

Andrew K Skidmore

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5959271/publications.pdf>

Version: 2024-02-01

374
papers

29,218
citations

6606

79
h-index

6990

154
g-index

383
all docs

383
docs citations

383
times ranked

30737
citing authors

#	ARTICLE	IF	CITATIONS
1	Verifying Indigenous based-claims to forest rights using image interpretation and spatial analysis: a case study in Gunung Lumut Protection Forest, East Kalimantan, Indonesia. <i>Geo Journal</i> , 2022, 87, 403-421.	1.7	5
2	Linking the past and present to predict the distribution of Asian crested ibis (<i>Nipponia nippon</i>) under global changes. <i>Integrative Zoology</i> , 2022, 17, 1095-1105.	1.3	5
3	Harmonizing Forest Conservation Policies with Essential Biodiversity Variables Incorporating Remote Sensing and Environmental DNA Technologies. <i>Forests</i> , 2022, 13, 445.	0.9	7
4	Remote Sensing of Geomorphodiversity Linked to Biodiversity—Part III: Traits, Processes and Remote Sensing Characteristics. <i>Remote Sensing</i> , 2022, 14, 2279.	1.8	13
5	Role of Sampling Design When Predicting Spatially Dependent Ecological Data With Remote Sensing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 663-674.	2.7	7
6	Mapping leaf area index in a mixed temperate forest using Fenix airborne hyperspectral data and Gaussian processes regression. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 95, 102242.	1.4	16
7	Machine learning methods' performance in radiative transfer model inversion to retrieve plant traits from Sentinel-2 data of a mixed mountain forest. <i>International Journal of Digital Earth</i> , 2021, 14, 106-120.	1.6	27
8	The impact of voxel size, forest type, and understory cover on visibility estimation in forests using terrestrial laser scanning. <i>GIScience and Remote Sensing</i> , 2021, 58, 323-339.	2.4	8
9	Canopy chlorophyll content retrieved from time series remote sensing data as a proxy for detecting bark beetle infestation. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 22, 100524.	0.8	3
10	Priority list of biodiversity metrics to observe from space. <i>Nature Ecology and Evolution</i> , 2021, 5, 896-906.	3.4	101
11	rasterdiv—An Information Theory tailored R package for measuring ecosystem heterogeneity from space: To the origin and back. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1093-1102.	2.2	33
12	Towards the Spectral Mapping of Plastic Debris on Beaches. <i>Remote Sensing</i> , 2021, 13, 1850.	1.8	11
13	Mapping individual silver fir trees using hyperspectral and LiDAR data in a Central European mixed forest. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 98, 102311.	1.4	4
14	Low-elevation endemic Rhododendrons in China are highly vulnerable to climate and land use change. <i>Ecological Indicators</i> , 2021, 126, 107699.	2.6	9
15	Potential distribution and habitat suitability of <i>Picea crassifolia</i> with climate change scenarios. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1903-1915.	0.8	3
16	Comparative Evaluation of Algorithms for Leaf Area Index Estimation from Digital Hemispherical Photography through Virtual Forests. <i>Remote Sensing</i> , 2021, 13, 3325.	1.8	6
17	The critical role of tree species and human disturbance in determining the macrofungal diversity in Europe. <i>Global Ecology and Biogeography</i> , 2021, 30, 2084-2100.	2.7	9
18	A laboratory for conceiving Essential Biodiversity Variables (EBVs)—The "Data pool initiative for the Bohemian Forest Ecosystem". <i>Methods in Ecology and Evolution</i> , 2021, 12, 2073-2083.	2.2	4

#	ARTICLE	IF	CITATIONS
19	Satellite-based modelling of potential tsetse (<i>Glossina pallidipes</i>) breeding and foraging sites using teneral and non-teneral fly occurrence data. <i>Parasites and Vectors</i> , 2021, 14, 506.	1.0	5
20	Thermal infrared remote sensing of vegetation: Current status and perspectives. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102415.	1.4	15
21	Estimating fine-scale visibility in a temperate forest landscape using airborne laser scanning. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 103, 102478.	1.4	5
22	Quantifying Marine Plastic Debris in a Beach Environment Using Spectral Analysis. <i>Remote Sensing</i> , 2021, 13, 4548.	1.8	5
23	Improving LiDAR-based tree species mapping in Central European mixed forests using multi-temporal digital aerial colour-infrared photographs. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 84, 101970.	1.4	18
24	Effects of prediction accuracy of the proportion of vegetation cover on land surface emissivity and temperature using the NDVI threshold method. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 85, 101984.	1.4	47
25	Comparing methods for mapping canopy chlorophyll content in a mixed mountain forest using Sentinel-2 data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 87, 102037.	1.4	42
26	A satellite data driven approach to monitoring and reporting fire disturbance and recovery across boreal and temperate forests. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 87, 102034.	1.4	26
27	Linking the Remote Sensing of Geodiversity and Traits Relevant to Biodiversity—Part II: Geomorphology, Terrain and Surfaces. <i>Remote Sensing</i> , 2020, 12, 3690.	1.8	20
28	Potential invasion range of raccoon in Iran under climate change. <i>European Journal of Wildlife Research</i> , 2020, 66, 1.	0.7	4
29	The effectiveness of fuel reduction burning for wildfire mitigation in sclerophyll forests. <i>Australian Forestry</i> , 2020, 83, 255-264.	0.3	21
30	Mapping Canopy Chlorophyll Content in a Temperate Forest Using Airborne Hyperspectral Data. <i>Remote Sensing</i> , 2020, 12, 3573.	1.8	19
31	Evaluation of a new 18-year MODIS-derived surface water fraction dataset for constructing Mediterranean wetland open surface water dynamics. <i>Journal of Hydrology</i> , 2020, 587, 124956.	2.3	6
32	Evaluating Prediction Models for Mapping Canopy Chlorophyll Content Across Biomes. <i>Remote Sensing</i> , 2020, 12, 1788.	1.8	7
33	Modeling movement, distributions, diversity, and disturbance: introduction to the fifth special issue on spatial ecology. <i>International Journal of Geographical Information Science</i> , 2020, 34, 1503-1507.	2.2	2
34	Worsening of tree-related public health issues under climate change. <i>Nature Plants</i> , 2020, 6, 48-48.	4.7	8
35	A voxel matching method for effective leaf area index estimation in temperate deciduous forests from leaf-on and leaf-off airborne LiDAR data. <i>Remote Sensing of Environment</i> , 2020, 240, 111696.	4.6	20
36	Identifying Birds' Collision Risk with Wind Turbines Using a Multidimensional Utilization Distribution Method. <i>Wildlife Society Bulletin</i> , 2020, 44, 191-199.	1.6	10

#	ARTICLE	IF	CITATIONS
37	Sentinel-2 accurately maps green attack stage of European spruce bark beetle (<i>Ips typographus</i> , L.) compared with Landsat-8. <i>Remote Sensing in Ecology and Conservation</i> , 2019, 5, 87-106.	2.2	95
38	Advances in active fire detection using a multi-temporal method for next-generation geostationary satellite data. <i>International Journal of Digital Earth</i> , 2019, 12, 1030-1045.	1.6	28
39	Timing of red-edge and shortwave infrared reflectance critical for early stress detection induced by bark beetle (<i>Ips typographus</i> , L.) attack. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 82, 101900.	1.4	22
40	Relating X-band SAR Backscattering to Leaf Area Index of Rice in Different Phenological Phases. <i>Remote Sensing</i> , 2019, 11, 1462.	1.8	12
41	Evaluating the performance of PROSPECT in the retrieval of leaf traits across canopy throughout the growing season. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 83, 101919.	1.4	12
42	High fire disturbance in forests leads to longer recovery, but varies by forest type. <i>Remote Sensing in Ecology and Conservation</i> , 2019, 5, 376-388.	2.2	11
43	Comparison of terrestrial LiDAR and digital hemispherical photography for estimating leaf angle distribution in European broadleaf beech forests. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 158, 76-89.	4.9	13
44	A new dense 18-year time series of surface water fraction estimates from MODIS for the Mediterranean region. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3037-3056.	1.9	21
45	Accurate modelling of canopy traits from seasonal Sentinel-2 imagery based on the vertical distribution of leaf traits. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 157, 108-123.	4.9	31
46	Validating the Predictive Power of Statistical Models in Retrieving Leaf Dry Matter Content of a Coastal Wetland from a Sentinel-2 Image. <i>Remote Sensing</i> , 2019, 11, 1936.	1.8	6
47	Identifying rice stress on a regional scale from multi-temporal satellite images using a Bayesian method. <i>Environmental Pollution</i> , 2019, 247, 488-498.	3.7	9
48	Variation of leaf angle distribution quantified by terrestrial LiDAR in natural European beech forest. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 148, 208-220.	4.9	49
49	Heavy metal pollution at mine sites estimated from reflectance spectroscopy following correction for skewed data. <i>Environmental Pollution</i> , 2019, 252, 1117-1124.	3.7	25
50	Spatially-explicit modelling with support of hyperspectral data can improve prediction of plant traits. <i>Remote Sensing of Environment</i> , 2019, 231, 111200.	4.6	16
51	Poaching lowers elephant path tortuosity: implications for conservation. <i>Journal of Wildlife Management</i> , 2019, 83, 1022-1031.	0.7	16
52	An approach for heavy metal pollution detected from spatio-temporal stability of stress in rice using satellite images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 80, 230-239.	1.4	2
53	Analysis of Sentinel-2 and RapidEye for Retrieval of Leaf Area Index in a Saltmarsh Using a Radiative Transfer Model. <i>Remote Sensing</i> , 2019, 11, 671.	1.8	44
54	Integration of Landsat-8 Thermal and Visible-Short Wave Infrared Data for Improving Prediction Accuracy of Forest Leaf Area Index. <i>Remote Sensing</i> , 2019, 11, 390.	1.8	15

#	ARTICLE	IF	CITATIONS
55	Mapping leaf chlorophyll content from Sentinel-2 and RapidEye data in spruce stands using the invertible forest reflectance model. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 79, 58-70.	1.4	57
56	Developing a two-step algorithm to estimate the leaf area index of forests with complex structures based on CHRIS/PROBA data. <i>Forest Ecology and Management</i> , 2019, 441, 57-70.	1.4	7
57	Sensitivity of Landsat-8 OLI and TIRS Data to Foliar Properties of Early Stage Bark Beetle (Ips Tj ETQq1 1 0.784314,rgbT /Overlock 10	1.8	33
58	The next widespread bamboo flowering poses a massive risk to the giant panda. <i>Biological Conservation</i> , 2019, 234, 180-187.	1.9	14
59	Classification of Tree Species as Well as Standing Dead Trees Using Triple Wavelength ALS in a Temperate Forest. <i>Remote Sensing</i> , 2019, 11, 2614.	1.8	14
60	Comment on "The global tree restoration potential". <i>Science</i> , 2019, 366, .	6.0	30
61	Linking Remote Sensing and Geodiversity and Their Traits Relevant to Biodiversity"Part I: Soil Characteristics. <i>Remote Sensing</i> , 2019, 11, 2356.	1.8	46
62	Estimation of forest leaf water content through inversion of a radiative transfer model from LiDAR and hyperspectral data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 74, 120-129.	1.4	17
63	A fusion approach to forest disturbance mapping using time series ensemble techniques. <i>Remote Sensing of Environment</i> , 2019, 221, 188-197.	4.6	51
64	Climate and land use changes will degrade the distribution of Rhododendrons in China. <i>Science of the Total Environment</i> , 2019, 659, 515-528.	3.9	57
65	ELSA: Entropy-based local indicator of spatial association. <i>Spatial Statistics</i> , 2019, 29, 66-88.	0.9	27
66	Leaf to canopy upscaling approach affects the estimation of canopy traits. <i>GIScience and Remote Sensing</i> , 2019, 56, 554-575.	2.4	27
67	Incorporating knowledge uncertainty into species distribution modelling. <i>Biodiversity and Conservation</i> , 2019, 28, 571-588.	1.2	5
68	Quantification of occlusions influencing the tree stem curve retrieving from single-scan terrestrial laser scanning data. <i>Forest Ecosystems</i> , 2019, 6, .	1.3	13
69	Mapping forest canopy nitrogen content by inversion of coupled leaf-canopy radiative transfer models from airborne hyperspectral imagery. <i>Agricultural and Forest Meteorology</i> , 2018, 253-254, 247-260.	1.9	67
70	A simple terrain relief index for tuning slope-related parameters of LiDAR ground filtering algorithms. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 143, 181-190.	4.9	20
71	Important LiDAR metrics for discriminating forest tree species in Central Europe. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 137, 163-174.	4.9	97
72	Spectroscopic determination of leaf traits using infrared spectra. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 69, 237-250.	1.4	15

#	ARTICLE	IF	CITATIONS
73	Large off-nadir scan angle of airborne LiDAR can severely affect the estimates of forest structure metrics. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 136, 13-25.	4.9	52
74	Selection of HypsIRI optimal band positions for the earth compositional mapping using HyTES data. Remote Sensing of Environment, 2018, 206, 350-362.	4.6	8
75	Connecting infrared spectra with plant traits to identify species. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 139, 183-200.	4.9	24
76	Vegetation phenology from Sentinel-2 and field cameras for a Dutch barrier island. Remote Sensing of Environment, 2018, 215, 517-529.	4.6	153
77	Expansion of traditional land-use and deforestation: a case study of an adat forest in the Kandilo Subwatershed, East Kalimantan, Indonesia. Journal of Forestry Research, 2018, 29, 495-513.	1.7	17
78	European spruce bark beetle (<i>Ips typographus</i> , L.) green attack affects foliar reflectance and biochemical properties. International Journal of Applied Earth Observation and Geoinformation, 2018, 64, 199-209.	1.4	71
79	Night-day speed ratio of elephants as indicator of poaching levels. Ecological Indicators, 2018, 84, 38-44.	2.6	37
80	Impacts of future climate and land cover changes on threatened mammals in the semi-arid Chinese Altai Mountains. Science of the Total Environment, 2018, 612, 775-787.	3.9	58
81	Foliar and woody materials discriminated using terrestrial LiDAR in a mixed natural forest. International Journal of Applied Earth Observation and Geoinformation, 2018, 64, 43-50.	1.4	61
82	Assessing trends and seasonal changes in elephant poaching risk at the small area level using spatio-temporal Bayesian modeling. International Journal of Geographical Information Science, 2018, 32, 622-636.	2.2	5
83	Remotely sensed spatial heterogeneity as an exploratory tool for taxonomic and functional diversity study. Ecological Indicators, 2018, 85, 983-990.	2.6	35
84	Monitoring the dynamics of surface water fraction from MODIS time series in a Mediterranean environment. International Journal of Applied Earth Observation and Geoinformation, 2018, 66, 135-145.	1.4	22
85	Building essential biodiversity variables (EBVs) of species distribution and abundance at a global scale. Biological Reviews, 2018, 93, 600-625.	4.7	218
86	Measuring Leaf Angle Distribution Using Terrestrial Laser Scanning in a European Beech Forest. , 2018, , ,		0
87	Identification of Griffon Vulture's Flight Types Using High-Resolution Tracking Data. International Journal of Environmental Research, 2018, 12, 313-325.	1.1	10
88	Towards global data products of Essential Biodiversity Variables on species traits. Nature Ecology and Evolution, 2018, 2, 1531-1540.	3.4	163
89	Improving leaf area index (LAI) estimation by correcting for clumping and woody effects using terrestrial laser scanning. Agricultural and Forest Meteorology, 2018, 263, 276-286.	1.9	70
90	Estimating Fire Background Temperature at a Geostationary Scale—An Evaluation of Contextual Methods for AHI-8. Remote Sensing, 2018, 10, 1368.	1.8	9

#	ARTICLE	IF	CITATIONS
91	Machine Learning Using Hyperspectral Data Inaccurately Predicts Plant Traits Under Spatial Dependency. <i>Remote Sensing</i> , 2018, 10, 1263.	1.8	22
92	Tree species classification using plant functional traits from LiDAR and hyperspectral data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 73, 207-219.	1.4	63
93	Understanding Forest Health with Remote Sensing, Part III: Requirements for a Scalable Multi-Source Forest Health Monitoring Network Based on Data Science Approaches. <i>Remote Sensing</i> , 2018, 10, 1120.	1.8	63
94	Adaptive stopping criterion for top-down segmentation of ALS point clouds in temperate coniferous forests. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 141, 265-274.	4.9	23
95	Impact of Vertical Canopy Position on Leaf Spectral Properties and Traits across Multiple Species. <i>Remote Sensing</i> , 2018, 10, 346.	1.8	35
96	Heavy metal-induced stress in rice crops detected using multi-temporal Sentinel-2 satellite images. <i>Science of the Total Environment</i> , 2018, 637-638, 18-29.	3.9	55
97	Understanding and assessing vegetation health by in situ species and remote sensing approaches. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1799-1809.	2.2	45
98	Using Landsat Spectral Indices in Time-Series to Assess Wildfire Disturbance and Recovery. <i>Remote Sensing</i> , 2018, 10, 460.	1.8	81
99	Climatic niche breadth can explain variation in geographical range size of alpine and subalpine plants. <i>International Journal of Geographical Information Science</i> , 2017, 31, 190-212.	2.2	37
100	Identifying leaf traits that signal stress in TIR spectra. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 125, 132-145.	4.9	19
101	Specific leaf area estimation from leaf and canopy reflectance through optimization and validation of vegetation indices. <i>Agricultural and Forest Meteorology</i> , 2017, 236, 162-174.	1.9	40
102	Spatially detailed retrievals of spring phenology from single-season high-resolution image time series. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 59, 19-30.	1.4	32
103	Retrieval of Specific Leaf Area From Landsat-8 Surface Reflectance Data Using Statistical and Physical Models. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 3529-3536.	2.3	28
104	Macroecological conclusions based on IUCN expert maps: A call for caution. <i>Global Ecology and Biogeography</i> , 2017, 26, 930-941.	2.7	66
105	Understanding the effect of landscape fragmentation and vegetation productivity on elephant habitat utilization in Amboseli ecosystem, Kenya. <i>African Journal of Ecology</i> , 2017, 55, 259-269.	0.4	12
106	The Naïve Overfitting Index Selection (NOIS): A new method to optimize model complexity for hyperspectral data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 133, 61-74.	4.9	16
107	Retrieving vegetation canopy water content from hyperspectral thermal measurements. <i>Agricultural and Forest Meteorology</i> , 2017, 247, 365-375.	1.9	26
108	Significant effect of topographic normalization of airborne LiDAR data on the retrieval of plant area index profile in mountainous forests. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 132, 77-87.	4.9	15

#	ARTICLE	IF	CITATIONS
109	Recovery of woody plant species richness in secondary forests in China: a meta-analysis. <i>Scientific Reports</i> , 2017, 7, 10614.	1.6	9
110	Assessing effect of rainfall on rate of alien shrub expansion in a southern African savanna. <i>African Journal of Range and Forage Science</i> , 2017, 34, 39-44.	0.6	8
111	Rhododendron diversity patterns and priority conservation areas in China. <i>Diversity and Distributions</i> , 2017, 23, 1143-1156.	1.9	38
112	Expert system for modelling stopover site selection by barnacle geese. <i>Ecological Modelling</i> , 2017, 359, 398-405.	1.2	3
113	Canopy leaf water content estimated using terrestrial LiDAR. <i>Agricultural and Forest Meteorology</i> , 2017, 232, 152-162.	1.9	46
114	Canopy foliar nitrogen retrieved from airborne hyperspectral imagery by correcting for canopy structure effects. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 54, 84-94.	1.4	35
115	Elephants move faster in small fragments of low productivity in Amboseli ecosystems: Kenya. <i>Geocarto International</i> , 2017, 32, 1243-1253.	1.7	10
116	Monitoring biodiversity change through effective global coordination. <i>Current Opinion in Environmental Sustainability</i> , 2017, 29, 158-169.	3.1	147
117	Automatic Counting of Large Mammals from Very High Resolution Panchromatic Satellite Imagery. <i>Remote Sensing</i> , 2017, 9, 878.	1.8	47
118	Quantifying the Effects of Normalisation of Airborne LiDAR Intensity on Coniferous Forest Leaf Area Index Estimations. <i>Remote Sensing</i> , 2017, 9, 163.	1.8	24
119	THEORETICAL FRAMEWORK FOR SPATIAL PLANNING AND FOREST MANAGEMENT IN INDONESIA: SECURING THE BASIC RIGHTS FOR ADAT PEOPLE. <i>Indonesian Journal of Forestry Research</i> , 2017, 4, 69-83.	0.4	8
120	Vegetation Indices for Mapping Canopy Foliar Nitrogen in a Mixed Temperate Forest. <i>Remote Sensing</i> , 2016, 8, 491.	1.8	63
121	Predicting and understanding spatio-temporal dynamics of species recovery: implications for Asian crested ibis <i>Nipponia nippon</i> conservation in China. <i>Diversity and Distributions</i> , 2016, 22, 893-904.	1.9	20
122	Linking Earth Observation and taxonomic, structural and functional biodiversity: Local to ecosystem perspectives. <i>Ecological Indicators</i> , 2016, 70, 317-339.	2.6	129
123	Environmental parameters linked to the last migratory stage of barnacle geese en route to their breeding sites. <i>Animal Behaviour</i> , 2016, 118, 81-95.	0.8	12
124	Using discrete-return airborne laser scanning to quantify number of canopy strata across diverse forest types. <i>Methods in Ecology and Evolution</i> , 2016, 7, 700-712.	2.2	34
125	Retrieval of vertical leaf water content using terrestrial full-waveform lidar. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
126	Simple and robust methods for remote sensing of canopy chlorophyll content: a comparative analysis of hyperspectral data for different types of vegetation. <i>Plant, Cell and Environment</i> , 2016, 39, 2609-2623.	2.8	109

#	ARTICLE	IF	CITATIONS
127	Estimation of regeneration coverage in a temperate forest by 3D segmentation using airborne laser scanning data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 252-262.	1.4	26
128	Framing the concept of satellite remote sensing essential biodiversity variables: challenges and future directions. <i>Remote Sensing in Ecology and Conservation</i> , 2016, 2, 122-131.	2.2	243
129	Retrieval of leaf area index in different plant species using thermal hyperspectral data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016, 119, 390-401.	4.9	50
130	Elephant poaching risk assessed using spatial and non-spatial Bayesian models. <i>Ecological Modelling</i> , 2016, 338, 60-68.	1.2	13
131	Avoid bias against junior researchers. <i>Nature</i> , 2016, 537, 307-307.	13.7	0
132	Supervised learning events: direct observation of procedural skills pilot. <i>Occupational Medicine</i> , 2016, 66, 656-661.	0.8	2
133	Measuring the response of canopy emissivity spectra to leaf area index variation using thermal hyperspectral data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 53, 40-47.	1.4	15
134	Retrieval of forest leaf functional traits from HySpex imagery using radiative transfer models and continuous wavelet analysis. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016, 122, 68-80.	4.9	41
135	Use of taxonomy to delineate spatial extent of atlas data for species distribution models. <i>Global Ecology and Biogeography</i> , 2016, 25, 227-237.	2.7	9
136	Generating spike-free digital surface models using LiDAR raw point clouds: A new approach for forestry applications. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 104-114.	1.4	55
137	Mapping pollination types with remote sensing. <i>Journal of Vegetation Science</i> , 2016, 27, 999-1011.	1.1	21
138	Changes in thermal infrared spectra of plants caused by temperature and water stress. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016, 111, 22-31.	4.9	78
139	Estimating leaf functional traits by inversion of PROSPECT: Assessing leaf dry matter content and specific leaf area in mixed mountainous forest. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 45, 66-76.	1.4	83
140	Hyper-temporal SPOT-NDVI dataset parameterization captures species distributions. <i>International Journal of Geographical Information Science</i> , 2016, 30, 89-107.	2.2	25
141	Space, time, connectivity and conflict in biological landscapes: the fourth special issue on spatial ecology. <i>International Journal of Geographical Information Science</i> , 2016, 30, 1-4.	2.2	56
142	Effects of Canopy Structural Variables on Retrieval of Leaf Dry Matter Content and Specific Leaf Area From Remotely Sensed Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 898-909.	2.3	29
143	A high-resolution model of bat diversity and endemism for continental Africa. <i>Ecological Modelling</i> , 2016, 320, 9-28.	1.2	72
144	Earth observation as a tool for tracking progress towards the Aichi Biodiversity Targets. <i>Remote Sensing in Ecology and Conservation</i> , 2015, 1, 19-28.	2.2	96

#	ARTICLE	IF	CITATIONS
145	Understanding the Effects of ALS Pulse Density for Metric Retrieval across Diverse Forest Types. <i>Photogrammetric Engineering and Remote Sensing</i> , 2015, 81, 625-635.	0.3	29
146	A wavelet-based approach to evaluate the roles of structural and functional landscape heterogeneity in animal space use at multiple scales. <i>Ecography</i> , 2015, 38, 740-750.	2.1	10
147	Assessing MODIS GPP in Non-Forested Biomes in Water Limited Areas Using EC Tower Data. <i>Remote Sensing</i> , 2015, 7, 3274-3292.	1.8	5
148	Evaluating Different Methods for Grass Nutrient Estimation from Canopy Hyperspectral Reflectance. <i>Remote Sensing</i> , 2015, 7, 5901-5917.	1.8	31
149	Mapping Forest Canopy Height Across Large Areas by Upscaling ALS Estimates with Freely Available Satellite Data. <i>Remote Sensing</i> , 2015, 7, 12563-12587.	1.8	44
150	A Wavelet-Based Area Parameter for Indirectly Estimating Copper Concentration in Carex Leaves from Canopy Reflectance. <i>Remote Sensing</i> , 2015, 7, 15340-15360.	1.8	38
151	Environmental science: Agree on biodiversity metrics to track from space. <i>Nature</i> , 2015, 523, 403-405.	13.7	329
152	3D leaf water content mapping using terrestrial laser scanner backscatter intensity with radiometric correction. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 110, 14-23.	4.9	60
153	Evaluation of MODIS Spectral Indices for Monitoring Hydrological Dynamics of a Small, Seasonally-Flooded Wetland in Southern Spain. <i>Wetlands</i> , 2015, 35, 851-864.	0.7	45
154	Potential of Sentinel-2 spectral configuration to assess rangeland quality. <i>Journal of Applied Remote Sensing</i> , 2015, 9, 094096.	0.6	73
155	Plant phenolics and absorption features in vegetation reflectance spectra near 1.66 μ m. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 43, 55-83.	1.4	109
156	Satellite- versus temperature-derived green wave indices for predicting the timing of spring migration of avian herbivores. <i>Ecological Indicators</i> , 2015, 58, 322-331.	2.6	24
157	Understanding <i>Boswellia papyrifera</i> tree secondary metabolites through bark spectral analysis. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 105, 30-37.	4.9	4
158	How do two giant panda populations adapt to their habitats in the Qinling and Qionglai Mountains, China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 1175-1185.	2.7	18
159	Decline of traditional rice farming constrains the recovery of the endangered Asian crested ibis (<i>Nipponia nippon</i>). <i>Ambio</i> , 2015, 44, 803-814.	2.8	8
160	Comparative analysis of different retrieval methods for mapping grassland leaf area index using airborne imaging spectroscopy. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 43, 19-31.	1.4	111
161	Effect of slope on treetop detection using a LiDAR Canopy Height Model. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 104, 44-52.	4.9	86
162	New vegetation type map of India prepared using satellite remote sensing: Comparison with global vegetation maps and utilities. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 39, 142-159.	1.4	138

#	ARTICLE	IF	CITATIONS
163	Multi-scale comparison of topographic complexity indices in relation to plant species richness. <i>Ecological Complexity</i> , 2015, 22, 93-101.	1.4	23
164	Leaf Nitrogen Content Indirectly Estimated by Leaf Traits Derived From the PROSPECT Model. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 3172-3182.	2.3	73
165	Applicability of the PROSPECT model for estimating protein and cellulose + lignin in fresh leaves. <i>Remote Sensing of Environment</i> , 2015, 168, 205-218.	4.6	93
166	Spatial and spatiotemporal clustering methods for detecting elephant poaching hotspots. <i>Ecological Modelling</i> , 2015, 297, 180-186.	1.2	28
167	Using Poaching Levels and Elephant Distribution to Assess the Conservation Efficacy of Private, Communal and Government Land in Northern Kenya. <i>PLoS ONE</i> , 2015, 10, e0139079.	1.1	37
168	Joint Effects of Habitat Heterogeneity and Species Life-History Traits on Population Dynamics in Spatially Structured Landscapes. <i>PLoS ONE</i> , 2014, 9, e107742.	1.1	6
169	Spotting East African Mammals in Open Savannah from Space. <i>PLoS ONE</i> , 2014, 9, e115989.	1.1	52
170	Complementarity of Two Rice Mapping Approaches: Characterizing Strata Mapped by Hypertemporal MODIS and Rice Paddy Identification Using Multitemporal SAR. <i>Remote Sensing</i> , 2014, 6, 12789-12814.	1.8	39
171	A hierarchical hidden semi-Markov model for modeling mobility data. , 2014, , .		25
172	Eutrophication of mangroves linked to depletion of foliar and soil base cations. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 8487-8498.	1.3	9
173	Exploring various spectral regions for estimating chlorophyll from ASD leaf reflectance using prospect radiative transfer model. , 2014, , .		1
174	The potential of Sentinel-2 spectral configuration to assess rangeland quality. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
175	Where is positional uncertainty a problem for species distribution modelling?. <i>Ecography</i> , 2014, 37, 191-203.	2.1	1,055
176	Coupling socio-economic factors and eco-hydrological processes using a cascade-modeling approach. <i>Journal of Hydrology</i> , 2014, 518, 49-59.	2.3	33
177	Ungulate herbivory overrides rainfall impacts on herbaceous regrowth and residual biomass in a key resource area. <i>Journal of Arid Environments</i> , 2014, 100-101, 9-17.	1.2	16
178	Mapping the heterogeneity of natural and semi-natural landscapes. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 26, 176-183.	1.4	16
179	Elephant movement closely tracks precipitation-driven vegetation dynamics in a Kenyan forest-savanna landscape. <i>Movement Ecology</i> , 2014, 2, 2.	1.3	84
180	Smallholder Farms as Stepping Stone Corridors for Crop-Raiding Elephant in Northern Tanzania: Integration of Bayesian Expert System and Network Simulator. <i>Ambio</i> , 2014, 43, 149-161.	2.8	30

#	ARTICLE	IF	CITATIONS
181	Change detection in animal movement using discrete wavelet analysis. <i>Ecological Informatics</i> , 2014, 20, 47-57.	2.3	18
182	A comparison of data sources for creating a long-term time series of daily gridded solar radiation for Europe. <i>Solar Energy</i> , 2014, 99, 152-171.	2.9	69
183	Comparative analysis of different uni- and multi-variate methods for estimation of vegetation water content using hyper-spectral measurements. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 26, 1-11.	1.4	92
184	Species distribution and diversity, habitat selection and connectivity: introduction to the Third Special Issue on Spatial Ecology. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1527-1530.	2.2	5
185	Satellite-derived vegetation indices contribute significantly to the prediction of epiphyllous liverworts. <i>Ecological Indicators</i> , 2014, 38, 72-80.	2.6	33
186	Chemical variation in <i>Jacobaea vulgaris</i> is influenced by the interaction of season and vegetation successional stage. <i>Phytochemistry</i> , 2014, 99, 86-94.	1.4	23
187	Retrieval of leaf water content spanning the visible to thermal infrared spectra. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 93, 56-64.	4.9	91
188	Generating Pit-free Canopy Height Models from Airborne Lidar. <i>Photogrammetric Engineering and Remote Sensing</i> , 2014, 80, 863-872.	0.3	216
189	Reduced Dependence of Crested Ibis on Winter-Flooded Rice Fields: Implications for Their Conservation. <i>PLoS ONE</i> , 2014, 9, e98690.	1.1	14
190	Migratory Herbivorous Waterfowl Track Satellite-Derived Green Wave Index. <i>PLoS ONE</i> , 2014, 9, e108331.	1.1	63
191	Tracing glacial refugia of <i>Triturus newts</i> based on mitochondrial DNA phylogeography and species distribution modeling. <i>Frontiers in Zoology</i> , 2013, 10, 13.	0.9	89
192	Within-patch habitat quality determines the resilience of specialist species in fragmented landscapes. <i>Landscape Ecology</i> , 2013, 28, 135-147.	1.9	22
193	Elephant response to spatial heterogeneity in a savanna landscape of northern Tanzania. <i>Ecography</i> , 2013, 36, 819-831.	2.1	10
194	Non-linear partial least square regression increases the estimation accuracy of grass nitrogen and phosphorus using in situ hyperspectral and environmental data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013, 82, 27-40.	4.9	83
195	Calibration of solar radiation models for Europe using Meteosat Second Generation and weather station data. <i>Agricultural and Forest Meteorology</i> , 2013, 176, 1-9.	1.9	25
196	Changes in plant defense chemistry (pyrrolizidine alkaloids) revealed through high-resolution spectroscopy. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013, 80, 51-60.	4.9	14
197	Photosynthetic bark: Use of chlorophyll absorption continuum index to estimate <i>Boswellia papyrifera</i> bark chlorophyll content. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 23, 71-80.	1.4	20
198	Differentiation of plant age in grasses using remote sensing. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 24, 54-62.	1.4	7

#	ARTICLE	IF	CITATIONS
199	Detecting long-duration cloud contamination in hyper-temporal NDVI imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 24, 22-31.	1.4	12
200	Savanna grass nitrogen to phosphorous ratio estimation using field spectroscopy and the potential for estimation with imaging spectroscopy. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 23, 334-343.	1.4	29
201	Estimating tropical forest biomass more accurately by integrating ALOS PALSAR and Landsat-7 ETM+ data. <i>International Journal of Remote Sensing</i> , 2013, 34, 4871-4888.	1.3	44
202	Spatial pattern of habitat quality modulates population persistence in fragmented landscapes. <i>Ecological Research</i> , 2013, 28, 949-958.	0.7	6
203	Mapping land cover gradients through analysis of hyper-temporal NDVI imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 23, 301-312.	1.4	27
204	Collinearity: a review of methods to deal with it and a simulation study evaluating their performance. <i>Ecography</i> , 2013, 36, 27-46.	2.1	6,250
205	Hyperspectral analysis of mangrove foliar chemistry using PLSR and support vector regression. <i>International Journal of Remote Sensing</i> , 2013, 34, 1724-1743.	1.3	91
206	Hyper-temporal remote sensing helps in relating epiphyllous liverworts and evergreen forests. <i>Journal of Vegetation Science</i> , 2013, 24, 214-226.	1.1	13
207	Evaluation of three proposed indices for the retrieval of leaf water content from the mid-wave infrared (2.5–14 μm) spectra. <i>Agricultural and Forest Meteorology</i> , 2013, 171-172, 65-71.	1.9	60
208	An auto-calibration procedure for empirical solar radiation models. <i>Environmental Modelling and Software</i> , 2013, 49, 118-128.	1.9	19
209	Shrimp pond effluent dominates foliar nitrogen in disturbed mangroves as mapped using hyperspectral imagery. <i>Marine Pollution Bulletin</i> , 2013, 76, 42-51.	2.3	14
210	Optimization of wildlife management in a large game reserve through waterpoints manipulation: A bio-economic analysis. <i>Journal of Environmental Management</i> , 2013, 114, 352-361.	3.8	7
211	Predicting foliar biochemistry of tea (<i>Camellia sinensis</i>) using reflectance spectra measured at powder, leaf and canopy levels. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013, 78, 148-156.	4.9	52
212	Hyperspectral reflectance of leaves and flowers of an outbreak species discriminates season and successional stage of vegetation. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 24, 32-41.	1.4	19
213	Measuring the Insecurity Index of species in networks of protected areas using species distribution modeling and fuzzy logic: The case of raptors in Andalusia. <i>Ecological Indicators</i> , 2013, 26, 174-182.	2.6	6
214	Sensing Solutions for Collecting Spatio-Temporal Data for Wildlife Monitoring Applications: A Review. <i>Sensors</i> , 2013, 13, 6054-6088.	2.1	49
215	Morphological plasticity of corms in enhancing invasion of <i>Chromolaena odorata</i> . <i>Banko Janakari</i> , 2013, 21, 3-12.	0.3	1
216	Using a Genetic Algorithm as an Optimal Band Selector in the Mid and Thermal Infrared (2.5–14 μm) to Discriminate Vegetation Species. <i>Sensors</i> , 2012, 12, 8755-8769.	2.1	62

#	ARTICLE	IF	CITATIONS
217	Digital Earth 2020: towards the vision for the next decade. <i>International Journal of Digital Earth</i> , 2012, 5, 4-21.	1.6	238
218	Estimation of leaf water content from far infrared (2.5–14 μm) spectra using continuous wavelet analysis. , 2012, , .		30
219	LaHMa: a landscape heterogeneity mapping method using hyper-temporal datasets. <i>International Journal of Geographical Information Science</i> , 2012, 26, 2177-2192.	2.2	24
220	Geospatial analysis of species, biodiversity and landscapes: introduction to the second special issue on spatial ecology. <i>International Journal of Geographical Information Science</i> , 2012, 26, 2003-2007.	2.2	9
221	Estimation of grassland biomass and nitrogen using MERIS data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012, 19, 196-204.	1.4	66
222	Regional estimation of savanna grass nitrogen using the red-edge band of the spaceborne RapidEye sensor. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012, 19, 151-162.	1.4	133
223	Identifying plant species using mid-wave infrared (2.5–6.1 μm) and thermal infrared (8–14 μm) emissivity spectra. <i>Remote Sensing of Environment</i> , 2012, 118, 95-102.	4.6	127
224	Mapping spatio-temporal variation of grassland quantity and quality using MERIS data and the PROSAIL model. <i>Remote Sensing of Environment</i> , 2012, 121, 415-425.	4.6	100
225	An accurate retrieval of leaf water content from mid to thermal infrared spectra using continuous wavelet analysis. <i>Science of the Total Environment</i> , 2012, 437, 145-152.	3.9	81
226	A body temperature model for lizards as estimated from the thermal environment. <i>Journal of Thermal Biology</i> , 2012, 37, 56-64.	1.1	28
227	Identifying transit corridors for elephant using a long time-series. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012, 14, 61-72.	1.4	41
228	Integration of multi-sensor data to assess grassland dynamics in a Yellow River sub-watershed. <i>Ecological Indicators</i> , 2012, 18, 163-170.	2.6	27
229	Soil biotic impact on plant species shoot chemistry and hyperspectral reflectance patterns. <i>New Phytologist</i> , 2012, 196, 1133-1144.	3.5	13
230	Remote sensing of forage nutrients: Combining ecological and spectral absorption feature data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012, 72, 27-35.	4.9	37
231	The potential of spectral mixture analysis to improve the estimation accuracy of tropical forest biomass. <i>Geocarto International</i> , 2012, 27, 329-345.	1.7	23
232	Corresponding Mitochondrial DNA and Niche Divergence for Crested Newt Candidate Species. <i>PLoS ONE</i> , 2012, 7, e46671.	1.1	27
233	Next-generation Digital Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11088-11094.	3.3	264
234	Vegetation NDVI Linked to Temperature and Precipitation in the Upper Catchments of Yellow River. <i>Environmental Modeling and Assessment</i> , 2012, 17, 389-398.	1.2	88

#	ARTICLE	IF	CITATIONS
235	Predicting micro thermal habitat of lizards in a dynamic thermal environment. <i>Ecological Modelling</i> , 2012, 231, 126-133.	1.2	7
236	Diet selection of African elephant over time shows changing optimization currency. <i>Oikos</i> , 2012, 121, 2110-2120.	1.2	24
237	Geospatial tools address emerging issues in spatial ecology: a review and commentary on the Special Issue. <i>International Journal of Geographical Information Science</i> , 2011, 25, 337-365.	2.2	59
238	Integrating conventional classifiers with a GIS expert system to increase the accuracy of invasive species mapping. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2011, 13, 487-494.	1.4	34
239	Estimating land-surface temperature under clouds using MSG/SEVIRI observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2011, 13, 265-276.	1.4	61
240	The spatial scaling of habitat selection by African elephants. <i>Journal of Animal Ecology</i> , 2011, 80, 270-281.	1.3	78
241	Soil nutrient status determines how elephant utilize trees and shape environments. <i>Journal of Animal Ecology</i> , 2011, 80, 875-883.	1.3	50
242	Spatial autocorrelation in predictors reduces the impact of positional uncertainty in occurrence data on species distribution modelling. <i>Journal of Biogeography</i> , 2011, 38, 1497-1509.	1.4	93
243	Scale of nutrient patchiness mediates resource partitioning between trees and grasses in a semi-arid savanna. <i>Journal of Ecology</i> , 2011, 99, 1124-1133.	1.9	28
244	Finessing atlas data for species distribution models. <i>Diversity and Distributions</i> , 2011, 17, 1173-1185.	1.9	36
245	African Elephants <i><i>Loxodonta africana</i></i> Amplify Browse Heterogeneity in African Savanna. <i>Biotropica</i> , 2011, 43, 711-721.	0.8	44
246	Mapping grassland leaf area index with airborne hyperspectral imagery: A comparison study of statistical approaches and inversion of radiative transfer models. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2011, 66, 894-906.	4.9	170
247	Potential solar radiation pattern in relation to the monthly distribution of giant pandas in Foping Nature Reserve, China. <i>Ecological Modelling</i> , 2011, 222, 645-652.	1.2	17
248	Identifying habitat patches and potential ecological corridors for remnant Asiatic black bear (<i>Ursus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	77
249	Distribution of Barnacle Geese <i><i>Branta leucopsis</i></i> in Relation to Food Resources, Distance to Roosts, and the Location of Refuges. <i>Ardea</i> , 2011, 99, 217-226.	0.3	37
250	Frequent burning promotes invasions of alien plants into a mesic African savanna. <i>Biological Invasions</i> , 2011, 13, 1641-1648.	1.2	32
251	Water-removed spectra increase the retrieval accuracy when estimating savanna grass nitrogen and phosphorus concentrations. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2011, 66, 408-417.	4.9	95
252	Dry season mapping of savanna forage quality, using the hyperspectral Carnegie Airborne Observatory sensor. <i>Remote Sensing of Environment</i> , 2011, 115, 1478-1488.	4.6	80

#	ARTICLE	IF	CITATIONS
253	A common dominant scale emerges from images of diverse satellite platforms using the wavelet transform. <i>International Journal of Remote Sensing</i> , 2011, 32, 3665-3687.	1.3	3
254	A Normalized Difference Vegetation Index (NDVI) Time-Series of Idle Agriculture Lands: A Preliminary Study. <i>Engineering Journal</i> , 2011, 15, 9-16.	0.5	12
255	The ranging patterns of elephants in Marsabit protected area, Kenya: the use of satellite-linked GPS collars. <i>African Journal of Ecology</i> , 2010, 48, 386-400.	0.4	36
256	Migration Patterns of Two Endangered Sympatric Species from a Remote Sensing Perspective. <i>Photogrammetric Engineering and Remote Sensing</i> , 2010, 76, 1343-1352.	0.3	18
257	Reflectance Spectroscopy of Biochemical Components as Indicators of Tea (&l>Camellia) Tj ETQq1 1 0.784314 rgBT /Overlock 107	0.3	22
258	Comparison of extrapolation and interpolation methods for estimating daily photosynthetically active radiation (PAR). <i>Geo-Spatial Information Science</i> , 2010, 13, 235-242.	2.4	11
259	Long-term vegetation landscape pattern with non-point source nutrient pollution in upper stream of Yellow River basin. <i>Journal of Hydrology</i> , 2010, 389, 373-380.	2.3	120
260	Soil erosion dynamics response to landscape pattern. <i>Science of the Total Environment</i> , 2010, 408, 1358-1366.	3.9	124
261	Soil erosion and sediment yield and their relationships with vegetation cover in upper stream of the Yellow River. <i>Science of the Total Environment</i> , 2010, 409, 396-403.	3.9	117
262	Forage quality of savannas â€” Simultaneously mapping foliar protein and polyphenols for trees and grass using hyperspectral imagery. <i>Remote Sensing of Environment</i> , 2010, 114, 64-72.	4.6	134
263	Characterizing the spatial distribution of giant pandas (<i>Ailuropoda melanoleuca</i>) in fragmented forest landscapes. <i>Journal of Biogeography</i> , 2010, 37, 865-878.	1.4	29
264	Environmental Factors Influencing the Spread of the Highly Pathogenic Avian Influenza H5N1 Virus in wild birds in Europe. <i>Ecology and Society</i> , 2010, 15, .	1.0	58
265	Leaf level experiments to discriminate between eucalyptus species using high spectral resolution reflectance data: use of derivatives, ratios and vegetation indices. <i>Geocarto International</i> , 2010, 25, 327-344.	1.7	41
266	Effects of plant phenology and solar radiation on seasonal movement of golden takin in the Qinling Mountains, China. <i>Journal of Mammalogy</i> , 2010, , .	0.6	2
267	Spatial distribution of lion kills determined by the water dependency of prey species. <i>Journal of Mammalogy</i> , 2010, 91, 1280-1286.	0.6	69
268	Spatial autocorrelation and the scaling of speciesâ€™environment relationships. <i>Ecology</i> , 2010, 91, 2455-2465.	1.5	136
269	Comparing direct image and wavelet transform-based approaches to analysing remote sensing imagery for predicting wildlife distribution. <i>International Journal of Remote Sensing</i> , 2010, 31, 6425-6440.	1.3	6
270	Remote sensing of the link between arable field and elephant (<i>Loxodonta africana</i>) distribution change along a tsetse eradication gradient in the Zambezi valley, Zimbabwe. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2010, 12, S123-S130.	1.4	10

#	ARTICLE	IF	CITATIONS
271	Nitrogen prediction in grasses: effect of bandwidth and plant material state on absorption feature selection. <i>International Journal of Remote Sensing</i> , 2010, 31, 691-704.	1.3	34
272	Effects of plant phenology and solar radiation on seasonal movement of golden takin in the Qinling Mountains, China. <i>Journal of Mammalogy</i> , 2010, 91, 92-100.	0.6	31
273	Spatio-temporal dynamics of global H5N1 outbreaks match bird migration patterns. <i>Geospatial Health</i> , 2009, 4, 65.	0.3	100
274	Leaf Area Index derivation from hyperspectral vegetation indices and the red edge position. <i>International Journal of Remote Sensing</i> , 2009, 30, 6199-6218.	1.3	100
275	Biogeographical patterns derived from remote sensing variables: the amphibians and reptiles of the Iberian Peninsula. <i>Amphibia - Reptilia</i> , 2009, 30, 185-206.	0.1	67
276	Will the Three Gorges Dam affect the underwater light climate of <i>Vallisneria spiralis</i> L. and food habitat of Siberian crane in Poyang Lake?. <i>Hydrobiologia</i> , 2009, 623, 213-222.	1.0	47
277	Elephant distribution around a volcanic shield dominated by a mosaic of forest and savanna (Marsabit, Kenya). <i>African Journal of Ecology</i> , 2009, 47, 234-245.	0.4	17
278	Water and nutrients alter herbaceous competitive effects on tree seedlings in a semi-arid savanna. <i>Journal of Ecology</i> , 2009, 97, 430-439.	1.9	99
279	Representation of Uncertainty and Integration of PGIS-based Grazing Intensity Maps Using Evidential Belief Functions. <i>Transactions in GIS</i> , 2009, 13, 273-293.	1.0	4
280	Allometric equations for estimating the above-ground biomass in tropical lowland Dipterocarp forests. <i>Forest Ecology and Management</i> , 2009, 257, 1684-1694.	1.4	405
281	Performance of Landsat TM in ship detection in turbid waters. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2009, 11, 54-61.	1.4	38
282	Mapping beech (<i>Fagus sylvatica</i> L.) forest structure with airborne hyperspectral imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2009, 11, 201-211.	1.4	36
283	Accumulated effects on landscape pattern by hydroelectric cascade exploitation in the Yellow River basin from 1977 to 2006. <i>Landscape and Urban Planning</i> , 2009, 93, 163-171.	3.4	29
284	The effects of high soil CO ₂ concentrations on leaf reflectance of maize plants. <i>International Journal of Remote Sensing</i> , 2009, 30, 481-497.	1.3	66
285	Improved understory bamboo cover mapping using a novel hybrid neural network and expert system. <i>International Journal of Remote Sensing</i> , 2009, 30, 965-981.	1.3	27
286	Hyperspectral predictors for monitoring biomass production in Mediterranean mountain grasslands: Majella National Park, Italy. <i>International Journal of Remote Sensing</i> , 2009, 30, 499-515.	1.3	52
287	Understorey Bamboo Discrimination Using a Winter Image. <i>Photogrammetric Engineering and Remote Sensing</i> , 2009, 75, 37-47.	0.3	27
288	Inversion of a radiative transfer model for estimating vegetation LAI and chlorophyll in a heterogeneous grassland. <i>Remote Sensing of Environment</i> , 2008, 112, 2592-2604.	4.6	459

#	ARTICLE	IF	CITATIONS
289	LAI and chlorophyll estimation for a heterogeneous grassland using hyperspectral measurements. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2008, 63, 409-426.	4.9	328
290	Seasonal Altitudinal Movements of Golden Takin in the Qinling Mountains of China. <i>Journal of Wildlife Management</i> , 2008, 72, 611-617.	0.7	27
291	Hyperspectral indices for detecting changes in canopy reflectance as a result of underground natural gas leakage. <i>International Journal of Remote Sensing</i> , 2008, 29, 5987-6008.	1.3	56
292	Estimation of vegetation LAI from hyperspectral reflectance data: Effects of soil type and plant architecture. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2008, 10, 358-373.	1.4	106
293	Displaying remotely sensed vegetation dynamics along natural gradients for ecological studies. <i>International Journal of Remote Sensing</i> , 2008, 29, 4277-4283.	1.3	29
294	Comparison of MODIS and Landsat TM5 images for mapping tempo-spatial dynamics of Secchi disk depths in Poyang Lake National Nature Reserve, China. <i>International Journal of Remote Sensing</i> , 2008, 29, 2183-2198.	1.3	75
295	Towards red-edge positions less sensitive to canopy biophysical parameters for leaf chlorophyll estimation using properties optiques spectrales des feuilles (PROSPECT) and scattering by arbitrarily inclined leaves (SAILH) simulated data. <i>International Journal of Remote Sensing</i> , 2008, 29, 2241-2255.	1.3	61
296	Understanding lizard's microhabitat use based on a mechanistic model of behavioral thermoregulation. , 2008, , .		0
297	Potential of hyperspectral remote sensing on estimating foliar chemistry and predicting the quality of tea (<i>Camellia sinensis</i>). <i>Proceedings of SPIE</i> , 2008, , .	0.8	0
298	Concurrent monitoring of vessels and water turbidity enhances the strength of evidence in remotely sensed dredging impact assessment. <i>Water Research</i> , 2007, 41, 3271-3280.	5.3	119
299	Capturing the fugitive: Applying remote sensing to terrestrial animal distribution and diversity. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2007, 9, 1-20.	1.4	109
300	Estimation of green grass/herb biomass from airborne hyperspectral imagery using spectral indices and partial least squares regression. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2007, 9, 414-424.	1.4	299
301	A ground-validated NDVI dataset for monitoring vegetation dynamics and mapping phenology in Fennoscandia and the Kola peninsula. <i>International Journal of Remote Sensing</i> , 2007, 28, 4311-4330.	1.3	87
302	Mapping East African tropical forests and woodlands - A comparison of classifiers. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2007, 61, 393-404.	4.9	31
303	Red edge shift and biochemical content in grass canopies. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2007, 62, 34-42.	4.9	197
304	A hyperspectral band selector for plant species discrimination. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2007, 62, 225-235.	4.9	116
305	Can nutrient status of four woody plant species be predicted using field spectrometry?. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2007, 62, 406-414.	4.9	52
306	A bootstrap procedure to select hyperspectral wavebands related to tannin content. <i>International Journal of Remote Sensing</i> , 2006, 27, 1413-1424.	1.3	20

#	ARTICLE	IF	CITATIONS
307	Comparing accuracy assessments to infer superiority of image classification methods. <i>International Journal of Remote Sensing</i> , 2006, 27, 223-232.	1.3	126
308	Monitoring change in the spatial heterogeneity of vegetation cover in an African savanna. <i>International Journal of Remote Sensing</i> , 2006, 27, 2255-2269.	1.3	18
309	Indirect remote sensing of a cryptic forest understorey invasive species. <i>Forest Ecology and Management</i> , 2006, 225, 245-256.	1.4	36
310	Parent material and fire as principle drivers of foliage quality in woody plants. <i>Forest Ecology and Management</i> , 2006, 231, 178-183.	1.4	23
311	Review of a land use planning programme through the soft systems methodology. <i>Land Use Policy</i> , 2006, 23, 187-203.	2.5	21
312	Remotely sensed estimation of forest canopy density: A comparison of the performance of four methods. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2006, 8, 84-95.	1.4	77
313	The "Stained Glass Procedure"™, a new method to compare classification performance of images acquired with different pixel sizes. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2006, 8, 237-245.	1.4	1
314	Estimating fresh grass/herb biomass from HYMAP data using the red edge position. , 2006, , .		2
315	Improved monitoring of vegetation dynamics at very high latitudes: A new method using MODIS NDVI. <i>Remote Sensing of Environment</i> , 2006, 100, 321-334.	4.6	746
316	A post-classifier for mangrove mapping using ecological data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2006, 61, 1-10.	4.9	50
317	A new technique for extracting the red edge position from hyperspectral data: The linear extrapolation method. <i>Remote Sensing of Environment</i> , 2006, 101, 181-193.	4.6	413
318	Continuum removed band depth analysis for detecting the effects of natural gas, methane and ethane on maize reflectance. <i>Remote Sensing of Environment</i> , 2006, 105, 262-270.	4.6	102
319	Mapping non-wood forest product (matsutake mushrooms) using logistic regression and a GIS expert system. <i>Ecological Modelling</i> , 2006, 198, 208-218.	1.2	58
320	Exploring the possibility of estimating the aboveground biomass of <i>Vallisneria spiralis</i> L. using Landsat TM image in Dahuchi, Jiangxi Province, China. , 2005, , .		4
321	Tropical mangrove species discrimination using hyperspectral data: A laboratory study. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 65, 371-379.	0.9	148
322	GIANT PANDA HABITAT SELECTION IN FOPING NATURE RESERVE, CHINA. <i>Journal of Wildlife Management</i> , 2005, 69, 1623-1632.	0.7	74
323	The response of elephants to the spatial heterogeneity of vegetation in a Southern African agricultural landscape. <i>Landscape Ecology</i> , 2005, 20, 217-234.	1.9	66
324	Inducing condensed tannin production in <i>Colophospermum mopane</i> : Absence of response to soil N and P fertility and physical damage. <i>Plant and Soil</i> , 2005, 273, 203-209.	1.8	16

#	ARTICLE	IF	CITATIONS
325	Estimating tropical pasture quality at canopy level using band depth analysis with continuum removal in the visible domain. <i>International Journal of Remote Sensing</i> , 2005, 26, 1093-1108.	1.3	103
326	Nitrogen detection with hyperspectral normalized ratio indices across multiple plant species. <i>International Journal of Remote Sensing</i> , 2005, 26, 4083-4095.	1.3	101
327	Narrow band vegetation indices overcome the saturation problem in biomass estimation. <i>International Journal of Remote Sensing</i> , 2004, 25, 3999-4014.	1.3	563
328	Smoothing vegetation spectra with wavelets. <i>International Journal of Remote Sensing</i> , 2004, 25, 1167-1184.	1.3	65
329	Explaining grass nutrient patterns in a savanna rangeland of southern Africa. <i>Journal of Biogeography</i> , 2004, 31, 819-829.	1.4	50
330	Integrating imaging spectroscopy and neural networks to map grass quality in the Kruger National Park, South Africa. <i>Remote Sensing of Environment</i> , 2004, 90, 104-115.	4.6	136
331	Enhancement of area-specific land-use objectives for land development. <i>Land Degradation and Development</i> , 2004, 15, 513-525.	1.8	4
332	Predicting in situ pasture quality in the Kruger National Park, South Africa, using continuum-removed absorption features. <i>Remote Sensing of Environment</i> , 2004, 89, 393-408.	4.6	263
333	Merging Double Sampling with Remote Sensing for a Rapid Estimation of Fuelwood. <i>Geocarto International</i> , 2004, 19, 49-55.	1.7	4
334	Discriminating sodium concentration in a mixed grass species environment of the Kruger National Park using field spectrometry. <i>International Journal of Remote Sensing</i> , 2004, 25, 4191-4201.	1.3	17
335	Hyperspectral band depth analysis for a better estimation of grass biomass (<i>Cenchrus ciliaris</i>) measured under controlled laboratory conditions. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2004, 5, 87-96.	1.4	121
336	Selection of imagery data and classifiers for mapping Brazilian semideciduous Atlantic forests. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2004, 5, 173-186.	1.4	28
337	Mapping Coastal Vegetation Using an Expert System and Hyperspectral Imagery. <i>Photogrammetric Engineering and Remote Sensing</i> , 2004, 70, 703-715.	0.3	105
338	Spectral discrimination of vegetation types in a coastal wetland. <i>Remote Sensing of Environment</i> , 2003, 85, 92-108.	4.6	465
339	Discriminating tropical grass (<i>Cenchrus ciliaris</i>) canopies grown under different nitrogen treatments using spectroradiometry. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2003, 57, 263-272.	4.9	113
340	EFFECTS OF FIRE AND HERBIVORY ON THE STABILITY OF SAVANNA ECOSYSTEMS. <i>Ecology</i> , 2003, 84, 337-350.	1.5	585
341	Mapping habitat and biological diversity in the Maasai Mara ecosystem. <i>International Journal of Remote Sensing</i> , 2003, 24, 1053-1069.	1.3	40
342	An experimental study on spectral discrimination capability of a backpropagation neural network classifier. <i>International Journal of Remote Sensing</i> , 2003, 24, 673-688.	1.3	15

#	ARTICLE	IF	CITATIONS
343	Derivation of the red edge index using the MERIS standard band setting. <i>International Journal of Remote Sensing</i> , 2002, 23, 3169-3184.	1.3	150
344	Imaging Spectrometry and Vegetation Science. <i>Remote Sensing and Digital Image Processing</i> , 2002, , 111-155.	0.7	73
345	Spatial Heterogeneity and Irreversible Vegetation Change in Semiarid Grazing Systems. <i>American Naturalist</i> , 2002, 159, 209-218.	1.0	144
346	Giant Panda Movements in Foping Nature Reserve, China. <i>Journal of Wildlife Management</i> , 2002, 66, 1179.	0.7	31
347	Interannual variability of NDVI and species richness in Kenya. <i>International Journal of Remote Sensing</i> , 2002, 23, 285-298.	1.3	130
348	Relationship between vegetation growth rates at the onset of the wet season and soil type in the Sahel of Burkina Faso: implications for resource utilisation at large scales. <i>Ecological Modelling</i> , 2002, 149, 143-152.	1.2	27
349	Integration of classification methods for improvement of land-cover map accuracy. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2002, 56, 257-268.	4.9	92
350	Fine-scale spatial distribution of plants and resources on a sandy soil in the Sahel. <i>Plant and Soil</i> , 2002, 239, 69-77.	1.8	29
351	Taxonomy of environmental models in the spatial sciences. , 2002, , 8-25.		14
352	Exploring spectral discrimination of grass species in African rangelands. <i>International Journal of Remote Sensing</i> , 2001, 22, 3421-3434.	1.3	131
353	MERIS and the red-edge position. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2001, 3, 313-320.	1.4	50
354	Spatial scale variations in vegetation indices and above-ground biomass estimates: Implications for MERIS. <i>International Journal of Remote Sensing</i> , 2001, 22, 3381-3396.	1.3	36
355	The effects of fire and grazing pressure on vegetation cover and small mammal populations in the Maasai Mara National Reserve. <i>African Journal of Ecology</i> , 2001, 39, 200-204.	0.4	27
356	Environmental factors influencing bird species diversity in Kenya. <i>African Journal of Ecology</i> , 2001, 39, 295-302.	0.4	10
357	Body size and abundance relationship: an index of diversity for herbivores. <i>Biodiversity and Conservation</i> , 2001, 10, 1923-1931.	1.2	14
358	Population trends of large non-migratory wild herbivores and livestock in the Masai Mara ecosystem, Kenya, between 1977 and 1997. <i>African Journal of Ecology</i> , 2000, 38, 202-216.	0.4	141
359	Scaling to the MERIS Resolution: Mapping Accuracy and Spatial Variability. <i>Geocarto International</i> , 2000, 15, 39-50.	1.7	4
360	Estimating Temporal Independence of Radio-telemetry Data on Animal Activity. <i>Journal of Theoretical Biology</i> , 1999, 198, 567-574.	0.8	30

#	ARTICLE	IF	CITATIONS
361	Simulation of MERIS data: potentials and limitations for mapping (soil) mineralogy. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 1999, 1, 196-204.	1.4	1
362	Neural Networks, Multitemporal Landsat Thematic Mapper Data and Topographic Data to Classify Forest Damages in the Czech Republic. <i>Canadian Journal of Remote Sensing</i> , 1997, 23, 217-229.	1.1	45
363	Remote sensing of soils in a eucalypt forest environment. <i>International Journal of Remote Sensing</i> , 1997, 18, 39-56.	1.3	21
364	Modelling topographic variation in solar radiation in a GIS environment. <i>International Journal of Geographical Information Science</i> , 1997, 11, 475-497.	2.2	433
365	Classification of kangaroo habitat distribution using three GIS models. <i>International Journal of Geographical Information Science</i> , 1996, 10, 441-454.	2.2	46
366	Use of an expert system to map forest soils from a geographical information system. <i>International Journal of Geographical Information Science</i> , 1991, 5, 431-445.	2.2	95
367	Terrain position as mapped from a gridded digital elevation model. <i>International Journal of Geographical Information Science</i> , 1990, 4, 33-49.	2.2	114
368	A comparison of techniques for calculating gradient and aspect from a gridded digital elevation model. <i>International Journal of Geographical Information Science</i> , 1989, 3, 323-334.	2.2	205
369	Unsupervised training area selection in forests using a nonparametric distance measure and spatial information. <i>International Journal of Remote Sensing</i> , 1989, 10, 133-146.	1.3	16
370	Technical note Non-parametric test of overlap in multispectral classification. <i>International Journal of Remote Sensing</i> , 1988, 9, 777-785.	1.3	13
371	An explanation of enhanced radar backscattering from flooded forests. <i>International Journal of Remote Sensing</i> , 1987, 8, 1093-1100.	1.3	162
372	Prospect inversion for indirect estimation of leaf dry matter content and specific leaf area. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-7/W3, 277-284.	0.2	6
373	LEAF AREA INDEX RETRIEVED FROM THERMAL HYPERSPECTRAL DATA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLI-B7, 99-105.	0.2	1
374	MAPPING THERMAL HABITAT OF ECTOTHERMS BASED ON BEHAVIORAL THERMOREGULATION IN A CONTROLLED THERMAL ENVIRONMENT. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XXXIX-B8, 255-258.	0.2	0