ₂ /carbon textile as supercapacitor electrode with enhanced flexibility and areal capacitance. <i>Electrochimica Acta</i> , 2018, 282, 784-791.	5.2	20
104	A fine-resolution estimation of the biomass resource potential across China from 2020 to 2100. <i>Resources, Conservation and Recycling</i> , 2022, 176, 105944.	10.8	19
105	A 30 meter land cover mapping of China with an efficient clustering algorithm CBEST. <i>Science China Earth Sciences</i> , 2014, 57, 2293-2304.	5.2	18
106	Using a global reference sample set and a cropland map for area estimation in China. <i>Science China Earth Sciences</i> , 2017, 60, 277-285.	5.2	18
107	Evaluation of the Common Land Model (CoLM) from the Perspective of Water and Energy Budget Simulation: Towards Inclusion in CMIP6. <i>Atmosphere</i> , 2017, 8, 141.	2.3	18
108	The spatial-temporal patterns of land cover changes due to mining activities in the Darling Range, Western Australia: A Visual Analytics Approach. <i>Ore Geology Reviews</i> , 2019, 108, 23-32.	2.7	18

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109	Assessment of the potential and distribution of an energy crop at 1-km resolution from 2010 to 2100 in China – The case of sweet sorghum. <i>Applied Energy</i> , 2019, 239, 395-407.	10.1	18
110	Significant Land Contributions to Interannual Predictability of East Asian Summer Monsoon Rainfall. <i>Earth's Future</i> , 2021, 9, e2020EF001762.	6.3	18
111	A 1-km global cropland dataset from 10000 BCE to 2100 CE. <i>Earth System Science Data</i> , 2021, 13, 5403-5421.	1.3	18
112	Deep convolutional neural network based large-scale oil palm tree detection for high-resolution remote sensing images. , 2017, , .		17
113	Assessing spectral indices to estimate the fraction of photosynthetically active radiation absorbed by the vegetation canopy. <i>International Journal of Remote Sensing</i> , 2018, 39, 8022-8040.	2.9	17
114	Estimating the Aboveground Biomass for Planted Forests Based on Stand Age and Environmental Variables. <i>Remote Sensing</i> , 2019, 11, 2270.	4.0	17
115	Mapping oil palm plantation expansion in Malaysia over the past decade (2007–2016) using ALOS-1/2 PALSAR-1/2 data. <i>International Journal of Remote Sensing</i> , 2019, 40, 7389-7408.	2.9	17
116	Monitoring Crop Growth During the Period of the Rapid Spread of COVID-19 in China by Remote Sensing. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 6195-6205.	4.9	17
117	Synergy of Active and Passive Remote Sensing Data for Effective Mapping of Oil Palm Plantation in Malaysia. <i>Forests</i> , 2020, 11, 858.	2.1	17
118	The land footprint of the global food trade: Perspectives from a case study of soybeans. <i>Land Use Policy</i> , 2021, 111, 105764.	5.6	17
119	Contrasting influences of biogeophysical and biogeochemical impacts of historical land use on global economic inequality. <i>Nature Communications</i> , 2022, 13, 2479.	12.8	16
120	Towards a global oil palm sample database: design and implications. <i>International Journal of Remote Sensing</i> , 2017, 38, 4022-4032.	2.9	15
121	Analyzing land use intensity changes within and outside protected areas using ESA CCI-LC datasets. <i>Global Ecology and Conservation</i> , 2019, 20, e00789.	2.1	15
122	Improved Mapping Results of 10 m Resolution Land Cover Classification in Guangdong, China Using Multisource Remote Sensing Data With Google Earth Engine. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 5384-5397.	4.9	15
123	Identifying ecosystem service value and potential loss of wilderness areas in China to support post-2020 global biodiversity conservation. <i>Science of the Total Environment</i> , 2022, 846, 157348.	8.0	15
124	Suppression of vegetation in multispectral remote sensing images. <i>International Journal of Remote Sensing</i> , 2011, 32, 7343-7357.	2.9	14
125	Climate effects of the GlobeLand30 land cover dataset on the Beijing Climate Center climate model simulations. <i>Science China Earth Sciences</i> , 2016, 59, 1754-1764.	5.2	14
126	Exploring the potential role of feature selection in global land-cover mapping. <i>International Journal of Remote Sensing</i> , 2016, 37, 5491-5504.	2.9	14

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127	Difficult to map regions in 30 m global land cover mapping determined with a common validation dataset. <i>International Journal of Remote Sensing</i> , 2018, 39, 4077-4087.	2.9	14
128	Spatial-temporal patterns of features selected using random forests: a case study of corn and soybeans mapping in the US. <i>International Journal of Remote Sensing</i> , 2019, 40, 269-283.	2.9	14
129	Improving 3-m Resolution Land Cover Mapping through Efficient Learning from an Imperfect 10-m Resolution Map. <i>Remote Sensing</i> , 2020, 12, 1418.	4.0	14
130	Recent expansion of oil palm plantations into carbon-rich forests. <i>Nature Sustainability</i> , 2022, 5, 574-577.	23.7	14
131	Parallel Multiclass Support Vector Machine for Remote Sensing Data Classification on Multicore and Many-Core Architectures. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 4387-4398.	4.9	13
132	Exploring difference in land surface temperature between the city centres and urban expansion areas of China's major cities. <i>International Journal of Remote Sensing</i> , 2020, 41, 8965-8985.	2.9	13
133	Carbonaceous aerosol emission reduction over Shandong province and the impact of air pollution control as observed from synthetic satellite data. <i>Atmospheric Environment</i> , 2020, 222, 117150.	4.1	12
134	Efficient biosynthesis of nucleoside cytokinin angustmycin A containing an unusual sugar system. <i>Nature Communications</i> , 2021, 12, 6633.	12.8	12
135	Climate response to introduction of the ESA CCI land cover data to the NCAR CESM. <i>Climate Dynamics</i> , 2021, 56, 4109-4127.	3.8	11
136	Characteristics of Greening along Altitudinal Gradients on the Qinghai-Tibet Plateau Based on Time-Series Landsat Images. <i>Remote Sensing</i> , 2022, 14, 2408.	4.0	11
137	Cross-Regional Oil Palm Tree Detection. , 2020, , .		10
138	A CNN-Based Self-Supervised Synthetic Aperture Radar Image Denoising Approach. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-15.	6.3	10
139	Analysis and Simulation of Geomagnetic Map Suitability Based on Vague Set. <i>Journal of Navigation</i> , 2016, 69, 1114-1124.	1.7	9
140	Assessing and Improving the Reliability of Volunteered Land Cover Reference Data. <i>Remote Sensing</i> , 2017, 9, 1034.	4.0	9
141	Abnormal phosphorylation of tau protein and neuroinflammation induced by laparotomy in an animal model of postoperative delirium. <i>Experimental Brain Research</i> , 2021, 239, 867-880.	1.5	9
142	Accuracy comparison and driving factor analysis of LULC changes using multi-source time-series remote sensing data in a coastal area. <i>Ecological Informatics</i> , 2021, 66, 101457.	5.2	9
143	Construction Method of the Topographical Features Model for Underwater Terrain Navigation. <i>Polish Maritime Research</i> , 2015, 22, 121-125.	1.9	8
144	A Fully Automatic Method to Extract Rare Earth Mining Areas from Landsat Images. <i>Photogrammetric Engineering and Remote Sensing</i> , 2016, 82, 729-737.	0.6	8

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145	Harnessing synthetic biology-based strategies for engineered biosynthesis of nucleoside natural products in actinobacteria. <i>Biotechnology Advances</i> , 2021, 46, 107673.	11.7	8
146	A large-scale, long time-series (1984â€²2020) of soybean mapping with phenological features: Heilongjiang Province as a test case. <i>International Journal of Remote Sensing</i> , 2021, 42, 7332-7356.	2.9	8
147	The Accuracy of Winter Wheat Identification at Different Growth Stages Using Remote Sensing. <i>Remote Sensing</i> , 2022, 14, 893.	4.0	8
148	Exploring the temporal density of Landsat observations for cropland mapping: experiments from Egypt, Ethiopia, and South Africa. <i>International Journal of Remote Sensing</i> , 2018, 39, 7328-7349.	2.9	7
149	Exploring intra-annual variation in cropland classification accuracy using monthly, seasonal, and yearly sample set. <i>International Journal of Remote Sensing</i> , 0, , 1-16.	2.9	7
150	Livestock farmersâ€™ perception and adaptation to climate change: panel evidence from pastoral areas in China. <i>Climatic Change</i> , 2021, 164, 1.	3.6	7
151	Towards an open and synergistic framework for mapping global land cover. <i>PeerJ</i> , 2021, 9, e11877.	2.0	7
152	Fast and robust detection of oil palm trees using high-resolution remote sensing images. , 2019, , .		7
153	Mineral composition of the Martian Gale and Nili Fossae regions from Mars Reconnaissance Orbiter CRISM images. <i>Planetary and Space Science</i> , 2018, 163, 97-105.	1.7	6
154	Spatiotemporal crop NDVI responses to climatic factors in mainland China. <i>International Journal of Remote Sensing</i> , 2019, 40, 89-103.	2.9	6
155	Reducing human pressure on farmland could rescue Chinaâ€™s declining wintering geese. <i>Movement Ecology</i> , 2020, 8, 35.	2.8	6
156	Sustainable Development Goals (SDGs) Priorities of Senior High School Students and Global Public: Recommendations for Implementing Education for Sustainable Development (ESD). <i>Education Research International</i> , 2022, 2022, 1-14.	1.1	6
157	Intermodality models in pan-sharpening: analysis based on remote sensing physics. <i>International Journal of Remote Sensing</i> , 2014, 35, 515-531.	2.9	5
158	Exploring the performance of spatio-temporal assimilation in an urban cellular automata model. <i>International Journal of Geographical Information Science</i> , 2017, 31, 2195-2215.	4.8	5
159	Exploring the addition of Landsat 8 thermal band in land-cover mapping. <i>International Journal of Remote Sensing</i> , 2019, 40, 4544-4559.	2.9	5
160	Multisource-Domain Generalization-Based Oil Palm Tree Detection Using Very-High-Resolution (VHR) Satellite Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	5
161	Evaluation of Future Impacts of Climate Change, CO ₂ , and Land Use Cover Change on Global Net Primary Productivity Using a Processed Model. <i>Land</i> , 2021, 10, 365.	2.9	5
162	Coconut Trees Detection on the Tenarunga Using High-Resolution Satellite Images and Deep Learning. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
163	Nighttime lights, urban features, household poverty, depression, and obesity. <i>Current Psychology</i> , 2023, 42, 15453-15464.	2.8	5
164	Mapping spatial-temporal nationwide soybean planting area in Argentina using Google Earth Engine. <i>International Journal of Remote Sensing</i> , 2022, 43, 1724-1748.	2.9	5
165	On the Growth and Detectability of Land Plants on Habitable Planets around M Dwarfs. <i>Astrobiology</i> , 2017, 17, 1219-1232.	3.0	4
166	Semantic segmentation based large-scale oil palm plantation detection using high-resolution satellite images. , 2019, , .		4
167	Exploring the correlations between ten monthly climatic variables and the vegetation index of four different crop types at the global scale. <i>Remote Sensing Letters</i> , 2017, 8, 752-760.	1.4	3
168	An Integrated Land Cover Mapping Method Suitable for Low-Accuracy Areas in Global Land Cover Maps. <i>Remote Sensing</i> , 2019, 11, 1777.	4.0	3
169	Coupled modelling and sampling approaches to assess the impacts of human water management on land-sea carbon transfer. <i>Science of the Total Environment</i> , 2020, 701, 134735.	8.0	3
170	Identifying Potential Cropland Losses When Conserving 30% and 50% Earth with Different Approaches and Spatial Scales. <i>Land</i> , 2021, 10, 704.	2.9	3
171	Automatic registration for ASAR and TM images based on region features. , 2007, , .		2
172	Characteristics of Remote Sensing Emission Spectra of Composite Igneous Rocks. , 2008, , .		2
173	Variational model-based very high spatial resolution remote sensing image fusion. <i>Journal of Applied Remote Sensing</i> , 2014, 8, 083565.	1.3	2
174	A sampling workflow based on unsupervised clusters and multi-temporal sample interpretation (UCMT) for cropland mapping. <i>Remote Sensing Letters</i> , 2018, 9, 952-961.	1.4	2
175	A structured approach to the analysis of remote sensing images. <i>International Journal of Remote Sensing</i> , 2019, 40, 7874-7897.	2.9	2
176	Matching area selection of an underwater terrain navigation database with fuzzy multi-attribute decision making method. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2019, 233, 1133-1140.	0.5	2
177	Cropland heterogeneity changes on the Northeast China Plain in the last three decades (1980s–2010s). <i>PeerJ</i> , 2020, 8, e9835.	2.0	2
178	Conjugate Gradient Method Neural Network for Medium Resolution Remote Sensing Image Classification. <i>Communications in Computer and Information Science</i> , 2011, , 264-270.	0.5	2
179	Domain adversarial neural network-based oil palm detection using high-resolution satellite images. , 2020, , .		2
180	Global relative ecosystem service budget mapping using the Google Earth Engine and land cover datasets. <i>Environmental Research Communications</i> , 2022, 4, 065002.	2.3	2

#	ARTICLE	IF	CITATIONS
181	Open Geospatial Information Services Chaining Based on OGC Specifications and Processing Model. , 2008, , .		1
182	A Standard Based Spatial Information Service Model for Adaptive Services Chaining. , 2008, , .		1
183	A fast removal method of thin cloud/haze cover for optical remote sensing images based on multi-fractal. Proceedings of SPIE, 2011, , .	0.8	1
184	Network Security Evaluation Model Based on Cloud Computing. Communications in Computer and Information Science, 2012, , 488-495.	0.5	1
185	Oil palm modelling in the global land surface model ORCHIDEE-MICT. Geoscientific Model Development, 2021, 14, 4573-4592.	3.6	1
186	Evaluating the Farmland Use Intensity and Its Patterns in a Farmingâ€™Pastoral Ecotone of Northern China. Remote Sensing, 2021, 13, 4304.	4.0	1
187	Jujubecake: An Extension of LSTM Considering Correlation among Input Blocks. , 2020, , .		1
188	Soybean EOS Spatiotemporal Characteristics and Their Climate Drivers in Global Major Regions. Remote Sensing, 2022, 14, 1867.	4.0	1
189	Implementation of data node in spatial information grid based on WS resource framework and WS notification. , 2006, , .		0
190	Monitoring Land Subsidence by Using Multi-temporal Differential SAR Interferometry: A Use Case in Jiaxing, China. , 2008, , .		0
191	Forward XPath rewriting over XML data streams. , 2009, , .		0
192	A study of PS-InSAR method for small area urban land subsidence. , 2010, , .		0
193	Urban-Expansion Driven Farmland Loss Follows with the Environmental Kuznets Curve Hypothesis: Evidence from Temporal Analysis in Beijing, China. Communications in Computer and Information Science, 2020, , 394-412.	0.5	0
194	Global Change of Land-Sparing and Land-Sharing Patterns over the Past 30 Years: Evidence from Remote Sensing and Statistics. Remote Sensing, 2021, 13, 5090.	4.0	0
195	A study of the serious conflicts between oil palm expansion and biodiversity conservation using high-resolution remote sensing. Remote Sensing Letters, 2023, 14, 654-668.	1.4	0