Peng Gong

List of Publications by Year in descending order

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Version: 2024-02-01

391 papers	35,164 citations	5891 81 h-index	4223 174 g-index
407 all docs	407 docs citations	407 times ranked	30773 citing authors

#	Article	IF	Citations
1	Safeguarding human health in the Anthropocene epoch: report of The Rockefeller Foundationâ€“Lancet Commission on planetary health. Lancet, The, 2015, 386, 1973-2028.	6.3	1,703
2	Health and climate change: policy responses to protect public health. Lancet, The, 2015, 386, 1861-1914.	6.3	1,311
3	Finer resolution observation and monitoring of global land cover: first mapping results with Landsat TM and ETM+ data. International Journal of Remote Sensing, 2013, 34, 2607-2654.	1.3	1,263
4	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. Lancet, The, 2021, 397, 129-170.	6.3	1,030
5	Urbanisation and health in China. Lancet, The, 2012, 379, 843-852.	6.3	930
6	The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate. Lancet, The, 2019, 394, 1836-1878.	6.3	905
7	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. Lancet, The, 2018, 391, 581-630.	6.3	802
8	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. Science Bulletin, 2019, 64, 370-373.	4.3	761
9	The impacts of climate change and human activities on biogeochemical cycles on the <scp>Q</scp>inghaiâ€<scp>T</scp>ibetan <scp>P</scp>lateau. Global Change Biology, 2013, 19, 2940-2955.	4.2	670
10	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. Lancet, The, 2021, 398, 1619-1662.	6.3	669
11	Managing nitrogen to restore water quality in China. Nature, 2019, 567, 516-520.	13.7	667
12	Object-based Detailed Vegetation Classification with Airborne High Spatial Resolution Remote Sensing Imagery. Photogrammetric Engineering and Remote Sensing, 2006, 72, 799-811.	0.3	632
13	The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come. Lancet, The, 2018, 392, 2479-2514.	6.3	595
14	Annual maps of global artificial impervious area (GAIA) between 1985 and 2018. Remote Sensing of Environment, 2020, 236, 111510.	4.6	535
15	Quantifying air pollution removal by green roofs in Chicago. Atmospheric Environment, 2008, 42, 7266-7273.	1.9	526
16	Global supply-chain effects of COVID-19 control measures. Nature Human Behaviour, 2020, 4, 577-587.	6.2	521
17	Isolating Individual Trees in a Savanna Woodland Using Small Footprint Lidar Data. Photogrammetric Engineering and Remote Sensing, 2006, 72, 923-932.	0.3	431
18	Near-real-time monitoring of global CO2 emissions reveals the effects of the COVID-19 pandemic. Nature Communications, 2020, 11, 5172.	5.8	420

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19	Mapping global cropland and field size. Global Change Biology, 2015, 21, 1980-1992.	4.2	404
20	High-spatiotemporal-resolution mapping of global urban change from 1985 to 2015. Nature Sustainability, 2020, 3, 564-570.	11.5	391
21	MODIS detected surface urban heat islands and sinks: Global locations and controls. Remote Sensing of Environment, 2013, 134, 294-304.	4.6	362
22	The role of satellite remote sensing in climate change studies. Nature Climate Change, 2013, 3, 875-883.	8.1	350
23	40-Year (1978â€“2017) human settlement changes in China reflected by impervious surfaces from satellite remote sensing. Science Bulletin, 2019, 64, 756-763.	4.3	319
24	Mapping major land cover dynamics in Beijing using all Landsat images in Google Earth Engine. Remote Sensing of Environment, 2017, 202, 166-176.	4.6	303
25	Comparison of Classification Algorithms and Training Sample Sizes in Urban Land Classification with Landsat Thematic Mapper Imagery. Remote Sensing, 2014, 6, 964-983.	1.8	299
26	Mapping Urban Land Use by Using Landsat Images and Open Social Data. Remote Sensing, 2016, 8, 151.	1.8	292
27	The Lancet Countdown: tracking progress on health and climate change. Lancet, The, 2017, 389, 1151-1164.	6.3	292
28	Estimation of forest leaf area index using vegetation indices derived from hyperion hyperspectral data. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 1355-1362.	2.7	288
29	A 30-year (1984â€“2013) record of annual urban dynamics of Beijing City derived from Landsat data. Remote Sensing of Environment, 2015, 166, 78-90.	4.6	283
30	Individual Tree-Crown Delineation and Treetop Detection in High-Spatial-Resolution Aerial Imagery. Photogrammetric Engineering and Remote Sensing, 2004, 70, 351-357.	0.3	282
31	Land-Use/Land-Cover Change Detection Using Improved Change-Vector Analysis. Photogrammetric Engineering and Remote Sensing, 2003, 69, 369-379.	0.3	278
32	Accuracy Assessment Measures for Object-based Image Segmentation Goodness. Photogrammetric Engineering and Remote Sensing, 2010, 76, 289-299.	0.3	270
33	A comparison of spatial feature extraction algorithms for land-use classification with SPOT HRV data. Remote Sensing of Environment, 1992, 40, 137-151.	4.6	266
34	Chinaâ€™s urban expansion from 1990 to 2010 determined with satellite remote sensing. Science Bulletin, 2012, 57, 2802-2812.	1.7	265
35	Efficient corn and soybean mapping with temporal extendability: A multi-year experiment using Landsat imagery. Remote Sensing of Environment, 2014, 140, 1-13.	4.6	262
36	Google Earth as a virtual globe tool for Earth science applications at the global scale: progress and perspectives. International Journal of Remote Sensing, 2012, 33, 3966-3986.	1.3	257

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37	Mapping wetland changes in China between 1978 and 2008. Science Bulletin, 2012, 57, 2813-2823.	1.7	248
38	Mapping essential urban land use categories in China (EULUC-China): preliminary results for 2018. Science Bulletin, 2020, 65, 182-187.	4.3	247
39	Mapping global urban boundaries from the global artificial impervious area (GAIA) data. Environmental Research Letters, 2020, 15, 094044.	2.2	240
40	Filtering Airborne Laser Scanning Data with Morphological Methods. Photogrammetric Engineering and Remote Sensing, 2007, 73, 175-185.	0.3	233
41	Object-based analysis and change detection of major wetland cover types and their classification uncertainty during the low water period at Poyang Lake, China. Remote Sensing of Environment, 2011, 115, 3220-3236.	4.6	229
42	Modelling spatialâ€temporal change of Poyang Lake using multitemporal Landsat imagery. International Journal of Remote Sensing, 2008, 29, 5767-5784.	1.3	220
43	Detection of individual trees and estimation of tree height using LiDAR data. Journal of Forest Research, 2007, 12, 425-434.	0.7	192
44	Can you see green? Assessing the visibility of urban forests in cities. Landscape and Urban Planning, 2009, 91, 97-104.	3.4	185
45	A Mechanism Study of Reflectance Spectroscopy for Investigating Heavy Metals in Soils. Soil Science Society of America Journal, 2007, 71, 918-926.	1.2	179
46	Chinaâ€™s wetland change (1990â€“2000) determined by remote sensing. Science China Earth Sciences, 2010, 53, 1036-1042.	2.3	179
47	Assessment of multi-resolution and multi-sensor data for urban surface temperature retrieval. Remote Sensing of Environment, 2006, 104, 211-225.	4.6	178
48	Water-level changes in China's large lakes determined from ICESat/GLAS data. Remote Sensing of Environment, 2013, 132, 131-144.	4.6	171
49	Annual dynamics of global land cover and its long-term changes from 1982 to 2015. Earth System Science Data, 2020, 12, 1217-1243.	3.7	170
50	Comparison and improvement of methods for identifying waterbodies in remotely sensed imagery. International Journal of Remote Sensing, 2012, 33, 6854-6875.	1.3	158
51	Automated mapping of soybean and corn using phenology. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 119, 151-164.	4.9	156
52	The Tsinghuaâ€“Lancet Commission on Healthy Cities in China: unlocking the power of cities for a healthy China. Lancet, The, 2018, 391, 2140-2184.	6.3	155
53	Towards a common validation sample set for global land-cover mapping. International Journal of Remote Sensing, 2014, 35, 4795-4814.	1.3	154
54	Improving 30Âm global land-cover map FROM-GLC with time series MODIS and auxiliary data sets: a segmentation-based approach. International Journal of Remote Sensing, 2013, 34, 5851-5867.	1.3	146

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55	Detailed dynamic land cover mapping of Chile: Accuracy improvement by integrating multi-temporal data. Remote Sensing of Environment, 2016, 183, 170-185.	4.6	146
56	Stacked Autoencoder-based deep learning for remote-sensing image classification: a case study of African land-cover mapping. International Journal of Remote Sensing, 2016, 37, 5632-5646.	1.3	142
57	A Global Geospatial Ecosystem Services Estimate of Urban Agriculture. Earth's Future, 2018, 6, 40-60.	2.4	142
58	Environmental Factors Contributing to the Spread of H5N1 Avian Influenza in Mainland China. PLoS ONE, 2008, 3, e2268.	1.1	134
59	Landscape analysis of wetland plant functional types: The effects of image segmentation scale, vegetation classes and classification methods. Remote Sensing of Environment, 2012, 127, 357-369.	4.6	133
60	Continuous monitoring of coastline dynamics in western Florida with a 30-year time series of Landsat imagery. Remote Sensing of Environment, 2016, 179, 196-209.	4.6	132
61	Estimating Basal Area and Stem Volume for Individual Trees from Lidar Data. Photogrammetric Engineering and Remote Sensing, 2007, 73, 1355-1365.	0.3	130
62	Meta-discoveries from a synthesis of satellite-based land-cover mapping research. International Journal of Remote Sensing, 2014, 35, 4573-4588.	1.3	130
63	Urban growth models: progress and perspective. Science Bulletin, 2016, 61, 1637-1650.	4.3	127
64	A spatialâ€“temporal approach to monitoring forest disease spread using multi-temporal high spatial resolution imagery. Remote Sensing of Environment, 2006, 101, 167-180.	4.6	123
65	FROM-GC: 30 m global cropland extent derived through multisource data integration. International Journal of Digital Earth, 2013, 6, 521-533.	1.6	123
66	A multi-resolution global land cover dataset through multisource data aggregation. Science China Earth Sciences, 2014, 57, 2317-2329.	2.3	116
67	The 2020 China report of the Lancet Countdown on health and climate change. Lancet Public Health, The, 2021, 6, e64-e81.	4.7	106
68	Earth science applications of ICESat/GLAS: a review. International Journal of Remote Sensing, 2011, 32, 8837-8864.	1.3	105
69	The first all-season sample set for mapping global land cover with Landsat-8 data. Science Bulletin, 2017, 62, 508-515.	4.3	104
70	Urban and air pollution: a multi-city study of long-term effects of urban landscape patterns on air quality trends. Scientific Reports, 2020, 10, 18618.	1.6	104
71	Improved global cropland data as an essential ingredient for food security. Global Food Security, 2015, 4, 37-45.	4.0	103
72	Spatial analysis of hemorrhagic fever with renal syndrome in China. BMC Infectious Diseases, 2006, 6, 77.	1.3	102

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73	Geographical characteristics of Chinaâ€™s wetlands derived from remotely sensed data. Science in China Series D: Earth Sciences, 2009, 52, 723-738.	0.9	102
74	Mapping dynamic cover types in a large seasonally flooded wetland using extended principal component analysis and object-based classification. Remote Sensing of Environment, 2015, 158, 193-206.	4.6	102
75	A phenology-based approach to map crop types in the San Joaquin Valley, California. International Journal of Remote Sensing, 2011, 32, 7777-7804.	1.3	99
76	Mapping global land cover in 2001 and 2010 with spatial-temporal consistency at 250m resolution. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 103, 38-47.	4.9	99
77	A Spectral Index for Estimating Soil Salinity in the Yellow River Delta Region of China Using EO-1 Hyperion Data. Pedosphere, 2010, 20, 378-388.	2.1	96
78	Climate change and human infectious diseases: A synthesis of research findings from global and spatio-temporal perspectives. Environment International, 2017, 103, 99-108.	4.8	93
79	Spectral mixture analysis for mapping abundance of urban surface components from the Terra/ASTER data. Remote Sensing of Environment, 2008, 112, 939-954.	4.6	90
80	A new time series vegetationâ€“water index of phenologicalâ€“hydrological trait across species and functional types for Poyang Lake wetland ecosystem. Remote Sensing of Environment, 2012, 125, 49-63.	4.6	86
81	Identifying a Safe and Just Corridor for People and the Planet. Earth's Future, 2021, 9, e2020EF001866.	2.4	84
82	Using local transition probability models in Markov random fields for forest change detection. Remote Sensing of Environment, 2008, 112, 2222-2231.	4.6	83
83	Developing a method to estimate building height from Sentinel-1 data. Remote Sensing of Environment, 2020, 240, 111705.	4.6	83
84	Different Environmental Drivers of Highly Pathogenic Avian Influenza H5N1 Outbreaks in Poultry and Wild Birds. PLoS ONE, 2013, 8, e53362.	1.1	82
85	Production of global daily seamless data cubes and quantification of global land cover change from 1985 to 2020 - iMap World 1.0. Remote Sensing of Environment, 2021, 258, 112364.	4.6	80
86	Estimation of yellow starthistle abundance through CASI-2 hyperspectral imagery using linear spectral mixture models. Remote Sensing of Environment, 2006, 101, 329-341.	4.6	79
87	Integrating Google Earth imagery with Landsat data to improve 30-m resolution land cover mapping. Remote Sensing of Environment, 2020, 237, 111563.	4.6	79
88	An Object-Based Classification Approach in Mapping Tree Mortality Using High Spatial Resolution Imagery. GIScience and Remote Sensing, 2007, 44, 24-47.	2.4	78
89	Automated Methods for Measuring DBH and Tree Heights with a Commercial Scanning Lidar. Photogrammetric Engineering and Remote Sensing, 2011, 77, 219-227.	0.3	78
90	Protection efficacy of national wetland reserves in China. Science Bulletin, 2012, 57, 1116-1134.	1.7	78

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91	Monitoring dynamic changes of global land cover types: fluctuations of major lakes in China every 8Âdays during 2000â€“2010. Science Bulletin, 2014, 59, 171-189.	1.7	78
92	Modeling grassland spring onset across the Western United States using climate variables and MODIS-derived phenology metrics. Remote Sensing of Environment, 2015, 161, 63-77.	4.6	77
93	A new research paradigm for global land cover mapping. Annals of GIS, 2016, 22, 87-102.	1.4	77
94	Cost-effective priorities for the expansion of global terrestrial protected areas: Setting post-2020 global and national targets. Science Advances, 2020, 6, .	4.7	76
95	Combining Spatial-Temporal and Phylogenetic Analysis Approaches for Improved Understanding on Global H5N1 Transmission. PLoS ONE, 2010, 5, e13575.	1.1	76
96	Spatial analysis of plague in California: niche modeling predictions of the current distribution and potential response to climate change. International Journal of Health Geographics, 2009, 8, 38.	1.2	75
97	Using classification and NDVI differencing methods for monitoring sparse vegetation coverage: a case study of saltcedar in Nevada, USA. International Journal of Remote Sensing, 2008, 29, 3987-4011.	1.3	74
98	Target Detection Method for Water Mapping Using Landsat 8 OLI/TIRS Imagery. Water (Switzerland), 2015, 7, 794-817.	1.2	74
99	Forest canopy closure from classification and spectral unmixing of scene components-multisensor evaluation of an open canopy. IEEE Transactions on Geoscience and Remote Sensing, 1994, 32, 1067-1080.	2.7	72
100	Climate and the Timing of Imported Cases as Determinants of the Dengue Outbreak in Guangzhou, 2014: Evidence from a Mathematical Model. PLoS Neglected Tropical Diseases, 2016, 10, e0004417.	1.3	72
101	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. Remote Sensing of Environment, 2018, 218, 13-31.	4.6	71
102	The migration of training samples towards dynamic global land cover mapping. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 27-36.	4.9	71
103	Progress and Trends in the Application of Google Earth and Google Earth Engine. Remote Sensing, 2021, 13, 3778.	1.8	71
104	High-resolution remote sensing mapping of global land water. Science China Earth Sciences, 2014, 57, 2305-2316.	2.3	69
105	Construction of the 500â€m Resolution Daily Global Surface Water Change Database (2001â€“2016). Water Resources Research, 2018, 54, 10,270.	1.7	69
106	A cellular automata downscaling based 1 km global land use datasets (2010â€“2100). Science Bulletin, 2016, 61, 1651-1661.	4.3	68
107	Integration of multi-resource remotely sensed data and allometric models for forest aboveground biomass estimation in China. Remote Sensing of Environment, 2019, 221, 225-234.	4.6	68
108	Modeling radiation and photosynthesis of a heterogeneous savanna woodland landscape with a hierarchy of model complexities. Agricultural and Forest Meteorology, 2008, 148, 1005-1020.	1.9	67

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109	The Need for Improved Maps of Global Cropland. Eos, 2013, 94, 31-32.	0.1	66
110	Land cover assessment with MODIS imagery in southern African Miombo ecosystems. Remote Sensing of Environment, 2005, 98, 429-441.	4.6	65
111	China must reduce fertilizer use too. Nature, 2011, 473, 284-285.	13.7	65
112	Annual 30-m land use/land cover maps of China for 1980â€“2015 from the integration of AVHRR, MODIS and Landsat data using the BFAST algorithm. Science China Earth Sciences, 2020, 63, 1390-1407.	2.3	64
113	Identifying patterns and hotspots of global land cover transitions using the ESA CCI Land Cover dataset. Remote Sensing Letters, 2018, 9, 972-981.	0.6	63
114	Population ageing and deaths attributable to ambient PM2Â·5 pollution: a global analysis of economic cost. Lancet Planetary Health, The, 2021, 5, e356-e367.	5.1	63
115	How does urban expansion interact with cropland loss? A comparison of 14 Chinese cities from 1980 to 2015. Landscape Ecology, 2021, 36, 243-263.	1.9	62
116	Incorporating health co-benefits into technology pathways to achieve China's 2060 carbon neutrality goal: a modelling study. Lancet Planetary Health, The, 2021, 5, e808-e817.	5.1	62
117	An Overview of the Applications of Earth Observation Satellite Data: Impacts and Future Trends. Remote Sensing, 2022, 14, 1863.	1.8	61
118	Land-use/Land-cover Classification with Multispectral and Hyperspectral EO-1 Data. Photogrammetric Engineering and Remote Sensing, 2007, 73, 955-965.	0.3	60
119	Remote sensing of environmental change over China: A review. Science Bulletin, 2012, 57, 2793-2801.	1.7	60
120	Change of surface cover greenness in China between 2000 and 2010. Science Bulletin, 2012, 57, 2835-2845.	1.7	57
121	ICESat GLAS Data for Urban Environment Monitoring. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 1158-1172.	2.7	56
122	Distribution of ecological restoration projects associated with land use and land cover change in China and their ecological impacts. Science of the Total Environment, 2022, 825, 153938.	3.9	56
123	An â€œexclusion-inclusionâ€•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
124	Spatio-Temporal Distribution of Malaria in Yunnan Province, China. American Journal of Tropical Medicine and Hygiene, 2009, 81, 503-509.	0.6	55
125	A Monitoring System for Vegetable Greenhouses based on a Wireless Sensor Network. Sensors, 2010, 10, 8963-8980.	2.1	53
126	A segment derived patch-based logistic cellular automata for urban growth modeling with heuristic rules. Computers, Environment and Urban Systems, 2017, 65, 140-149.	3.3	53

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127	The Lancet Countdown on PM 2Â·5 pollution-related health impacts of China's projected carbon dioxide mitigation in the electric power generation sector under the Paris Agreement: a modelling study. Lancet Planetary Health, The, 2018, 2, e151-e161.	5.1	53
128	Performance Assessment of ICESat-2 Laser Altimeter Data for Water-Level Measurement over Lakes and Reservoirs in China. Remote Sensing, 2020, 12, 770.	1.8	53
129	Comparative Analysis of EO-1 ALI and Hyperion, and Landsat ETM+ Data for Mapping Forest Crown Closure and Leaf Area Index. Sensors, 2008, 8, 3744-3766.	2.1	52
130	Phenology-based Crop Classification Algorithm and its Implications on Agricultural Water Use Assessments in Californiaâ€™s Central Valley. Photogrammetric Engineering and Remote Sensing, 2012, 78, 799-813.	0.3	52
131	A Unified Cropland Layer at 250 m for Global Agriculture Monitoring. Data, 2016, 1, 3.	1.2	52
132	Multi-scale evaluation of light use efficiency in MODIS gross primary productivity for croplands in the Midwestern United States. Agricultural and Forest Meteorology, 2015, 201, 111-119.	1.9	51
133	Information fusion for rural land-use classification with high-resolution satellite imagery. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 883-890.	2.7	50
134	Quantification of pollutants emitted from very large wildland fires in Southern California, USA. Atmospheric Environment, 2006, 40, 3686-3695.	1.9	50
135	A Production Efficiency Model-Based Method for Satellite Estimates of Corn and Soybean Yields in the Midwestern US. Remote Sensing, 2013, 5, 5926-5943.	1.8	50
136	Long-Term Annual Mapping of Four Cities on Different Continents by Applying a Deep Information Learning Method to Landsat Data. Remote Sensing, 2018, 10, 471.	1.8	50
137	Annual oil palm plantation maps in Malaysia and Indonesia from 2001 to 2016. Earth System Science Data, 2020, 12, 847-867.	3.7	50
138	Crown closure estimation of oak savannah in a dry season with Landsat TM imagery: Comparison of various indices through correlation analysis. International Journal of Remote Sensing, 2003, 24, 1811-1822.	1.3	49
139	Comparison of Gray-Level Reduction and Different Texture Spectrum Encoding Methods for Land-Use Classification Using a Panchromatic Ikonos Image. Photogrammetric Engineering and Remote Sensing, 2003, 69, 529-536.	0.3	49
140	Comparison of country-level cropland areas between ESA-CCI land cover maps and FAOSTAT data. International Journal of Remote Sensing, 2018, 39, 6631-6645.	1.3	49
141	Using CASI Hyperspectral Imagery to Detect Mortality and Vegetation Stress Associated with a New Hardwood Forest Disease. Photogrammetric Engineering and Remote Sensing, 2008, 74, 65-75.	0.3	48
142	Forest Cover Classification by Optimal Segmentation of High Resolution Satellite Imagery. Sensors, 2011, 11, 1943-1958.	2.1	48
143	Do Arctic breeding geese track or overtake a green wave during spring migration?. Scientific Reports, 2015, 5, 8749.	1.6	48
144	Object Detection by Spectropolarimeteric Imagery Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 3337-3345.	2.7	47

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145	Significant coastline changes in China during 1991â€“2015 tracked by Landsat data. Science Bulletin, 2018, 63, 883-886.	4.3	47
146	A Spatial-Temporal Model for Assessing the Effects of Intervillage Connectivity in Schistosomiasis Transmission. Annals of the American Association of Geographers, 2006, 96, 31-46.	3.0	46
147	Preliminary estimation of the organic carbon pool in Chinaâ€™s wetlands. Science Bulletin, 2013, 58, 662-670.	1.7	46
148	Improving the Accuracy of the Water Surface Cover Type in the 30 m FROM-GLC Product. Remote Sensing, 2015, 7, 13507-13527.	1.8	46
149	More protection for China's wetlands. Nature, 2011, 471, 305-305.	13.7	45
150	Dynamic assessment of the impact of drought on agricultural yield and scale-dependent return periods over large geographic regions. Environmental Modelling and Software, 2014, 62, 454-464.	1.9	44
151	Integrating ensemble-urban cellular automata model with an uncertainty map to improve the performance of a single model. International Journal of Geographical Information Science, 2015, 29, 762-785.	2.2	44
152	Community Integrated Earth System Model (CIESM): Description and Evaluation. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS002036.	1.3	44
153	Comparisons of three recent moderate resolution African land cover datasets: CGLS-LC100, ESA-S2-LC20, and FROM-GLC-Africa30. International Journal of Remote Sensing, 2019, 40, 6185-6202.	1.3	43
154	Characterizing spatialâ€“temporal tree mortality patterns associated with a new forest disease. Forest Ecology and Management, 2007, 253, 220-231.	1.4	42
155	Foliage Clumping Index Over China's Landmass Retrieved From the MODIS BRDF Parameters Product. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 2122-2137.	2.7	42
156	Mapping essential urban land use categories with open big data: Results for five metropolitan areas in the United States of America. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 178, 203-218.	4.9	42
157	Reflectance spectroscopy for the assessment of soil salt content in soils of the Yellow River Delta of China. International Journal of Remote Sensing, 2008, 29, 5511-5531.	1.3	41
158	Spectral mixture analysis for bi-sensor wetland mapping using Landsat TM and Terra MODIS data. International Journal of Remote Sensing, 2012, 33, 3373-3401.	1.3	41
159	Oil palm mapping using Landsat and PALSAR: a case study in Malaysia. International Journal of Remote Sensing, 2016, 37, 5431-5442.	1.3	41
160	The 2021 China report of the Lancet Countdown on health and climate change: seizing the window of opportunity. Lancet Public Health, The, 2021, 6, e932-e947.	4.7	41
161	Automatic variogram parameter extraction for textural classification of the panchromatic IKONOS imagery. IEEE Transactions on Geoscience and Remote Sensing, 2004, 42, 1106-1115.	2.7	40
162	Determination of Burnt Scars Using Logistic Regression and Neural Network Techniques from a Single Post-Fire Landsat 7 ETM + Image. Photogrammetric Engineering and Remote Sensing, 2004, 70, 841-850.	0.3	40

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163	Improving Measurement of Forest Structural Parameters by Co-Registering of High Resolution Aerial Imagery and Low Density LiDAR Data. Sensors, 2009, 9, 1541-1558.	2.1	40
164	Object-based Detection and Classification of Vehicles from High-resolution Aerial Photography. Photogrammetric Engineering and Remote Sensing, 2009, 75, 871-880.	0.3	40
165	Remote Sensingâ€“Based Timeâ€Series Analysis of Cheatgrass (Bromus tectorum L.) Phenology. Journal of Environmental Quality, 2010, 39, 955-963.	1.0	40
166	Mapping Mountain Pine Beetle Mortality through Growth Trend Analysis of Time-Series Landsat Data. Remote Sensing, 2014, 6, 5696-5716.	1.8	40
167	Bamboo mapping of Ethiopia, Kenya and Uganda for the year 2016 using multi-temporal Landsat imagery. International Journal of Applied Earth Observation and Geoinformation, 2018, 66, 116-125.	1.4	40
168	Monitoring surface mining belts using multiple remote sensing datasets: A global perspective. Ore Geology Reviews, 2018, 101, 675-687.	1.1	40
169	A network approach to prioritize conservation efforts for migratory birds. Conservation Biology, 2020, 34, 416-426.	2.4	40
170	Snail Density Prediction for Schistosomiasis Control Using Ikonos and ASTER Images. Photogrammetric Engineering and Remote Sensing, 2004, 70, 1285-1294.	0.3	39
171	Spring migration patterns, habitat use, and stopover site protection status for two declining waterfowl species wintering in China as revealed by satellite tracking. Ecology and Evolution, 2018, 8, 6280-6289.	0.8	39
172	A 30â€‰m terrace mapping in China using Landsat 8 imagery and digital elevation model based on the Google Earth Engine. Earth System Science Data, 2021, 13, 2437-2456.	3.7	39
173	Geographic stacking: Decision fusion to increase global land cover map accuracy. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 103, 57-65.	4.9	38
174	Rapid corn and soybean mapping in US Corn Belt and neighboring areas. Scientific Reports, 2016, 6, 36240.	1.6	38
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