

Tiejun Wang

List of Publications by Citations

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

181
papers

5,314
citations

40
h-index

62
g-index

191
ext. papers

6,447
ext. citations

5.9
avg, IF

6.19
L-index

#	Paper	IF	Citations
181	Environmental science: Agree on biodiversity metrics to track from space. <i>Nature</i> , 2015 , 523, 403-5	50.4	260
180	Tree species classification and estimation of stem volume and DBH based on single tree extraction by exploiting airborne full-waveform LiDAR data. <i>Remote Sensing of Environment</i> , 2012 , 123, 368-380	13.2	210
179	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	5.3	184
178	Generating Pit-free Canopy Height Models from Airborne Lidar. <i>Photogrammetric Engineering and Remote Sensing</i> , 2014 , 80, 863-872	1.6	151
177	A Review: Individual Tree Species Classification Using Integrated Airborne LiDAR and Optical Imagery with a Focus on the Urban Environment. <i>Forests</i> , 2019 , 10, 1	2.8	146
176	Small beetle, large-scale drivers: how regional and landscape factors affect outbreaks of the European spruce bark beetle. <i>Journal of Applied Ecology</i> , 2015 , 53, 530-540	5.8	120
175	Vegetation phenology from Sentinel-2 and field cameras for a Dutch barrier island. <i>Remote Sensing of Environment</i> , 2018 , 215, 517-529	13.2	98
174	Soil erosion dynamics response to landscape pattern. <i>Science of the Total Environment</i> , 2010 , 408, 1358-66	66.2	97
173	Methods and strategy for modeling daily global solar radiation with measured meteorological data: A case study in Nanchang station, China. <i>Energy Conversion and Management</i> , 2007 , 48, 2447-2452	10.6	95
172	Biodiversity along temperate forest succession. <i>Journal of Applied Ecology</i> , 2018 , 55, 2756-2766	5.8	93
171	Spatio-temporal dynamics of global H5N1 outbreaks match bird migration patterns. <i>Geospatial Health</i> , 2009 , 4, 65-78	2.2	89
170	Understanding Forest Health with Remote Sensing -Part I: A Review of Spectral Traits, Processes and Remote-Sensing Characteristics. <i>Remote Sensing</i> , 2016 , 8, 1029	5	88
169	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	13.2	79
168	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	7.3	74
167	Applicability of the PROSPECT model for estimating protein and cellulose + lignin in fresh leaves. <i>Remote Sensing of Environment</i> , 2015 , 168, 205-218	13.2	73
166	Important LiDAR metrics for discriminating forest tree species in Central Europe. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018 , 137, 163-174	11.8	70
165	Reduction in browsing intensity may not compensate climate change effects on tree species composition in the Bavarian Forest National Park. <i>Forest Ecology and Management</i> , 2014 , 328, 179-192	3.9	65

164	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	11.8	63
163	Spatio-temporal infestation patterns of <i>Ips typographus</i> (L.) in the Bavarian Forest National Park, Germany. <i>Ecological Indicators</i> , 2013 , 31, 73-81	5.8	63
162	A Novel Approach for the Detection of Standing Tree Stems from Plot-Level Terrestrial Laser Scanning Data. <i>Remote Sensing</i> , 2019 , 11, 211	5	55
161	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	4.7	55
160	Estimating land-surface temperature under clouds using MSG/SEVIRI observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2011 , 13, 265-276	7.3	55
159	An experimental test of the habitat-amount hypothesis for saproxylic beetles in a forested region. <i>Ecology</i> , 2017 , 98, 1613-1622	4.6	54
158	Improving leaf area index (LAI) estimation by correcting for clumping and woody effects using terrestrial laser scanning. <i>Agricultural and Forest Meteorology</i> , 2018 , 263, 276-286	5.8	52
157	European spruce bark beetle (<i>Ips typographus</i> , L.) green attack affects foliar reflectance and biochemical properties. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018 , 64, 199-209	7.3	51
156	Foliar and woody materials discriminated using terrestrial LiDAR in a mixed natural forest. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018 , 64, 43-50	7.3	51
155	In Situ/Remote Sensing Integration to Assess Forest Health: A Review. <i>Remote Sensing</i> , 2016 , 8, 471	5	50
154	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	7.3	49
153	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	7.3	49
152	Forest inventories by LiDAR data: A comparison of single tree segmentation and metric-based methods for inventories of a heterogeneous temperate forest. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015 , 42, 162-174	7.3	48
151	Vegetation Indices for Mapping Canopy Foliar Nitrogen in a Mixed Temperate Forest. <i>Remote Sensing</i> , 2016 , 8, 491	5	47
150	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	5.8	46
149	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	11.8	46
148	GIANT PANDA HABITAT SELECTION IN FOPING NATURE RESERVE, CHINA. <i>Journal of Wildlife Management</i> , 2005 , 69, 1623-1632	1.9	46
147	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	5.3	45

146	Migratory herbivorous waterfowl track satellite-derived green wave index. <i>PLoS ONE</i> , 2014 , 9, e108331	3.7	45
145	Spotting East African mammals in open savannah from space. <i>PLoS ONE</i> , 2014 , 9, e115989	3.7	44
144	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	1.7	43
143	Estimating over- and understorey canopy density of temperate mixed stands by airborne LiDAR data. <i>Forestry</i> , 2016 , 89, 69-81	2.2	42
142	Activity patterns of Eurasian lynx are modulated by light regime and individual traits over a wide latitudinal range. <i>PLoS ONE</i> , 2014 , 9, e114143	3.7	42
141	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,	4.1	40
140	Impacts of future climate and land cover changes on threatened mammals in the semi-arid Chinese Altai Mountains. <i>Science of the Total Environment</i> , 2018 , 612, 775-787	10.2	39
139	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	5	38
138	Canopy leaf water content estimated using terrestrial LiDAR. <i>Agricultural and Forest Meteorology</i> , 2017 , 232, 152-162	5.8	38
137	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	11.8	38
136	Detection of windthrows and insect outbreaks by L-band SAR: A case study in the Bavarian Forest National Park. <i>Remote Sensing of Environment</i> , 2018 , 209, 700-711	13.2	38
135	Migration in geographic and ecological space by a large herbivore. <i>Ecological Monographs</i> , 2017 , 87, 297-320	3.7	37
134	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	11.8	37
133	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	5	37
132	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	10.2	37
131	Large off-nadir scan angle of airborne LiDAR can severely affect the estimates of forest structure metrics. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018 , 136, 13-25	11.8	35
130	A Bayesian hierarchical model for estimating spatial and temporal variation in vegetation phenology from Landsat time series. <i>Remote Sensing of Environment</i> , 2017 , 194, 155-160	13.2	34
129	Comparison of Landsat-8 and Sentinel-2 Data for Estimation of Leaf Area Index in Temperate Forests. <i>Remote Sensing</i> , 2019 , 11, 1160	5	34

128	A Wavelet-Based Area Parameter for Indirectly Estimating Copper Concentration in Carex Leaves from Canopy Reflectance. <i>Remote Sensing</i> , 2015 , 7, 15340-15360	5	33
127	Automatic Counting of Large Mammals from Very High Resolution Panchromatic Satellite Imagery. <i>Remote Sensing</i> , 2017 , 9, 878	5	31
126	Green wave tracking by large herbivores: an experimental approach. <i>Ecology</i> , 2016 , 97, 3547-3553	4.6	31
125	Priority list of biodiversity metrics to observe from space. <i>Nature Ecology and Evolution</i> , 2021 , 5, 896-906	12.3	30
124	Distribution of Barnacle Geese <i>Branta leucopsis</i> in Relation to Food Resources, Distance to Roosts, and the Location of Refuges. <i>Ardea</i> , 2011 , 99, 217-226	0.9	29
123	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	3.7	29
122	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	4.1	28
121	Radar vision in the mapping of forest biodiversity from space. <i>Nature Communications</i> , 2019 , 10, 4757	17.4	28
120	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	7.3	28
119	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	1.8	28
118	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	7.3	28
117	Climate and land use changes will degrade the distribution of Rhododendrons in China. <i>Science of the Total Environment</i> , 2019 , 659, 515-528	10.2	27
116	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	7.3	26
115	Impact of Vertical Canopy Position on Leaf Spectral Properties and Traits across Multiple Species. <i>Remote Sensing</i> , 2018 , 10, 346	5	26
114	Satellite-derived vegetation indices contribute significantly to the prediction of epiphyllous liverworts. <i>Ecological Indicators</i> , 2014 , 38, 72-80	5.8	26
113	Evaluating Different Methods for Grass Nutrient Estimation from Canopy Hyperspectral Reflectance. <i>Remote Sensing</i> , 2015 , 7, 5901-5917	5	26
112	Characterizing the spatial distribution of giant pandas (<i>Ailuropoda melanoleuca</i>) in fragmented forest landscapes. <i>Journal of Biogeography</i> , 2010 , 37, 865-878	4.1	26
111	Giant Panda Movements in Foping Nature Reserve, China. <i>Journal of Wildlife Management</i> , 2002 , 66, 1179	1.9	26

110	Night-day speed ratio of elephants as indicator of poaching levels. <i>Ecological Indicators</i> , 2018 , 84, 38-44	5.8	25
109	Integration of multi-sensor data to assess grassland dynamics in a Yellow River sub-watershed. <i>Ecological Indicators</i> , 2012 , 18, 163-170	5.8	25
108	Evaluation of Collection-6 MODIS Land Surface Temperature Product Using Multi-Year Ground Measurements in an Arid Area of Northwest China. <i>Remote Sensing</i> , 2018 , 10, 1852	5	25
107	Country, cover or protection: what shapes the distribution of red deer and roe deer in the Bohemian Forest Ecosystem?. <i>PLoS ONE</i> , 2015 , 10, e0120960	3.7	24
106	Seasonal Altitudinal Movements of Golden Takin in the Qinling Mountains of China. <i>Journal of Wildlife Management</i> , 2008 , 72, 611-617	1.9	24
105	Improved understorey bamboo cover mapping using a novel hybrid neural network and expert system. <i>International Journal of Remote Sensing</i> , 2009 , 30, 965-981	3.1	23
104	Displaying remotely sensed vegetation dynamics along natural gradients for ecological studies. <i>International Journal of Remote Sensing</i> , 2008 , 29, 4277-4283	3.1	23
103	Understorey Bamboo Discrimination Using a Winter Image. <i>Photogrammetric Engineering and Remote Sensing</i> , 2009 , 75, 37-47	1.6	22
102	Comment on "The global tree restoration potential". <i>Science</i> , 2019 , 366,	33.3	22
101	Plastic response by a small cervid to supplemental feeding in winter across a wide environmental gradient. <i>Ecosphere</i> , 2017 , 8, e01629	3.1	21
100	Spatial and spatiotemporal clustering methods for detecting elephant poaching hotspots. <i>Ecological Modelling</i> , 2015 , 297, 180-186	3	21
99	Integrating LiDAR and high-resolution imagery for object-based mapping of forest habitats in a heterogeneous temperate forest landscape. <i>International Journal of Remote Sensing</i> , 2018 , 39, 8859-8884 ²¹	3.1	21
98	Internal Migration and Land Use and Land Cover Changes in the Middle Mountains of Nepal. <i>Mountain Research and Development</i> , 2017 , 37, 446	1.4	21
97	Network structure of vertebrate scavenger assemblages at the global scale: drivers and ecosystem functioning implications. <i>Ecography</i> , 2020 , 43, 1143-1155	6.5	21
96	Rhododendron diversity patterns and priority conservation areas in China. <i>Diversity and Distributions</i> , 2017 , 23, 1143-1156	5	20
95	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	11.8	19
94	Influence of selected habitat and stand factors on bark beetle <i>Ips typographus</i> (L.) outbreak in the BiaÅowieÅ Forest. <i>Forest Ecology and Management</i> , 2020 , 459, 117826	3.9	19
93	Habitat metrics based on multi-temporal Landsat imagery for mapping large mammal habitat. <i>Remote Sensing in Ecology and Conservation</i> , 2020 , 6, 52-69	5.3	19

92	Application of optical unmanned aerial vehicle-based imagery for the inventory of natural regeneration and standing deadwood in post-disturbed spruce forests. <i>International Journal of Remote Sensing</i> , 2018 , 39, 5288-5309	3.1	18
91	Forest structure following natural disturbances and early succession provides habitat for two avian flagship species, capercaillie (<i>Tetrao urogallus</i>) and hazel grouse (<i>Tetrastes bonasia</i>). <i>Biological Conservation</i> , 2018 , 226, 81-91	6.2	18
90	Reflectance Spectroscopy of Biochemical Components as Indicators of Tea (<i>Camellia Sinensis</i>) Quality. <i>Photogrammetric Engineering and Remote Sensing</i> , 2010 , 76, 1385-1392	1.6	18
89	National Parks as Model Regions for Interdisciplinary Long-Term Ecological Research: The Bavarian Forest and ŮmavŮ National Parks Underway to Transboundary Ecosystem Research 2010 , 327-344		18
88	Monitoring the dynamics of surface water fraction from MODIS time series in a Mediterranean environment. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018 , 66, 135-145	7.3	18
87	Multi-scale comparison of topographic complexity indices in relation to plant species richness. <i>Ecological Complexity</i> , 2015 , 22, 93-101	2.6	17
86	Large-Scale Mapping of Tree Species and Dead Trees in Ůmava National Park and Bavarian Forest National Park Using Lidar and Multispectral Imagery. <i>Remote Sensing</i> , 2020 , 12, 661	5	17
85	Within-patch habitat quality determines the resilience of specialist species in fragmented landscapes. <i>Landscape Ecology</i> , 2013 , 28, 135-147	4.3	17
84	A body temperature model for lizards as estimated from the thermal environment. <i>Journal of Thermal Biology</i> , 2012 , 37, 56-64	2.9	17
83	Remotely Sensed Single Tree Data Enable the Determination of Habitat Thresholds for the Three-Toed Woodpecker (<i>Picoides tridactylus</i>). <i>Remote Sensing</i> , 2018 , 10, 1972	5	17
82	Migration Patterns of Two Endangered Sympatric Species from a Remote Sensing Perspective. <i>Photogrammetric Engineering and Remote Sensing</i> , 2010 , 76, 1343-1352	1.6	16
81	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	7.3	16
80	Using very-high-resolution satellite imagery and deep learning to detect and count African elephants in heterogeneous landscapes. <i>Remote Sensing in Ecology and Conservation</i> , 2021 , 7, 369-381	5.3	16
79	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	5.5	15
78	Heavy metal pollution at mine sites estimated from reflectance spectroscopy following correction for skewed data. <i>Environmental Pollution</i> , 2019 , 252, 1117-1124	9.3	15
77	Quantifying the Effects of Normalisation of Airborne LiDAR Intensity on Coniferous Forest Leaf Area Index Estimations. <i>Remote Sensing</i> , 2017 , 9, 163	5	15
76	Synthetic RapidEye data used for the detection of area-based spruce tree mortality induced by bark beetles. <i>GIScience and Remote Sensing</i> , 2018 , 55, 839-859	4.8	15
75	Change detection in animal movement using discrete wavelet analysis. <i>Ecological Informatics</i> , 2014 , 20, 47-57	4.2	15

74	A voting-based statistical cylinder detection framework applied to fallen tree mapping in terrestrial laser scanning point clouds. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017 , 129, 118-130	11.8	14
73	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, 1175-85	5.1	14
72	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	11.8	14
71	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	5	14
70	Leaf to canopy upscaling approach affects the estimation of canopy traits. <i>GIScience and Remote Sensing</i> , 2019 , 56, 554-575	4.8	14
69	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	11.8	13
68	An efficient method to exploit LiDAR data in animal ecology. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 893-904	7.7	13
67	Elephant poaching risk assessed using spatial and non-spatial Bayesian models. <i>Ecological Modelling</i> , 2016 , 338, 60-68	3	12
66	Hyper-temporal remote sensing helps in relating epiphyllous liverworts and evergreen forests. <i>Journal of Vegetation Science</i> , 2013 , 24, 214-226	3.1	12
65	An assessment of human impacts on endangered red pandas (<i>Ailuropus</i>) living in the Himalaya. <i>Ecology and Evolution</i> , 2019 , 9, 13413-13425	2.8	12
64	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	7.3	12
63	European Roe Deer Increase Vigilance When Faced with Immediate Predation Risk by Eurasian Lynx. <i>Ethology</i> , 2017 , 123, 30-40	1.7	11
62	Individual-tree- and stand-based development following natural disturbance in a heterogeneously structured forest: A LiDAR-based approach. <i>Ecological Informatics</i> , 2017 , 38, 12-25	4.2	11
61	Evaluating a collaborative decision-analytic approach to inform conservation decision-making in transboundary regions. <i>Land Use Policy</i> , 2019 , 83, 282-296	5.6	11
60	A novel multi-parameter support vector machine for image classification. <i>International Journal of Remote Sensing</i> , 2015 , 36, 1890-1906	3.1	11
59	Landscape predictors of human-leopard conflicts within multi-use areas of the Himalayan region. <i>Scientific Reports</i> , 2020 , 10, 11129	4.9	11
58	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	11.8	11
57	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	7.3	11

56	Reduced dependence of Crested Ibis on winter-flooded rice fields: implications for their conservation. <i>PLoS ONE</i> , 2014 , 9, e98690	3.7	11
55	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	3.9	11
54	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	13.2	10
53	Patterns of Lynx Predation at the Interface between Protected Areas and Multi-Use Landscapes in Central Europe. <i>PLoS ONE</i> , 2015 , 10, e0138139	3.7	10
52	The moss genus <i>Didymodon</i> as an indicator of climate change on the Tibetan Plateau. <i>Ecological Indicators</i> , 2020 , 113, 106204	5.8	10
51	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	7.3	10
50	Mapping Canopy Chlorophyll Content in a Temperate Forest Using Airborne Hyperspectral Data. <i>Remote Sensing</i> , 2020 , 12, 3573	5	9
49	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	0.8	8
48	Poaching lowers elephant path tortuosity: implications for conservation. <i>Journal of Wildlife Management</i> , 2019 , 83, 1022-1031	1.9	8
47	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	11.8	8
46	Elephants move faster in small fragments of low productivity in Amboseli ecosystems: Kenya. <i>Geocarto International</i> , 2017 , 32, 1243-1253	2.7	8
45	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	5	8
44	Individual Movement - Sequence Analysis Method (IM-SAM): characterizing spatio-temporal patterns of animal habitat use across landscapes. <i>International Journal of Geographical Information Science</i> , 2020 , 34, 1530-1551	4.1	8
43	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	6.5	7
42	Quantification of occlusions influencing the tree stem curve retrieving from single-scan terrestrial laser scanning data. <i>Forest Ecosystems</i> , 2019 , 6,	3.8	7
41	Identifying rice stress on a regional scale from multi-temporal satellite images using a Bayesian method. <i>Environmental Pollution</i> , 2019 , 247, 488-498	9.3	6
40	Large-scale variation in birth timing and synchrony of a large herbivore along the latitudinal and altitudinal gradients. <i>Journal of Animal Ecology</i> , 2020 , 89, 1906-1917	4.7	6
39	Evaluating Prediction Models for Mapping Canopy Chlorophyll Content Across Biomes. <i>Remote Sensing</i> , 2020 , 12, 1788	5	6

38	Worsening of tree-related public health issues under climate change. <i>Nature Plants</i> , 2020 , 6, 48	11.5	6
37	Predicting micro thermal habitat of lizards in a dynamic thermal environment. <i>Ecological Modelling</i> , 2012 , 231, 126-133	3	6
36	Joint effects of habitat heterogeneity and species' life-history traits on population dynamics in spatially structured landscapes. <i>PLoS ONE</i> , 2014 , 9, e107742	3.7	6
35	Scale-dependent habitat selection by reintroduced Eldĳ deer (<i>Cervus eldi</i>) in a human-dominated landscape. <i>Wildlife Research</i> , 2013 , 40, 217	1.8	6
34	Carcass provisioning for scavenger conservation in a temperate forest ecosystem. <i>Ecosphere</i> , 2020 , 11, e03063	3.1	5
33	Past distribution of epiphyllous liverworts in China: The usability of historical data. <i>Ecology and Evolution</i> , 2018 , 8, 7436-7450	2.8	5
32	Spatial pattern of habitat quality modulates population persistence in fragmented landscapes. <i>Ecological Research</i> , 2013 , 28, 949-958	1.9	5
31	Does Public Participation Shift German National Park Priorities Away from Nature Conservation?. <i>Environmental Conservation</i> , 2019 , 46, 84-91	3.3	5
30	Determination of optimal flight altitude to minimise acoustic drone disturbance to wildlife using species audiograms. <i>Methods in Ecology and Evolution</i> ,	7.7	5
29	An old-growth subtropical evergreen broadleaved forest suffered more damage from Typhoon Mangkhut than an adjacent secondary forest. <i>Forest Ecology and Management</i> , 2021 , 496, 119433	3.9	5
28	Decline of traditional rice farming constrains the recovery of the endangered Asian crested ibis (<i>Nipponia nippon</i>). <i>Ambio</i> , 2015 , 44, 803-14	6.5	4
27	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	6	4
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