

Peng Gong

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7905485/peng-gong-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

372
papers

22,864
citations

74
h-index

141
g-index

407
ext. papers

28,978
ext. citations

7.8
avg, IF

7.14
L-index

#	Paper	IF	Citations
372	Urban Land Expansion from Scratch to Urban Agglomeration in the Federal District of Brazil in the Past 60 Years.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	3
371	Forest cover change in China from 2000 to 2016. <i>International Journal of Remote Sensing</i> , 2022 , 43, 593-606	5	2
370	Mapping Residential Vacancies with Multisource Spatiotemporal Data: A Case Study in Beijing. <i>Remote Sensing</i> , 2022 , 14, 376	5	0
369	Bamboo Forest Mapping in China Using the Dense Landsat 8 Image Archive and Google Earth Engine. <i>Remote Sensing</i> , 2022 , 14, 762	5	3
368	Estimating building height in China from ALOS AW3D30. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022 , 185, 146-157	11.8	0
367	Characteristics and trends of hillside urbanization in China from 2007 to 2017. <i>Habitat International</i> , 2022 , 120, 102502	4.6	0
366	Estimation of wetland biodiversity based on the hydrological patterns and connectivity and its potential application in change detection and monitoring: A case study of the Sanjiang Plain, China. <i>Science of the Total Environment</i> , 2022 , 805, 150291	10.2	3
365	A global map of planting years of plantations.. <i>Scientific Data</i> , 2022 , 9, 141	8.2	3
364	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 , 153938	10.2	4
363	An Overview of the Applications of Earth Observation Satellite Data: Impacts and Future Trends. <i>Remote Sensing</i> , 2022 , 14, 1863	5	4
362	The 2021 China report of the Lancet Countdown on health and climate change: seizing the window of opportunity. <i>Lancet Public Health, The</i> , 2021 , 6, e932-e947	22.4	2
361	Incorporating health co-benefits into technology pathways to achieve China's 2060 carbon neutrality goal: a modelling study. <i>Lancet Planetary Health, The</i> , 2021 , 5, e808-e817	9.8	9
360	Winter Warming in North America Induced by Urbanization in China. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL095465	4.9	0
359	A 1 km global cropland dataset from 10 000 BCE to 2100 CE. <i>Earth System Science Data</i> , 2021 , 13, 5403-5425	8.2	0
358	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. <i>Lancet, The</i> , 2021 , 398, 1619-1662	40	90
357	Annual dynamic dataset of global cropping intensity from 2001 to 2019. <i>Scientific Data</i> , 2021 , 8, 283	8.2	2
356	Global urbanicity is associated with brain and behaviour in young people. <i>Nature Human Behaviour</i> , 2021 ,	12.8	1

355	Reduction of Human Mobility Matters during Early COVID-19 Outbreaks: Evidence from India, Japan and China. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
354	Identifying a Safe and Just Corridor for People and the Planet. <i>Earth's Future</i> , 2021 , 9, e2020EF001866	7.9	30
353	The changes in species composition mediate direct effects of climate change on future fire regimes of boreal forests in northeastern China. <i>Journal of Applied Ecology</i> , 2021 , 58, 1336-1345	5.8	5
352	A systematic network-based migratory bird monitoring and protection system is needed in China. <i>Science Bulletin</i> , 2021 , 66, 955-957	10.6	0
351	Spatial Scaling of Gross Primary Productivity Over Sixteen Mountainous Watersheds Using Vegetation Heterogeneity and Surface Topography. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG005848	3.7	3
350	Extraction of Old Towns in Hangzhou (2000-2018) from Landsat Time Series Image Stacks. <i>Remote Sensing</i> , 2021 , 13, 2438	5	0
349	A 30 m 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	10.5	6
348	Production of global daily seamless data cubes and quantification of global land cover change from 1985 to 2020 - iMap World 1.0. <i>Remote Sensing of Environment</i> , 2021 , 258, 112364	13.2	25
347	Population ageing and deaths attributable to ambient PM pollution: a global analysis of economic cost. <i>Lancet Planetary Health, The</i> , 2021 , 5, e356-e367	9.8	8
346	Identifying Potential Cropland Losses When Conserving 30% and 50% Earth with Different Approaches and Spatial Scales. <i>Land</i> , 2021 , 10, 704	3.5	1
345	Critical role of temporal contexts in evaluating urban cellular automata models. <i>GIScience and Remote Sensing</i> , 2021 , 58, 799-811	4.8	4
344	Mapping essential urban land use categories (EULUC) using geospatial big data: Progress, challenges, and opportunities. <i>Big Earth Data</i> , 2021 , 5, 410-441	4.1	13
343	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	4.3	26
342	Multiscale effects of habitat and surrounding matrices on waterbird diversity in the Yangtze River Floodplain. <i>Landscape Ecology</i> , 2021 , 36, 179-190	4.3	3
341	The 2020 China report of the Lancet Countdown on health and climate change. <i>Lancet Public Health, The</i> , 2021 , 6, e64-e81	22.4	27
340	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. <i>Lancet, The</i> , 2021 , 397, 129-170	40	364
339	High-Resolution Land Cover Mapping Through Learning With Noise Correction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-13	8.1	1
338	Mapping Essential Urban Land Use Categories in Beijing with a Fast Area of Interest (AOI)-Based Method. <i>Remote Sensing</i> , 2021 , 13, 477	5	8

337	Climate response to introduction of the ESA CCI land cover data to the NCAR CESM. <i>Climate Dynamics</i> , 2021 , 56, 4109-4127	4.2	3
336	Food Delivery Platform: A Potential Tool for Monitoring the Food Environment and Mitigating Overweight/Obesity in China. <i>Frontiers in Nutrition</i> , 2021 , 8, 703090	6.2	0
335	Oil palm modelling in the global land surface model ORCHIDEE-MICT. <i>Geoscientific Model Development</i> , 2021 , 14, 4573-4592	6.3	
334	Towards an open and synergistic framework for mapping global land cover. <i>PeerJ</i> , 2021 , 9, e11877	3.1	1
333	A large-scale, long time-series (1984-2020) of soybean mapping with phenological features: Heilongjiang Province as a test case. <i>International Journal of Remote Sensing</i> , 2021 , 42, 7332-7356	3.1	0
332	Mapping essential urban land use categories with open big data: Results for five metropolitan areas in the United States of America. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021 , 178, 203-218	11.8	14
331	Factors contributing to spatial-temporal variations of observed oxygen concentration over the Qinghai-Tibetan Plateau. <i>Scientific Reports</i> , 2021 , 11, 17338	4.9	4
330	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	3
329	Progress and Trends in the Application of Google Earth and Google Earth Engine. <i>Remote Sensing</i> , 2021 , 13, 3778	5	12
328	Double Trouble of Air Pollution by Anthropogenic Dust.. <i>Environmental Science & Technology</i> , 2021 ,	10.3	1
327	Comparing the Use of Spatially Explicit Indicators and Conventional Indicators in the Evaluation of Healthy Cities: A Case Study in Shenzhen, China. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
326	High-spatiotemporal-resolution mapping of global urban change from 1985 to 2015. <i>Nature Sustainability</i> , 2020 , 3, 564-570	22.1	133
325	Global supply-chain effects of COVID-19 control measures. <i>Nature Human Behaviour</i> , 2020 , 4, 577-587	12.8	270
324	Improving 3-m Resolution Land Cover Mapping through Efficient Learning from an Imperfect 10-m Resolution Map. <i>Remote Sensing</i> , 2020 , 12, 1418	5	7
323	Mapping global urban boundaries from the global artificial impervious area (GAIA) data. <i>Environmental Research Letters</i> , 2020 , 15, 094044	6.2	67
322	Performance Assessment of ICESat-2 Laser Altimeter Data for Water-Level Measurement over Lakes and Reservoirs in China. <i>Remote Sensing</i> , 2020 , 12, 770	5	28
321	Semi-Supervised Text Classification Framework: An Overview of Dengue Landscape Factors and Satellite Earth Observation. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
320	Community Integrated Earth System Model (CIEM): Description and Evaluation. <i>Journal of Advances in Modeling Earth Systems</i> , 2020 , 12, e2019MS002036	7.1	17

319	Developing a method to estimate building height from Sentinel-1 data. <i>Remote Sensing of Environment</i> , 2020 , 240, 111705	13.2	41
318	The migration of training samples towards dynamic global land cover mapping. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020 , 161, 27-36	11.8	31
317	A Mapping Review on Urban Landscape Factors of Dengue Retrieved from Earth Observation Data, GIS Techniques, and Survey Questionnaires. <i>Remote Sensing</i> , 2020 , 12, 932	5	9
316	Annual dynamics of global land cover and its long-term changes from 1982 to 2015. <i>Earth System Science Data</i> , 2020 , 12, 1217-1243	10.5	60
315	Annual oil palm plantation maps in Malaysia and Indonesia from 2001 to 2016. <i>Earth System Science Data</i> , 2020 , 12, 847-867	10.5	27
314	Urban-Expansion Driven Farmland Loss Follows with the Environmental Kuznets Curve Hypothesis: Evidence from Temporal Analysis in Beijing, China. <i>Communications in Computer and Information Science</i> , 2020 , 394-412	0.3	
313	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	4.6	29
312	Annual maps of global artificial impervious area (GAIA) between 1985 and 2018. <i>Remote Sensing of Environment</i> , 2020 , 236, 111510	13.2	241
311	Mapping essential urban land use categories in China (EULUC-China): preliminary results for 2018. <i>Science Bulletin</i> , 2020 , 65, 182-187	10.6	91
310	Integrating Google Earth imagery with Landsat data to improve 30-m resolution land cover mapping. <i>Remote Sensing of Environment</i> , 2020 , 237, 111563	13.2	38
309	A Spatial Distribution Equilibrium Evaluation of Health Service Resources at Community Grid Scale in Yichang, China. <i>Sustainability</i> , 2020 , 12, 52	3.6	5
308	Global COVID-19 pandemic demands joint interventions for the suppression of future waves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26151-26157	11.5	22
307	Near-real-time monitoring of global CO emissions reveals the effects of the COVID-19 pandemic. <i>Nature Communications</i> , 2020 , 11, 5172	17.4	204
306	Automatic High-Resolution Land Cover Production in Madagascar Using Sentinel-2 Time Series, Tile-Based Image Classification and Google Earth Engine. <i>Remote Sensing</i> , 2020 , 12, 3663	5	9
305	Urban and air pollution: a multi-city study of long-term effects of urban landscape patterns on air quality trends. <i>Scientific Reports</i> , 2020 , 10, 18618	4.9	20
304	Five tips for China to realize its co-targets of climate mitigation and Sustainable Development Goals (SDGs). <i>Geography and Sustainability</i> , 2020 , 1, 245-249	7.3	7
303	Evaluating the effect of plain afforestation project and future spatial suitability in Beijing. <i>Science China Earth Sciences</i> , 2020 , 63, 1587-1598	4.6	7
302	Embodied carbon emissions in China-US trade. <i>Science China Earth Sciences</i> , 2020 , 63, 1577-1586	4.6	11

301	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	3.1	8
300	Cost-effective priorities for the expansion of global terrestrial protected areas: Setting post-2020 global and national targets. <i>Science Advances</i> , 2020 , 6,	14.3	31
299	Analysing the Driving Forces and Environmental Effects of Urban Expansion by Mapping the Speed and Acceleration of Built-Up Areas in China between 1978 and 2017. <i>Remote Sensing</i> , 2020 , 12, 3929	5	8
298	A network approach to prioritize conservation efforts for migratory birds. <i>Conservation Biology</i> , 2020 , 34, 416-426	6	17
297	Healthy China: from words to actions. <i>Lancet Public Health, The</i> , 2019 , 4, e438-e439	22.4	11
296	Use of spatial autocorrelation and time series Landsat images for long-term monitoring of surface water shrinkage and expansion in Guanting Reservoir, China. <i>Remote Sensing Letters</i> , 2019 , 10, 1192-1200	2.3	6
295	Species-dependent effects of habitat degradation in relation to seasonal distribution of migratory waterfowl in the East Asian-Australasian Flyway. <i>Landscape Ecology</i> , 2019 , 34, 243-257	4.3	19
294	Exploring the addition of Landsat 8 thermal band in land-cover mapping. <i>International Journal of Remote Sensing</i> , 2019 , 40, 4544-4559	3.1	3
293	Mapping bamboo with regional phenological characteristics derived from dense Landsat time series using Google Earth Engine. <i>International Journal of Remote Sensing</i> , 2019 , 40, 9541-9555	3.1	20
292	Assessment of personal exposure to particulate air pollution: the first result of City Health Outlook (CHO) project. <i>BMC Public Health</i> , 2019 , 19, 711	4.1	18
291	Exploring intra-annual variation in cropland classification accuracy using monthly, seasonal, and yearly sample set. <i>International Journal of Remote Sensing</i> , 2019 , 1-16	3.1	5
290	Health and climate change - Authors' reply. <i>Lancet, The</i> , 2019 , 393, 2197-2198	40	
289	A structured approach to the analysis of remote sensing images. <i>International Journal of Remote Sensing</i> , 2019 , 40, 7874-7897	3.1	2
288	40-Year (1978-2017) human settlement changes in China reflected by impervious surfaces from satellite remote sensing. <i>Science Bulletin</i> , 2019 , 64, 756-763	10.6	180
287	A spatialized digital database for all bird species in China. <i>Science China Life Sciences</i> , 2019 , 62, 661-667	8.5	3
286	Managing nitrogen to restore water quality in China. <i>Nature</i> , 2019 , 567, 516-520	50.4	314
285	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	10.6	395
284	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	3.1	25

283	Long-Term Land Cover Dynamics (1986-2016) of Northeast China Derived from a Multi-Temporal Landsat Archive. <i>Remote Sensing</i> , 2019 , 11, 599	5	24
282	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	3.1	11
281	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	3.1	6
280	Continuous Monitoring of the Spatio-Temporal Patterns of Surface Water in Response to Land Use and Land Cover Types in a Mediterranean Lagoon Complex. <i>Remote Sensing</i> , 2019 , 11, 1425	5	7
279	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. <i>Lancet, The</i> , 2019 , 394, 1836-1878	40	506
278	Incorporating Deep Features in the Analysis of Tissue Microarray Images. <i>Statistics and Its Interface</i> , 2019 , 12, 283-293	0.4	3
277	A new satellite-based indicator to identify spatiotemporal foraging areas for herbivorous waterfowl. <i>Ecological Indicators</i> , 2019 , 99, 83-90	5.8	9
276	Integration of multi-resource remotely sensed data and allometric models for forest aboveground biomass estimation in China. <i>Remote Sensing of Environment</i> , 2019 , 221, 225-234	13.2	36
275	Water-volume variations of Lake Hulun estimated from serial Jason altimeters and Landsat TM/ETM+ images from 2002 to 2017. <i>International Journal of Remote Sensing</i> , 2019 , 40, 670-692	3.1	13
274	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	3.1	27
273	The Tsinghua-Lancet Commission on Healthy Cities in China: unlocking the power of cities for a healthy China. <i>Lancet, The</i> , 2018 , 391, 2140-2184	40	91
272	The Lancet Countdown on PM pollution-related health impacts of China's projected carbon dioxide mitigation in the electric power generation sector under the Paris Agreement: a modelling study. <i>Lancet Planetary Health, The</i> , 2018 , 2, e151-e161	9.8	33
271	A Global Geospatial Ecosystem Services Estimate of Urban Agriculture. <i>Earth's Future</i> , 2018 , 6, 40-60	7.9	83
270	Bamboo mapping of Ethiopia, Kenya and Uganda for the year 2016 using multi-temporal Landsat imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018 , 66, 116-125	7.3	28
269	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	3.1	13
268	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	3.1	19
267	Improving large-scale moso bamboo mapping based on dense Landsat time series and auxiliary data: a case study in Fujian Province, China. <i>Remote Sensing Letters</i> , 2018 , 9, 1-10	2.3	11
266	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. <i>Lancet, The</i> , 2018 , 391, 581-630	40	521

265	Mapping oil palm extent in Malaysia using ALOS-2 PALSAR-2 data. <i>International Journal of Remote Sensing</i> , 2018 , 39, 432-452	3.1	23
264	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	5	36
263	Towards global oil palm plantation mapping using remote-sensing data. <i>International Journal of Remote Sensing</i> , 2018 , 39, 5891-5906	3.1	14
262	Long-term effects of fire and harvest on carbon stocks of boreal forests in northeastern China. <i>Annals of Forest Science</i> , 2018 , 75, 1	3.1	8
261	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	2.3	45
260	Monitoring surface mining belts using multiple remote sensing datasets: A global perspective. <i>Ore Geology Reviews</i> , 2018 , 101, 675-687	3.2	20
259	Spring migration patterns, habitat use, and stopover site protection status for two declining waterfowl species wintering in China as revealed by satellite tracking. <i>Ecology and Evolution</i> , 2018 , 8, 6280-6289	2.8	25
258	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	3.1	5
257	A steady-state approximation approach to simulate seasonal leaf dynamics of deciduous broadleaf forests via climate variables. <i>Agricultural and Forest Meteorology</i> , 2018 , 249, 44-56	5.8	7
256	The Potential of Spectral Indices in Detecting Various Stages of Afforestation over the Loess Plateau Region of China. <i>Remote Sensing</i> , 2018 , 10, 1492	5	2
255	The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come. <i>Lancet, The</i> , 2018 , 392, 2479-2514	40	383
254	Construction of the 500-m Resolution Daily Global Surface Water Change Database (2001-2016). <i>Water Resources Research</i> , 2018 , 54, 10,270	5.4	48
253	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	13.2	47
252	Long-term monitoring of citrus orchard dynamics using time-series Landsat data: a case study in southern China. <i>International Journal of Remote Sensing</i> , 2018 , 39, 8271-8292	3.1	12
251	Significant coastline changes in China during 1991-2015 tracked by Landsat data. <i>Science Bulletin</i> , 2018 , 63, 883-886	10.6	29
250	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	4.6	14
249	Monitoring water level changes from retracked Jason-2 altimetry data: a case study in the Yangtze River, China. <i>Remote Sensing Letters</i> , 2017 , 8, 399-408	2.3	12
248	Mapping major land cover dynamics in Beijing using all Landsat images in Google Earth Engine. <i>Remote Sensing of Environment</i> , 2017 , 202, 166-176	13.2	210

247	A coupled modeling framework for predicting ecosystem carbon dynamics in boreal forests. <i>Environmental Modelling and Software</i> , 2017 , 93, 332-343	5.2	8
246	New land-cover maps of Ghana for 2015 using Landsat 8 and three popular classifiers for biodiversity assessment. <i>International Journal of Remote Sensing</i> , 2017 , 38, 4008-4021	3.1	18
245	Towards a global oil palm sample database: design and implications. <i>International Journal of Remote Sensing</i> , 2017 , 38, 4022-4032	3.1	12
244	Interannual variation in methane emissions from tropical wetlands triggered by repeated El Niño Southern Oscillation. <i>Global Change Biology</i> , 2017 , 23, 4706-4716	11.4	19
243	Mapping vegetation heights in China using slope correction ICESat data, SRTM, MODIS-derived and climate data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017 , 129, 189-199	11.8	27
242	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	2.3	3
241	Monitoring cropland changes along the Nile River in Egypt over past three decades (1984-2015) using remote sensing. <i>International Journal of Remote Sensing</i> , 2017 , 38, 4459-4480	3.1	24
240	Biodiversity estimation of the western region of Ghana using arthropod mean morphospecies abundance. <i>Biodiversity and Conservation</i> , 2017 , 26, 2083-2097	3.4	5
239	Climate change and human infectious diseases: A synthesis of research findings from global and spatio-temporal perspectives. <i>Environment International</i> , 2017 , 103, 99-108	12.9	56
238	The first all-season sample set for mapping global land cover with Landsat-8 data. <i>Science Bulletin</i> , 2017 , 62, 508-515	10.6	68
237	The interplay of climate, intervention and imported cases as determinants of the 2014 dengue outbreak in Guangzhou. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005701	4.8	29
236	An ocean current inversion accuracy analysis based on a Doppler spectrum model. <i>Acta Oceanologica Sinica</i> , 2017 , 36, 101-107	1	1
235	Christiana Figueres joins The Lancet Countdown-delivering on the promise of Paris. <i>Lancet</i> , 2017 ,	40	1
234	Dynamic response of East Asian Greater White-fronted Geese to changes of environment during migration: Use of multi-temporal species distribution model. <i>Ecological Modelling</i> , 2017 , 360, 70-79	3	27
233	A method for alpine wetland delineation and features of border: Zoig*Plateau, China. <i>Chinese Geographical Science</i> , 2017 , 27, 784-799	2.9	10
232	Ocean Surface Current Inversion Method for a Doppler Scatterometer. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017 , 55, 6505-6516	8.1	12
231	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	5.9	35
230	AntarcticaLC2000: The new Antarctic land cover database for the year 2000. <i>Science China Earth Sciences</i> , 2017 , 60, 686-696	4.6	9

229	The Lancet Countdown: tracking progress on health and climate change. <i>Lancet, The</i> , 2017 , 389, 1151-1164	4	218
228	A rapid assessment of landscape biodiversity using diversity profiles of arthropod morphospecies. <i>Landscape Ecology</i> , 2017 , 32, 209-223	4.3	9
227	Environmental Drivers and Predicted Risk of Bacillary Dysentery in Southwest China. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	12
226	Assessing and Improving the Reliability of Volunteered Land Cover Reference Data. <i>Remote Sensing</i> , 2017 , 9, 1034	5	6
225	An Exclusion-inclusion framework for extracting human settlements in rapidly developing regions of China from Landsat images. <i>Remote Sensing of Environment</i> , 2016 , 186, 286-296	13.2	43
224	Automated mapping of soybean and corn using phenology. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016 , 119, 151-164	11.8	110
223	Forest cover dynamics from Landsat time-series data over Yan'an city on the Loess Plateau during the Grain for Green Project. <i>International Journal of Remote Sensing</i> , 2016 , 37, 4101-4118	3.1	15
222	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	3.1	99
221	Southward autumn migration of waterfowl facilitates cross-continental transmission of the highly pathogenic avian influenza H5N1 virus. <i>Scientific Reports</i> , 2016 , 6, 30262	4.9	17
220	Exploring the potential role of feature selection in global land-cover mapping. <i>International Journal of Remote Sensing</i> , 2016 , 37, 5491-5504	3.1	13
219	Oil palm mapping using Landsat and PALSAR: a case study in Malaysia. <i>International Journal of Remote Sensing</i> , 2016 , 37, 5431-5442	3.1	35
218	Detailed dynamic land cover mapping of Chile: Accuracy improvement by integrating multi-temporal data. <i>Remote Sensing of Environment</i> , 2016 , 183, 170-185	13.2	100
217	Urban growth models: progress and perspective. <i>Science Bulletin</i> , 2016 , 61, 1637-1650	10.6	72
216	Effects of the partitioning of diffuse and direct solar radiation on satellite-based modeling of crop gross primary production. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016 , 50, 51-63	7.3	17
215	Quantifying Multi-Decadal Change of Planted Forest Cover Using Airborne LiDAR and Landsat Imagery. <i>Remote Sensing</i> , 2016 , 8, 62	5	14
214	A Unified Cropland Layer at 250 m for Global Agriculture Monitoring. <i>Data</i> , 2016 , 1, 3	2.3	39
213	Landscape-Level Associations of Wintering Waterbird Diversity and Abundance from Remotely Sensed Wetland Characteristics of Poyang Lake. <i>Remote Sensing</i> , 2016 , 8, 462	5	19
212	Mapping Urban Land Use by Using Landsat Images and Open Social Data. <i>Remote Sensing</i> , 2016 , 8, 151	5	216

211	Grounding and calving cycle of Mertz Ice Tongue revealed by shallow Mertz Bank. <i>Cryosphere</i> , 2016 , 10, 2043-2056	5.5	6
210	Patterns of Bacillary Dysentery in China, 2005-2010. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13, 164	4.6	28
209	Long-Term Post-Disturbance Forest Recovery in the Greater Yellowstone Ecosystem Analyzed Using Landsat Time Series Stack. <i>Remote Sensing</i> , 2016 , 8, 898	5	26
208	Impact of initialization on nonnegative matrix fraction for endmember extraction for hyperspectral imagery 2016 ,		1
207	Climate and the Timing of Imported Cases as Determinants of the Dengue Outbreak in Guangzhou, 2014: Evidence from a Mathematical Model. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004417	4.8	58
206	Towards a paradigm for open and free sharing of scientific data on global change science in china. <i>Ecosystem Health and Sustainability</i> , 2016 , 2, e01225	3.7	12
205	Sea Surface Wind Speed Inversion Using the Low Incident NRCS Measured by TRMM Precipitation Radar. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016 , 9, 5262-5271	4.7	7
204	Climate-driven increase of natural wetland methane emissions offset by human-induced wetland reduction in China over the past three decades. <i>Scientific Reports</i> , 2016 , 6, 38020	4.9	10
203	The importance of data type, laser spot density and modelling method for vegetation height mapping in continental China. <i>International Journal of Remote Sensing</i> , 2016 , 37, 6127-6148	3.1	3
202	Rapid corn and soybean mapping in US Corn Belt and neighboring areas. <i>Scientific Reports</i> , 2016 , 6, 36240	4.9	29
201	Forest disturbance interactions and successional pathways in the Southern Rocky Mountains. <i>Forest Ecology and Management</i> , 2016 , 375, 35-45	3.9	20
200	A new research paradigm for global land cover mapping. <i>Annals of GIS</i> , 2016 , 22, 87-102	4.1	60
199	Continuous monitoring of coastline dynamics in western Florida with a 30-year time series of Landsat imagery. <i>Remote Sensing of Environment</i> , 2016 , 179, 196-209	13.2	99
198	Tracking bamboo dynamics in Zhejiang, China, using time-series of Landsat data from 1990 to 2014. <i>International Journal of Remote Sensing</i> , 2016 , 37, 1714-1729	3.1	15
197	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	10.6	12
196	Healthy cities in China: a Lancet Commission. <i>Lancet, The</i> , 2016 , 388, 1863-1864	40	8
195	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 6100-6109	8.1	6
194	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	3.1	19

193	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	2.1	21
192	A cellular automata downscaling based 1 km global land use datasets (2010-2010). <i>Science Bulletin</i> , 2016 , 61, 1651-1661	10.6	39
191	Evaluation of global land cover maps for cropland area estimation in the conterminous United States. <i>International Journal of Digital Earth</i> , 2015 , 8, 102-117	3.9	13
190	Mapping global cropland and field size. <i>Global Change Biology</i> , 2015 , 21, 1980-92	11.4	312
189	A database of global wetland validation samples for wetland mapping. <i>Science Bulletin</i> , 2015 , 60, 428-434	0.6	11
188	Modeling grassland spring onset across the Western United States using climate variables and MODIS-derived phenology metrics. <i>Remote Sensing of Environment</i> , 2015 , 161, 63-77	13.2	61
187	Adaptively weighted decision fusion in 30 m land-cover mapping with Landsat and MODIS data. <i>International Journal of Remote Sensing</i> , 2015 , 36, 3659-3674	3.1	7
186	A 30-year (1984-2013) record of annual urban dynamics of Beijing City derived from Landsat data. <i>Remote Sensing of Environment</i> , 2015 , 166, 78-90	13.2	213
185	Modified N-FINDR endmember extraction algorithm for remote-sensing imagery. <i>International Journal of Remote Sensing</i> , 2015 , 36, 2148-2162	3.1	13
184	Health and climate change: policy responses to protect public health. <i>Lancet, The</i> , 2015 , 386, 1861-914	40	932
183	Safeguarding human health in the Anthropocene epoch: report of The Rockefeller Foundation-Lancet Commission on planetary health. <i>Lancet, The</i> , 2015 , 386, 1973-2028	40	1047
182	Joint Use of ICESat/GLAS and Landsat Data in Land Cover Classification: A Case Study in Henan Province, China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 511-522	4.7	15
181	The association between hantavirus infection and selenium deficiency in mainland China. <i>Viruses</i> , 2015 , 7, 333-51	6.2	21
180	Do Arctic breeding geese track or overtake a green wave during spring migration?. <i>Scientific Reports</i> , 2015 , 5, 8749	4.9	38
179	Geographic stacking: Decision fusion to increase global land cover map accuracy. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015 , 103, 57-65	11.8	29
178	Projected impacts of climate change on protected birds and nature reserves in China. <i>Science Bulletin</i> , 2015 , 60, 1644-1653	10.6	11
177	Improving the quantification of waterfowl migration with remote sensing and bird tracking. <i>Science Bulletin</i> , 2015 , 60, 1984-1993	10.6	23
176	Improved global cropland data as an essential ingredient for food security. <i>Global Food Security</i> , 2015 , 4, 37-45	8.3	77

175	Mapping dynamic cover types in a large seasonally flooded wetland using extended principal component analysis and object-based classification. <i>Remote Sensing of Environment</i> , 2015 , 158, 193-206	13.2	86
174	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	5.8	44
173	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	11.8	84
172	Target Detection Method for Water Mapping Using Landsat 8 OLI/TIRS Imagery. <i>Water (Switzerland)</i> , 2015 , 7, 794-817	3	54
171	Seasonal Land Cover Dynamics in Beijing Derived from Landsat 8 Data Using a Spatio-Temporal Contextual Approach. <i>Remote Sensing</i> , 2015 , 7, 865-881	5	15
170	Improving the Accuracy of the Water Surface Cover Type in the 30 m FROM-GLC Product. <i>Remote Sensing</i> , 2015 , 7, 13507-13527	5	41
169	Integrating ensemble-urban cellular automata model with an uncertainty map to improve the performance of a single model. <i>International Journal of Geographical Information Science</i> , 2015 , 29, 762-785	4.1	37
168	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	6.2	25
167	Perspectives on Space and Time in US and Chinese Science 2015 , 7-19		
166	Efficient corn and soybean mapping with temporal extendability: A multi-year experiment using Landsat imagery. <i>Remote Sensing of Environment</i> , 2014 , 140, 1-13	13.2	203
165	Towards a common validation sample set for global land-cover mapping. <i>International Journal of Remote Sensing</i> , 2014 , 35, 4795-4814	3.1	113
164	Forest Canopy Height Extraction in Rugged Areas With ICESat/GLAS Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 4650-4657	8.1	19
163	Wetlands explain most in the genetic divergence pattern of <i>Oncomelania hupensis</i> . <i>Infection, Genetics and Evolution</i> , 2014 , 27, 436-44	4.5	9
162	Meta-discoveries from a synthesis of satellite-based land-cover mapping research. <i>International Journal of Remote Sensing</i> , 2014 , 35, 4573-4588	3.1	101
161	Comparison of Classification Algorithms and Training Sample Sizes in Urban Land Classification with Landsat Thematic Mapper Imagery. <i>Remote Sensing</i> , 2014 , 6, 964-983	5	232
160	Mapping Mountain Pine Beetle Mortality through Growth Trend Analysis of Time-Series Landsat Data. <i>Remote Sensing</i> , 2014 , 6, 5696-5716	5	30
159	Climate change: The necessary, the possible and the desirable Earth League climate statement on the implications for climate policy from the 5th IPCC Assessment. <i>Earth's Future</i> , 2014 , 2, 606-611	7.9	16
158	Soil diversity as affected by land use in China: consequences for soil protection. <i>Scientific World Journal, The</i> , 2014 , 2014, 913852	2.2	7

157	A Circa 2010 Thirty Meter Resolution Forest Map for China. <i>Remote Sensing</i> , 2014 , 6, 5325-5343	5	25
156	Global-Scale Associations of Vegetation Phenology with Rainfall and Temperature at a High Spatio-Temporal Resolution. <i>Remote Sensing</i> , 2014 , 6, 7320-7338	5	26
155	A 30 meter land cover mapping of China with an efficient clustering algorithm CBEST. <i>Science China Earth Sciences</i> , 2014 , 57, 2293-2304	4.6	14
154	High-resolution remote sensing mapping of global land water. <i>Science China Earth Sciences</i> , 2014 , 57, 2305-2316	4.6	52
153	Characterizing recent and projecting future potential patterns of mountain pine beetle outbreaks in the Southern Rocky Mountains. <i>Applied Geography</i> , 2014 , 55, 165-175	4.4	14
152	Dynamic assessment of the impact of drought on agricultural yield and scale-dependent return periods over large geographic regions. <i>Environmental Modelling and Software</i> , 2014 , 62, 454-464	5.2	38
151	A multi-resolution global land cover dataset through multisource data aggregation. <i>Science China Earth Sciences</i> , 2014 , 57, 2317-2329	4.6	89
150	Suitability mapping of global wetland areas and validation with remotely sensed data. <i>Science China Earth Sciences</i> , 2014 , 57, 2283-2292	4.6	19
149	Freeboard and mass extraction of the disintegrated Mertz Ice Tongue with remote sensing and altimetry data. <i>Remote Sensing of Environment</i> , 2014 , 144, 1-10	13.2	10
148	Monitoring dynamic changes of global land cover types: fluctuations of major lakes in China every 8 days during 2000-2010. <i>Science Bulletin</i> , 2014 , 59, 171-189		66
147	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	102
146	An improved Landsat Image Mosaic of Antarctica. <i>Science China Earth Sciences</i> , 2013 , 56, 1-12	4.6	16
145	Societal response to challenges of global change and human sustainable development. <i>Science Bulletin</i> , 2013 , 58, 3161-3168		15
144	Preliminary estimation of the organic carbon pool in China's wetlands. <i>Science Bulletin</i> , 2013 , 58, 662-670		33
143	Clustering based on eigenspace transformation (CBEST) for efficient classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013 , 83, 64-80	11.8	11
142	The role of satellite remote sensing in climate change studies. <i>Nature Climate Change</i> , 2013 , 3, 875-883	21.4	230
141	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	3.1	935
140	Bird watching in China reveals bird distribution changes. <i>Science Bulletin</i> , 2013 , 58, 649-656		18

139	MODIS detected surface urban heat islands and sinks: Global locations and controls. <i>Remote Sensing of Environment</i> , 2013 , 134, 294-304	13.2	263
138	Improving 30 m 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	3.1	123
137	Water-level changes in China's large lakes determined from ICESat/GLAS data. <i>Remote Sensing of Environment</i> , 2013 , 132, 131-144	13.2	142
136	The impacts of climate change and human activities on biogeochemical cycles on the Qinghai-Tibetan Plateau. <i>Global Change Biology</i> , 2013 , 19, 2940-55	11.4	428
135	The Need for Improved Maps of Global Cropland. <i>Eos</i> , 2013 , 94, 31-32	1.5	52
134	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	5	44
133	Different environmental drivers of highly pathogenic avian influenza H5N1 outbreaks in poultry and wild birds. <i>PLoS ONE</i> , 2013 , 8, e53362	3.7	53
132	Lake Water Footprint Identification From Time-Series ICESat/GLAS Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012 , 9, 333-337	4.1	25
131	Urbanisation and health in China. <i>Lancet, The</i> , 2012 , 379, 843-52	40	735
130	Foliage Clumping Index Over China's Landmass Retrieved From the MODIS BRDF Parameters Product. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012 , 50, 2122-2137	8.1	33
129	2012,		2
128	Comparison and improvement of methods for identifying waterbodies in remotely sensed imagery. <i>International Journal of Remote Sensing</i> , 2012 , 33, 6854-6875	3.1	119
127	Spectral mixture analysis for bi-sensor wetland mapping using Landsat TM and Terra MODIS data. <i>International Journal of Remote Sensing</i> , 2012 , 33, 3373-3401	3.1	34
126	Landscape analysis of wetland plant functional types: The effects of image segmentation scale, vegetation classes and classification methods. <i>Remote Sensing of Environment</i> , 2012 , 127, 357-369	13.2	112
125	Bi-scale analysis of multitemporal land cover fractions for wetland vegetation mapping. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012 , 72, 1-15	11.8	25
124	A new time series vegetation-water index of phenological-hydrological trait across species and functional types for Poyang Lake wetland ecosystem. <i>Remote Sensing of Environment</i> , 2012 , 125, 49-63	13.2	63
123	Measuring Detailed Urban Vegetation with Multisource High-Resolution Remote Sensing Imagery for Environmental Design and Planning. <i>Environment and Planning B: Planning and Design</i> , 2012 , 39, 566-585		10
122	Automatic extraction of floating ice at Antarctic continental margin from remotely sensed imagery using object-based segmentation. <i>Science China Earth Sciences</i> , 2012 , 55, 622-632	4.6	5

121	Protection efficacy of national wetland reserves in China. <i>Science Bulletin</i> , 2012 , 57, 1116-1134		60
120	Remote sensing of environmental change over China: A review. <i>Science Bulletin</i> , 2012 , 57, 2793-2801		46
119	China's urban expansion from 1990 to 2010 determined with satellite remote sensing. <i>Science Bulletin</i> , 2012 , 57, 2802-2812		220
118	Mapping wetland changes in China between 1978 and 2008. <i>Science Bulletin</i> , 2012 , 57, 2813-2823		187
117	Change of surface cover greenness in China between 2000 and 2010. <i>Science Bulletin</i> , 2012 , 57, 2835-2845		51
116	China's new leaders must keep science in focus. <i>Nature</i> , 2012 , 491, 161	50.4	2
115	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	3.1	193
114	Phenology-based Crop Classification Algorithm and its Implications on Agricultural Water Use Assessments in California's Central Valley. <i>Photogrammetric Engineering and Remote Sensing</i> , 2012 , 78, 799-813	1.6	44
113	A phenology-based approach to map crop types in the San Joaquin Valley, California. <i>International Journal of Remote Sensing</i> , 2011 , 32, 7777-7804	3.1	80
112	Forest cover classification by optimal segmentation of high resolution satellite imagery. <i>Sensors</i> , 2011 , 11, 1943-58	3.8	41
111	Object-based analysis and change detection of major wetland cover types and their classification uncertainty during the low water period at Poyang Lake, China. <i>Remote Sensing of Environment</i> , 2011 , 115, 3220-3236	13.2	193
110	Automated Methods for Measuring DBH and Tree Heights with a Commercial Scanning Lidar. <i>Photogrammetric Engineering and Remote Sensing</i> , 2011 , 77, 219-227	1.6	61
109	More protection for China's wetlands. <i>Nature</i> , 2011 , 471, 305	50.4	41
108	China must reduce fertilizer use too. <i>Nature</i> , 2011 , 473, 284-5	50.4	47
107	ICESat GLAS Data for Urban Environment Monitoring. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011 , 49, 1158-1172	8.1	38
106	China needs no foreign help to feed itself. <i>Nature</i> , 2011 , 474, 7	50.4	21
105	Residential area extraction by integrating supervised/unsupervised/contextual/object-based methods with moderate resolution remotely sensed data 2011 ,		1
104	Earth science applications of ICESat/GLAS: a review. <i>International Journal of Remote Sensing</i> , 2011 , 32, 8837-8864	3.1	79

103	China: invest wisely in sustainable water use. <i>Science</i> , 2011 , 331, 1264-5	33.3	21
102	Design and implementation of a wireless sensor network-based remote water-level monitoring system. <i>Sensors</i> , 2011 , 11, 1706-20	3.8	14
101	Remote sensing-based time-series analysis of cheatgrass (<i>Bromus tectorum</i> L.) phenology. <i>Journal of Environmental Quality</i> , 2010 , 39, 955-63	3.4	34
100	Automated building change detection using UltraCamD images and existing CAD data. <i>International Journal of Remote Sensing</i> , 2010 , 31, 1505-1517	3.1	9
99	Guest editors' preface: Geoinformatics 2007. <i>International Journal of Remote Sensing</i> , 2010 , 31, 1373-1377		
98	Removing shadows from Google Earth images. <i>International Journal of Remote Sensing</i> , 2010 , 31, 1379-1389	3.8	19
97	A monitoring system for vegetable greenhouses based on a wireless sensor network. <i>Sensors</i> , 2010 , 10, 8963-80	3.8	36
96	Spatially explicit agent-based modelling for schistosomiasis transmission: human-environment interaction simulation and control strategy assessment. <i>Epidemics</i> , 2010 , 2, 49-65	5.1	15
95	A Spectral Index for Estimating Soil Salinity in the Yellow River Delta Region of China Using EO-1 Hyperion Data. <i>Pedosphere</i> , 2010 , 20, 378-388	5	82
94	A new volume formula for a simplex and its application to endmember extraction for hyperspectral image analysis. <i>International Journal of Remote Sensing</i> , 2010 , 31, 1027-1035	3.1	15
93	A refined marker controlled watershed for building extraction from DSM and imagery. <i>International Journal of Remote Sensing</i> , 2010 , 31, 1441-1452	3.1	8
92	Settlement extraction in the North China Plain using Landsat and Beijing-1 multispectral data with an improved watershed segmentation algorithm. <i>International Journal of Remote Sensing</i> , 2010 , 31, 1411-1426	3.1	21
91	Accuracy Assessment Measures for Object-based Image Segmentation Goodness. <i>Photogrammetric Engineering and Remote Sensing</i> , 2010 , 76, 289-299	1.6	224
90	A Modified PSO Algorithm for Remote Sensing Image Template Matching. <i>Photogrammetric Engineering and Remote Sensing</i> , 2010 , 76, 379-389	1.6	8
89	China's wetland change (1990-2000) determined by remote sensing. <i>Science China Earth Sciences</i> , 2010 , 53, 1036-1042	4.6	148
88	Detection of the urban heat island in Beijing using HJ-1B satellite imagery. <i>Science China Earth Sciences</i> , 2010 , 53, 67-73	4.6	15
87	Combining spatial-temporal and phylogenetic analysis approaches for improved understanding on global H5N1 transmission. <i>PLoS ONE</i> , 2010 , 5, e13575	3.7	70
86	Improving Measurement of Forest Structural Parameters by Co-Registering of High Resolution Aerial Imagery and Low Density LiDAR Data. <i>Sensors</i> , 2009 , 9, 1541-58	3.8	32

85	Unsupervised spectropolarimetric imagery clustering fusion. <i>Journal of Applied Remote Sensing</i> , 2009 , 3, 033535	1.4	
84	Land cover change detection with a cross-correlogram spectral matching algorithm. <i>International Journal of Remote Sensing</i> , 2009 , 30, 3259-3273	3.1	27
83	Retrieving photometric properties of desert surfaces in China using the Hapke model and MISR data. <i>Remote Sensing of Environment</i> , 2009 , 113, 213-223	13.2	23
82	Geographical characteristics of China's wetlands derived from remotely sensed data. <i>Science in China Series D: Earth Sciences</i> , 2009 , 52, 723-738		80
81	Spatial analysis of plague in California: niche modeling predictions of the current distribution and potential response to climate change. <i>International Journal of Health Geographics</i> , 2009 , 8, 38	3.5	62
80	Can you see green? Assessing the visibility of urban forests in cities. <i>Landscape and Urban Planning</i> , 2009 , 91, 97-104	7.7	122
79	A readapted Malone schistosome transmission index model. <i>Acta Tropica</i> , 2009 , 109, 98-102	3.2	2
78	Meta-Prediction of Bromus tectorum Invasion in Central Utah, United States. <i>Photogrammetric Engineering and Remote Sensing</i> , 2009 , 75, 689-701	1.6	6
77	Accuracies of Global Land Cover Maps Checked against Fluxnet Sites. <i>Science Foundation in China</i> , 2009 , 16, 31-35		3
76	Object-based Detection and Classification of Vehicles from High-resolution Aerial Photography. <i>Photogrammetric Engineering and Remote Sensing</i> , 2009 , 75, 871-880	1.6	34
75	Satellite imagery can support water planning in the Central Valley. <i>California Agriculture</i> , 2009 , 63, 220-224		4
74	Spatio-Temporal Distribution of Malaria in Yunnan Province, China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009 , 81, 503-509	3.2	49
73	Quantifying air pollution removal by green roofs in Chicago. <i>Atmospheric Environment</i> , 2008 , 42, 7266-7273	3.3	417
72	Using classification and NDVI differencing methods for monitoring sparse vegetation coverage: a case study of saltcedar in Nevada, USA. <i>International Journal of Remote Sensing</i> , 2008 , 29, 3987-4011	3.1	59
71	Spatial and Temporal Change of Urban Vegetation Distribution in Beijing 2008 , 346-356		0
70	Modeling radiation and photosynthesis of a heterogeneous savanna woodland landscape with a hierarchy of model complexities. <i>Agricultural and Forest Meteorology</i> , 2008 , 148, 1005-1020	5.8	57
69	Modelling spatial-temporal change of Poyang Lake using multitemporal Landsat imagery. <i>International Journal of Remote Sensing</i> , 2008 , 29, 5767-5784	3.1	174
68	Reflectance spectroscopy for the assessment of soil salt content in soils of the Yellow River Delta of China. <i>International Journal of Remote Sensing</i> , 2008 , 29, 5511-5531	3.1	35

67	Object Detection by Spectropolarimetric Imagery Fusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008 , 46, 3337-3345	8.1	32
66	Using CASI Hyperspectral Imagery to Detect Mortality and Vegetation Stress Associated with a New Hardwood Forest Disease. <i>Photogrammetric Engineering and Remote Sensing</i> , 2008 , 74, 65-75	1.6	36
65	Factors Affecting Spatial Variation of Classification Uncertainty in an Image Object-based Vegetation Mapping. <i>Photogrammetric Engineering and Remote Sensing</i> , 2008 , 74, 1007-1018	1.6	21
64	Comparative Analysis of EO-1 ALI and Hyperion, and Landsat ETM+ Data for Mapping Forest Crown Closure and Leaf Area Index. <i>Sensors</i> , 2008 , 8, 3744-3766	3.8	40
63	Spectral mixture analysis for mapping abundance of urban surface components from the Terra/ASTER data. <i>Remote Sensing of Environment</i> , 2008 , 112, 939-954	13.2	78
62	Tree density estimation in a tropical woodland ecosystem with multiangular MISR and MODIS data. <i>Remote Sensing of Environment</i> , 2008 , 112, 2523-2537	13.2	11
61	Invasive species change detection using artificial neural networks and CASI hyperspectral imagery. <i>Environmental Monitoring and Assessment</i> , 2008 , 140, 15-32	3.1	24
60	Synchronous estimation of DTM and fractional vegetation cover in forested area from airborne LIDAR height and intensity data. <i>Science in China Series D: Earth Sciences</i> , 2008 , 51, 176-187		15
59	Using local transition probability models in Markov random fields for forest change detection. <i>Remote Sensing of Environment</i> , 2008 , 112, 2222-2231	13.2	71
58	A neural network-based scheme coupled with the RPV model inversion package. <i>Remote Sensing of Environment</i> , 2008 , 112, 3271-3283	13.2	6
57	Environmental factors contributing to the spread of H5N1 avian influenza in mainland China. <i>PLoS ONE</i> , 2008 , 3, e2268	3.7	111
56	Detection of individual trees and estimation of tree height using LiDAR data. <i>Journal of Forest Research</i> , 2007 , 12, 425-434	1.4	163
55	Analysis on the Waterbirds Community Survey of Poyang Lake in Winter. <i>Annals of GIS</i> , 2007 , 13, 51-64	4.1	21
54	A Mechanism Study of Reflectance Spectroscopy for Investigating Heavy Metals in Soils. <i>Soil Science Society of America Journal</i> , 2007 , 71, 918-926	2.5	131
53	Estimating Basal Area and Stem Volume for Individual Trees from Lidar Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2007 , 73, 1355-1365	1.6	108
52	Filtering Airborne Laser Scanning Data with Morphological Methods. <i>Photogrammetric Engineering and Remote Sensing</i> , 2007 , 73, 175-185	1.6	185
51	Land-use/Land-cover Classification with Multispectral and Hyperspectral EO-1 Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2007 , 73, 955-965	1.6	49
50	Characterizing spatial-temporal tree mortality patterns associated with a new forest disease. <i>Forest Ecology and Management</i> , 2007 , 253, 220-231	3.9	35

49	Applying class-based feature extraction approaches for supervised classification of hyperspectral imagery. <i>Canadian Journal of Remote Sensing</i> , 2007 , 33, 162-175	1.8	4
48	An Object-Based Classification Approach in Mapping Tree Mortality Using High Spatial Resolution Imagery. <i>GIScience and Remote Sensing</i> , 2007 , 44, 24-47	4.8	66
47	A spatial-temporal approach to monitoring forest disease spread using multi-temporal high spatial resolution imagery. <i>Remote Sensing of Environment</i> , 2006 , 101, 167-180	13.2	106
46	Remote sensing and geographic information systems in the spatial temporal dynamics modeling of infectious diseases. <i>Science in China Series C: Life Sciences</i> , 2006 , 49, 573-82		13
45	Quantification of pollutants emitted from very large wildland fires in Southern California, USA. <i>Atmospheric Environment</i> , 2006 , 40, 3686-3695	5.3	41
44	Object-based Detailed Vegetation Classification with Airborne High Spatial Resolution Remote Sensing Imagery. <i>Photogrammetric Engineering and Remote Sensing</i> , 2006 , 72, 799-811	1.6	531
43	Susceptibility and Infection Risk of Schistosomiasis Disease. <i>Annals of GIS</i> , 2006 , 12, 44-50	4.1	
42	An Automatic Method for Matching 2D ADS40 Images onto a 3D Surface Model. <i>Annals of GIS</i> , 2006 , 12, 92-97	4.1	
41	Automatic Registration of Airborne Images with Complex Local Distortion. <i>Photogrammetric Engineering and Remote Sensing</i> , 2006 , 72, 1049-1059	1.6	17
40	Isolating Individual Trees in a Savanna Woodland Using Small Footprint Lidar Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2006 , 72, 923-932	1.6	328
39	Spatial analysis of hemorrhagic fever with renal syndrome in China. <i>BMC Infectious Diseases</i> , 2006 , 6, 77	4	84
38	A Spatial-Temporal Model for Assessing the Effects of Intervillage Connectivity in Schistosomiasis Transmission. <i>Annals of the American Association of Geographers</i> , 2006 , 96, 31-46		39
37	Assessment of multi-resolution and multi-sensor data for urban surface temperature retrieval. <i>Remote Sensing of Environment</i> , 2006 , 104, 211-225	13.2	147
36	Estimation of yellow starthistle abundance through CASI-2 hyperspectral imagery using linear spectral mixture models. <i>Remote Sensing of Environment</i> , 2006 , 101, 329-341	13.2	74
35	Hyperspectral characteristics of canopy components and structure for phenological assessment of an invasive weed. <i>Environmental Monitoring and Assessment</i> , 2006 , 120, 109-26	3.1	26
34	Use of Satellite Remote Sensing Data for Modeling Carbon Emissions from Fires: A Perspective in North America 2006 , 337-362		2
33	Separation of Dead Tree Crowns from the Oak Woodland Forest Mosaic by Integrating Spatial Information. <i>Geocarto International</i> , 2005 , 20, 15-20	2.7	2
32	Cover: Monitoring of invasive Tamarix distribution and effects of biological control with airborne hyperspectral remote sensing. <i>International Journal of Remote Sensing</i> , 2005 , 26, 2487-2489	3.1	19

31	Land cover assessment with MODIS imagery in southern African Miombo ecosystems. <i>Remote Sensing of Environment</i> , 2005 , 98, 429-441	13.2	54
30	Detection of Recently Constructed Multi-storey Buildings Using SPOT Panchromatic and Landsat TM/ETM+ Data. <i>Geocarto International</i> , 2005 , 20, 3-13	2.7	2
29	Change Detection from SPOT-Panchromatic Imagery at the Urban-rural Fringe of Ho Chi Minh City, Vietnam. <i>Annals of GIS</i> , 2004 , 10, 42-48	4.1	2
28	Individual Tree-Crown Delineation and Treetop Detection in High-Spatial-Resolution Aerial Imagery. <i>Photogrammetric Engineering and Remote Sensing</i> , 2004 , 70, 351-357	1.6	208
27	Automatic variogram parameter extraction for textural classification of the panchromatic IKONOS imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2004 , 42, 1106-1115	8.1	35
26	Determination of Burnt Scars Using Logistic Regression and Neural Network Techniques from a Single Post-Fire Landsat 7 ETM + Image. <i>Photogrammetric Engineering and Remote Sensing</i> , 2004 , 70, 841-850	1.6	36
25	Snail Density Prediction for Schistosomiasis Control Using Ikonos and ASTER Images. <i>Photogrammetric Engineering and Remote Sensing</i> , 2004 , 70, 1285-1294	1.6	31
24	Land-Use/Land-Cover Change Detection Using Improved Change-Vector Analysis. <i>Photogrammetric Engineering and Remote Sensing</i> , 2003 , 69, 369-379	1.6	218
23	Comparison of Gray-Level Reduction and Different Texture Spectrum Encoding Methods for Land-Use Classification Using a Panchromatic Ikonos Image. <i>Photogrammetric Engineering and Remote Sensing</i> , 2003 , 69, 529-536	1.6	39
22	Estimation of forest leaf area index using vegetation indices derived from Hyperion hyperspectral data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2003 , 41, 1355-1362	8.1	223
21	Crown closure estimation of oak savannah in a dry season with Landsat TM imagery: Comparison of various indices through correlation analysis. <i>International Journal of Remote Sensing</i> , 2003 , 24, 1811-1822	3.1	40
20	Information fusion for rural land-use classification with high-resolution satellite imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2003 , 41, 883-890	8.1	39
19	Remote Sensing of Forests Over Time 2003 , 301-333		21
18	Dimension Reduction of Hyperspectral Images for Classification Applications. <i>Annals of GIS</i> , 2002 , 8, 1-8	4.1	9
17	Assessment of NDVI Composites Using Merged NOAA-14 and NOAA-15 AVHRR Data. <i>Annals of GIS</i> , 2002 , 8, 31-38	4.1	
16	Photo Ecometrics for Natural Resource Monitoring 2002 , 65-80		2
15	Band Selection from Hyperspectral Data for Conifer Species Identification. <i>Annals of GIS</i> , 2000 , 6, 137-142	4.1	5
14	Technical Note: Use of Digital Surface Model for Hardwood Rangeland Monitoring. <i>Journal of Range Management</i> , 2000 , 53, 622		27

13	China's new forest policy. <i>Science</i> , 2000 , 289, 2049-50	33.3	25
12	Predicting Land-Cover Changes with Gray Systems Theory and Multitemporal Aerial Photographs. <i>Annals of GIS</i> , 1998 , 4, 73-79	4.1	
11	Linear Feature Modeling with Curve Fitting: Parametric Polynomial Techniques. <i>Annals of GIS</i> , 1997 , 3, 7-19	4.1	
10	Road Network Extraction from High Resolution Airborne Digital Camera Data. <i>Annals of GIS</i> , 1997 , 3, 51-59	4.1	1
9	Metabolic and Phenological Response of Vegetation to Temperature Gradient: Evidence Derived from AVHRR Data. <i>Annals of GIS</i> , 1996 , 2, 64-72	4.1	
8	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 1994 , 32, 1067-1080	8.1	53
7	A comparison of spatial feature extraction algorithms for land-use classification with SPOT HRV data. <i>Remote Sensing of Environment</i> , 1992 , 40, 137-151	13.2	221
6	Estimating net primary productivity of terrestrial vegetation based on remote sensing: a case study in Inner Mongolia, China		2
5	Global Economic Cost of Deaths Attributable to Ambient Air Pollution: Disproportionate Burden on the Ageing Population		1
4	Assessing the ecological vulnerability of protected areas by using Big Earth Data. <i>International Journal of Digital Earth</i> , 1-14	3.9	6
3	Recent expansion of oil palm plantations into carbon-rich forests. <i>Nature Sustainability</i> ,	22.1	1
2	A study of the serious conflicts between oil palm expansion and biodiversity conservation using high-resolution remote sensing. <i>Remote Sensing Letters</i> , 1-15	2.3	
1	Diversity in global urban sprawl patterns revealed by Zipfian dynamics. <i>Remote Sensing Letters</i> , 1-11	2.3	