

Peter M Atkinson

List of Publications by Year in Descending Order

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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.

214
papers

7,183
citations

43
h-index

78
g-index

225
ext. papers

8,597
ext. citations

6.4
avg, IF

6.73
L-index

#	Paper	IF	Citations
214	A Self-Training Hierarchical Prototype-based Ensemble Framework for Remote Sensing Scene Classification. <i>Information Fusion</i> , 2022 , 80, 179-204	16.7	1
213	Semantic segmentation of terrestrial laser scanning point clouds using locally enhanced image-based geometric representations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	2
212	A taxonomic-based joint species distribution model for presence-only data.. <i>Journal of the Royal Society Interface</i> , 2022 , 19, 20210681	4.1	1
211	Spatial sampling, data models, spatial scale and ontologies: Interpreting spatial statistics and machine learning applied to satellite optical remote sensing. <i>Spatial Statistics</i> , 2022 , 100646	2.2	0
210	A deep learning model for incorporating temporal information in haze removal. <i>Remote Sensing of Environment</i> , 2022 , 274, 113012	13.2	0
209	Geoscience-aware deep learning: A new paradigm for remote sensing. <i>Science of Remote Sensing</i> , 2022 , 5, 100047	11.8	1
208	Modeling the efficacy of different anti-angiogenic drugs on treatment of solid tumors using 3D computational modeling and machine learning.. <i>Computers in Biology and Medicine</i> , 2022 , 146, 105511	7	1
207	Forecasting of Built-Up Land Expansion in a Desert Urban Environment. <i>Remote Sensing</i> , 2022 , 14, 2037	5	4
206	Near real-time surface water extraction from GOES-16 geostationary satellite ABI images by constructing and sharpening the green-like band. <i>Science of Remote Sensing</i> , 2022 , 100055	11.8	
205	Resilience of the Central Indian Forest Ecosystem to Rainfall Variability in the Context of a Changing Climate. <i>Remote Sensing</i> , 2021 , 13, 4474	5	1
204	Using Daily Nighttime Lights to Monitor Spatiotemporal Patterns of Human Lifestyle under COVID-19: The Case of Saudi Arabia. <i>Remote Sensing</i> , 2021 , 13, 4633	5	4
203	Fast and Slow Changes Constrained Spatio-temporal Subpixel Mapping. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-1	8.1	
202	Geographically Weighted Spatial Unmixing for Spatiotemporal Fusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-17	8.1	1
201	An Improved Index for Urban Population Distribution Mapping Based on Nighttime Lights (DMSP-OLS) Data: An Experiment in Riyadh Province, Saudi Arabia. <i>Remote Sensing</i> , 2021 , 13, 1171	5	7
200	Blocks-removed spatial unmixing for downscaling MODIS images. <i>Remote Sensing of Environment</i> , 2021 , 256, 112325	13.2	12
199	Ensembles of multiple spectral water indices for improving surface water classification. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021 , 96, 102278	7.3	2
198	Global land cover trajectories and transitions. <i>Scientific Reports</i> , 2021 , 11, 12814	4.9	5

197	Association between community-based self-reported COVID-19 symptoms and social deprivation explored using symptom tracker apps: a repeated cross-sectional study in Northern Ireland. <i>BMJ Open</i> , 2021 , 11, e048333	3	3
196	Spatio-temporal spectral unmixing of time-series images. <i>Remote Sensing of Environment</i> , 2021 , 259, 112407	13.2	24
195	The Forgotten Semantics of Regression Modeling in Geography. <i>Geographical Analysis</i> , 2021 , 53, 113-134.	4.9	2
194	Sociodemographic determinants of COVID-19 incidence rates in Oman: Geospatial modelling using multiscale geographically weighted regression (MGWR). <i>Sustainable Cities and Society</i> , 2021 , 65, 102627	10.1	48
193	Spatial Spectral Radial Basis Function-Based Interpolation for Landsat ETM+ SLC-Off Image Gap Filling. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 7901-7917	8.1	8
192	A Semi-Supervised Deep Rule-Based Approach for Complex Satellite Sensor Image Analysis. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	1
191	. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	12
190	Estimating Artificial Impervious Surface Percentage in Asia by Fusing Multi-Temporal MODIS and VIIRS Nighttime Light Data. <i>Remote Sensing</i> , 2021 , 13, 212	5	4
189	Fine temporal resolution satellite sensors with global coverage: an opportunity for landscape ecologists. <i>Landscape Ecology</i> , 2021 , 36, 2199-2213	4.3	1
188	Explainable artificial intelligence: an analytical review. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2021 , 11, e1424	6.9	29
187	Tracking small-scale tropical forest disturbances: Fusing the Landsat and Sentinel-2 data record. <i>Remote Sensing of Environment</i> , 2021 , 261, 112470	13.2	10
186	The Role of Earth Observation in Achieving Sustainable Agricultural Production in Arid and Semi-Arid Regions of the World. <i>Remote Sensing</i> , 2021 , 13, 3382	5	4
185	Filling gaps in Landsat ETM+ SLC-off images with Sentinel-2 MSI images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021 , 101, 102365	7.3	12
184	Iterative Deep Learning (IDL) for agricultural landscape classification using fine spatial resolution remotely sensed imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021 , 102, 102437	7.3	2
183	Integrating spatio-temporal-spectral information for downscaling Sentinel-3 OLCI images. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021 , 180, 130-150	11.8	1
182	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 8599-8614	8.1	5
181	ABCNet: Attentive bilateral contextual network for efficient semantic segmentation of Fine-Resolution remotely sensed imagery. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021 , 181, 84-98	11.8	20
180	Automatic Extraction and Labelling of Memorial Objects From 3D Point Clouds. <i>Journal of Computer Applications in Archaeology</i> , 2021 , 4, 79-93	2.5	2

179	SSA-SiamNet: Spectral-Spatial-Wise Attention-Based Siamese Network for Hyperspectral Image Change Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-18	8.1	7
178	Multiattention Network for Semantic Segmentation of Fine-Resolution Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-13	8.1	22
177	Scale-Aware Neural Network for Semantic Segmentation of Multi-Resolution Remote Sensing Images. <i>Remote Sensing</i> , 2021 , 13, 5015	5	5
176	Spatial analysis of <i>G.f.fuscipes</i> abundance in Uganda using Poisson and Zero-Inflated Poisson regression models. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009820	4.8	2
175	Biospytial: spatial graph-based computing for ecological Big Data. <i>GigaScience</i> , 2020 , 9,	7.6	5
174	Sub-pixel mapping with point constraints. <i>Remote Sensing of Environment</i> , 2020 , 244, 111817	13.2	14
173	Incorporating spatial association into statistical classifiers: local pattern-based prior tuning. <i>International Journal of Geographical Information Science</i> , 2020 , 34, 2077-2114	4.1	3
172	Two-Phase Object-Based Deep Learning for Multi-Temporal SAR Image Change Detection. <i>Remote Sensing</i> , 2020 , 12, 548	5	12
171	Crop classification from full-year fully-polarimetric L-band UAVSAR time-series using the Random Forest algorithm. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020 , 87, 102032 ³	7.3	28
170	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 487-503	4.7	16
169	Information Loss-Guided Multi-Resolution Image Fusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 45-57	8.1	9
168	Scale Sequence Joint Deep Learning (SS-JDL) for land use and land cover classification. <i>Remote Sensing of Environment</i> , 2020 , 237, 111593	13.2	44
167	Identifying and mapping individual plants in a highly diverse high-elevation ecosystem using UAV imagery and deep learning. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020 , 169, 280-291	11.8	24
166	Dynamic susceptibility mapping of slow-moving landslides using PSInSAR. <i>International Journal of Remote Sensing</i> , 2020 , 41, 7509-7529	3.1	3
165	Virtual image pair-based spatio-temporal fusion. <i>Remote Sensing of Environment</i> , 2020 , 249, 112009	13.2	35
164	The effect of the point spread function on downscaling continua. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020 , 168, 251-267	11.8	11
163	General solution to reduce the point spread function effect in subpixel mapping. <i>Remote Sensing of Environment</i> , 2020 , 251, 112054	13.2	19
162	Investigating the Influence of Registration Errors on the Patch-Based Spatio-Temporal Fusion Method. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 6291-6307 ³	4.7	3

161	COVID-19 Outbreak Prediction with Machine Learning. <i>Algorithms</i> , 2020 , 13, 249	1.8	112
160	Collective influence of household and community capitals on agricultural employment as a measure of rural poverty in the Mahanadi Delta, India. <i>Ambio</i> , 2020 , 49, 281-298	6.5	9
159	Evaluating the impact of declining tsetse fly (<i>Glossina pallidipes</i>) habitat in the Zambezi valley of Zimbabwe. <i>Geocarto International</i> , 2020 , 35, 1373-1384	2.7	1
158	A Geostatistical Filter for Remote Sensing Image Enhancement. <i>Mathematical Geosciences</i> , 2020 , 52, 317-336	2.5	3
157	An Iterative Coarse-to-Fine Sub-Sampling Method for Density Reduction of Terrain Point Clouds. <i>Remote Sensing</i> , 2019 , 11, 947	5	3
156	. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2019 , 7, 6-39	8.9	159
155	Dramatic Loss of Agricultural Land Due to Urban Expansion Threatens Food Security in the Nile Delta, Egypt. <i>Remote Sensing</i> , 2019 , 11, 332	5	50
154	Principles and methods of scaling geospatial Earth science data. <i>Earth-Science Reviews</i> , 2019 , 197, 102897	10.2	40
153	Agricultural shocks and drivers of livelihood precariousness across Indian rural communities. <i>Landscape and Urban Planning</i> , 2019 , 189, 307-319	7.7	17
152	Three-Fold Urban Expansion in Saudi Arabia from 1992 to 2013 Observed Using Calibrated DMSP-OLS Night-Time Lights Imagery. <i>Remote Sensing</i> , 2019 , 11, 2266	5	23
151	A hybrid OSVM-OCNN Method for Crop Classification from Fine Spatial Resolution Remotely Sensed Imagery. <i>Remote Sensing</i> , 2019 , 11, 2370	5	6
150	Photoperiod controls vegetation phenology across Africa. <i>Communications Biology</i> , 2019 , 2, 391	6.7	18
149	Identifying the spatio-temporal risk variability of avian influenza A H7N9 in China. <i>Ecological Modelling</i> , 2019 , 414, 108807	3	3
148	Downscaling Gridded DEMs Using the Hopfield Neural Network. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 4426-4437	4.7	2
147	Joint Deep Learning for land cover and land use classification. <i>Remote Sensing of Environment</i> , 2019 , 221, 173-187	13.2	179
146	Full year crop monitoring and separability assessment with fully-polarimetric L-band UAVSAR: A case study in the Sacramento Valley, California. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019 , 74, 45-56	7.3	17
145	A Massively Parallel Deep Rule-Based Ensemble Classifier for Remote Sensing Scenes. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018 , 15, 345-349	4.1	36
144	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 2362-2376	8.1	22

143	Characterising the land surface phenology of Africa using 500 m MODIS EVI. <i>Applied Geography</i> , 2018 , 90, 187-199	4.4	28
142	Rice crop phenology mapping at high spatial and temporal resolution using downscaled MODIS time-series. <i>GIScience and Remote Sensing</i> , 2018 , 55, 659-677	4.8	34
141	Enhancing spectral unmixing by considering the point spread function effect. <i>Spatial Statistics</i> , 2018 , 28, 271-283	2.2	8
140	Mapping paddy rice fields by applying machine learning algorithms to multi-temporal Sentinel-1A and Landsat data. <i>International Journal of Remote Sensing</i> , 2018 , 39, 1042-1067	3.1	69
139	Forecasting wheat and barley crop production in arid and semi-arid regions using remotely sensed primary productivity and crop phenology: A case study in Iraq. <i>Science of the Total Environment</i> , 2018 , 613-614, 250-262	10.2	38
138	Major trends in the land surface phenology (LSP) of Africa, controlling for land-cover change. <i>International Journal of Remote Sensing</i> , 2018 , 39, 8060-8075	3.1	4
137	A new multi-resolution based method for estimating local surface roughness from point clouds. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018 , 144, 369-378	11.8	4
136	An agent-based model of tsetse fly response to seasonal climatic drivers: Assessing the impact on sleeping sickness transmission rates. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006188	4.8	11
135	Remote sensing of mangrove forest phenology and its environmental drivers. <i>Remote Sensing of Environment</i> , 2018 , 205, 71-84	13.2	97
134	Spatio-temporal fusion for daily Sentinel-2 images. <i>Remote Sensing of Environment</i> , 2018 , 204, 31-42	13.2	136
133	A hybrid MLP-CNN classifier for very fine resolution remotely sensed image classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018 , 140, 133-144	11.8	189
132	National and sub-national variation in patterns of febrile case management in sub-Saharan Africa. <i>Nature Communications</i> , 2018 , 9, 4994	17.4	22
131	Spatial-temporal fraction map fusion with multi-scale remotely sensed images. <i>Remote Sensing of Environment</i> , 2018 , 213, 162-181	13.2	19
130	Large-scale prerain vegetation green-up across Africa. <i>Global Change Biology</i> , 2018 , 24, 4054-4068	11.4	14
129	VPRS-Based Regional Decision Fusion of CNN and MRF Classifications for Very Fine Resolution Remotely Sensed Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 4507-4521	8.1	34
128	An object-based convolutional neural network (OCNN) for urban land use classification. <i>Remote Sensing of Environment</i> , 2018 , 216, 57-70	13.2	211
127	Approximate Area-to-Point Regression Kriging for Fast Hyperspectral Image Sharpening. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 286-295	4.7	7
126	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 1883-1896	4.7	9

125	Asteroid impact effects and their immediate hazards for human populations. <i>Geophysical Research Letters</i> , 2017 , 44, 3433-3440	4.9	31
124	Population vulnerability models for asteroid impact risk assessment. <i>Meteoritics and Planetary Science</i> , 2017 , 52, 1082-1102	2.8	12
123	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 4116-4123	4.7	26
122	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017 , 55, 3885-3899	8.1	89
121	The effect of the point spread function on sub-pixel mapping. <i>Remote Sensing of Environment</i> , 2017 , 193, 127-137	13.2	33
120	Malaria prevalence metrics in low- and middle-income countries: an assessment of precision in nationally-representative surveys. <i>Malaria Journal</i> , 2017 , 16, 475	3.6	7
119	Treatment-seeking behaviour in low- and middle-income countries estimated using a Bayesian model. <i>BMC Medical Research Methodology</i> , 2017 , 17, 67	4.7	10
118	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017 , 55, 600-614	8.1	21
117	Mapping the birch and grass pollen seasons in the UK using satellite sensor time-series. <i>Science of the Total Environment</i> , 2017 , 578, 586-600	10.2	28
116	Significance of major international seaports in the distribution of murine typhus in Taiwan. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005430	4.8	14
115	Fusion of Sentinel-2 images. <i>Remote Sensing of Environment</i> , 2016 , 187, 241-252	13.2	107
114	Anisotropy Characteristics of Exposed Gravel Beds Revealed in High-Point-Density Airborne Laser Scanning Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016 , 13, 1044-1048	4.1	2
113	Spatiotemporal Subpixel Mapping of Time-Series Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 5397-5411	8.1	23
112	A systematic review of vegetation phenology in Africa. <i>Ecological Informatics</i> , 2016 , 34, 117-128	4.2	42
111	Moving interdisciplinary science forward: integrating participatory modelling with mathematical modelling of zoonotic disease in Africa. <i>Infectious Diseases of Poverty</i> , 2016 , 5, 17	10.4	23
110	Novel shape indices for vector landscape pattern analysis. <i>International Journal of Geographical Information Science</i> , 2016 , 30, 2442-2461	4.1	9
109	Extravagance in the commons: Resource exploitation and the frontiers of ecosystem service depletion in the Amazon estuary. <i>Science of the Total Environment</i> , 2016 , 550, 6-16	10.2	12
108	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016 , 9, 414-424	4.7	22

107	The global impact distribution of Near-Earth objects. <i>Icarus</i> , 2016 , 265, 209-217	3.8	14
106	The Sero-epidemiology of <i>Coxiella burnetii</i> in Humans and Cattle, Western Kenya: Evidence from a Cross-Sectional Study. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005032	4.8	32
105	A Multi-Host Agent-Based Model for a Zoonotic, Vector-Borne Disease. A Case Study on Trypanosomiasis in Eastern Province, Zambia. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005252	4.8	6
104	Advances in mapping malaria for elimination: fine resolution modelling of <i>Plasmodium falciparum</i> incidence. <i>Scientific Reports</i> , 2016 , 6, 29628	4.9	27
103	Spatio-temporal analysis of malaria vector density from baseline through intervention in a high transmission setting. <i>Parasites and Vectors</i> , 2016 , 9, 637	4	14
102	On the influence of impact effect modelling for global asteroid impact risk distribution. <i>Acta Astronautica</i> , 2016 , 123, 165-170	2.9	16
101	Area-to-point regression kriging for pan-sharpening. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016 , 114, 151-165	11.8	42
100	Hyalomma ticks on northward migrating birds in southern Spain: Implications for the risk of entry of Crimean-Congo haemorrhagic fever virus to Great Britain. <i>Journal of Vector Ecology</i> , 2016 , 41, 128-34 ^{1.5}	1.5	18
99	2016 ,		1
98	Modelling the spatial-temporal distribution of tsetse (<i>Glossina pallidipes</i>) as a function of topography and vegetation greenness in the Zambezi Valley of Zimbabwe. <i>Applied Geography</i> , 2016 , 76, 198-206	4.4	6
97	A multiple-point spatially weighted k-NN classifier for remote sensing. <i>International Journal of Remote Sensing</i> , 2016 , 37, 4441-4459	3.1	8
96	Poverty, health and satellite-derived vegetation indices: their inter-spatial relationship in West Africa. <i>International Health</i> , 2015 , 7, 99-106	2.4	18
95	Downscaling MODIS images with area-to-point regression kriging. <i>Remote Sensing of Environment</i> , 2015 , 166, 191-204	13.2	100
94	Tsetse fly (<i>G. f. fuscipes</i>) distribution in the Lake Victoria basin of Uganda. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003705	4.8	21
93	A novel multi-parameter support vector machine for image classification. <i>International Journal of Remote Sensing</i> , 2015 , 36, 1890-1906	3.1	11
92	Fine spatial resolution residential land-use data for small-area population mapping: a case study in Riyadh, Saudi Arabia. <i>International Journal of Remote Sensing</i> , 2015 , 36, 4315-4331	3.1	9
91	Accuracy of Digital Elevation Models Derived From Terrestrial Laser Scanning Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015 , 12, 1923-1927	4.1	15
90	Land Cover Change Detection at Subpixel Resolution With a Hopfield Neural Network. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 1339-1352	4.7	50

89	Mapping Soil Health over Large Agriculturally Important Areas. <i>Soil Science Society of America Journal</i> , 2015 , 79, 1420-1434	2.5	28
88	Characterising the Land Surface Phenology of Europe Using Decadal MERIS Data. <i>Remote Sensing</i> , 2015 , 7, 9390-9409	5	29
87	Spatiotemporal Variation in Mangrove Chlorophyll Concentration Using Landsat 8. <i>Remote Sensing</i> , 2015 , 7, 14530-14558	5	43
86	Spatiotemporal Variation in Surface Urban Heat Island Intensity and Associated Determinants across Major Chinese Cities. <i>Remote Sensing</i> , 2015 , 7, 3670-3689	5	83
85	The potential of satellite-observed crop phenology to enhance yield gap assessments in smallholder landscapes. <i>Frontiers in Environmental Science</i> , 2015 , 3,	4.8	28
84	Evaluating the impact of the community-based health planning and services initiative on uptake of skilled birth care in Ghana. <i>PLoS ONE</i> , 2015 , 10, e0120556	3.7	34
83	Exploiting Human Resource Requirements to Infer Human Movement Patterns for Use in Modelling Disease Transmission Systems: An Example from Eastern Province, Zambia. <i>PLoS ONE</i> , 2015 , 10, e0139505	3.7	5
82	Spatiotemporal variation in the terrestrial vegetation phenology of Iraq and its relation with elevation. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015 , 41, 107-117	7.3	17
81	Sleeping sickness and its relationship with development and biodiversity conservation in the Luangwa Valley, Zambia. <i>Parasites and Vectors</i> , 2015 , 8, 224	4	18
80	A Multiple-Mapping Kernel for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015 , 12, 978-982	4.1	8
79	Downscaling remotely sensed imagery using area-to-point cokriging and multiple-point geostatistical simulation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015 , 101, 174-185	11.8	32
78	Sub-pixel mapping of remote sensing images based on radial basis function interpolation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014 , 92, 1-15	11.8	77
77	Remotely sensed trends in the phenology of northern high latitude terrestrial vegetation, controlling for land cover change and vegetation type. <i>Remote Sensing of Environment</i> , 2014 , 143, 154-170	13.2	91
76	Propagation of vertical and horizontal source data errors into a TIN with linear interpolation. <i>International Journal of Geographical Information Science</i> , 2014 , 28, 1378-1400	4.1	10
75	The effect of short ground vegetation on terrestrial laser scans at a local scale. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014 , 95, 42-52	11.8	27
74	Interpreting predictive maps of disease: highlighting the pitfalls of distribution models in epidemiology. <i>Geospatial Health</i> , 2014 , 9, 237-46	2.2	6
73	Climate variability and anthropogenic impacts on a semi-distributed monsoon catchment runoff simulations 2014 ,		3
72	An effective approach for gap-filling continental scale remotely sensed time-series. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014 , 98, 106-118	11.8	118

71	Modelling the incidence of Plasmodium vivax and Plasmodium falciparum malaria in Afghanistan 2006-2009. <i>PLoS ONE</i> , 2014 , 9, e102304	3.7	21
70	Ecological sustainability in rangelands: the contribution of remote sensing. <i>International Journal of Remote Sensing</i> , 2013 , 34, 6216-6242	3.1	34
69	Downscaling in remote sensing. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013 , 22, 106-114	7.3	154
68	Decadal length changes in the fluvial planform of the River Ganga: bringing a mega-river to life with Landsat archives. <i>Remote Sensing Letters</i> , 2013 , 4, 1-9	2.3	40
67	Exploring the links between census and environment using remotely sensed satellite sensor imagery. <i>Journal of Land Use Science</i> , 2013 , 8, 284-303	2.7	11
66	Validation of the MODIS reflectance product under UK conditions. <i>International Journal of Remote Sensing</i> , 2013 , 34, 7376-7399	3.1	2
65	Remote sensing of river bathymetry for use in hydraulic model prediction of flood inundation 2012 ,		3
64	Inter-comparison of four models for smoothing satellite sensor time-series data to estimate vegetation phenology. <i>Remote Sensing of Environment</i> , 2012 , 123, 400-417	13.2	309
63	Modelling the bulk flow of a bedrock-constrained, multi-channel reach of the Mekong River, Siphandone, southern Laos. <i>Earth Surface Processes and Landforms</i> , 2012 , 37, 533-545	3.7	8
62	Autologistic modelling of susceptibility to landsliding in the Central Apennines, Italy. <i>Geomorphology</i> , 2011 , 130, 55-64	4.3	71
61	Exploring the impact of climate and land use changes on streamflow trends in a monsoon catchment. <i>International Journal of Climatology</i> , 2011 , 31, 815-831	3.5	62
60	A characterisation of climate variability and trends in hydrological extremes in the Severn Uplands. <i>International Journal of Climatology</i> , 2011 , 31, 1634-1652	3.5	23
59	A comparison of gauge and radar precipitation data for simulating an extreme hydrological event in the Severn Uplands, UK. <i>Hydrological Processes</i> , 2011 , 25, 795-810	3.3	34
58	Image fusion by spatially adaptive filtering using downscaling cokriging. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2011 , 66, 337-346	11.8	48
57	Super-resolution mapping using Hopfield Neural Network with panchromatic imagery. <i>International Journal of Remote Sensing</i> , 2011 , 32, 6149-6176	3.1	56
56	Spatio-temporal analysis of tree height in a young cork oak plantation. <i>International Journal of Geographical Information Science</i> , 2011 , 25, 1083-1096	4.1	7
55	Terrestrial vegetation phenology from MODIS and MERIS 2010 ,		3
54	The use of MERIS Terrestrial Chlorophyll Index to study spatio-temporal variation in vegetation phenology over India. <i>Remote Sensing of Environment</i> , 2010 , 114, 1388-1402	13.2	93

53	Characterising the spatial pattern of phenology for the tropical vegetation of India using multi-temporal MERIS chlorophyll data. <i>Landscape Ecology</i> , 2010 , 25, 1125-1141	4.3	30
52	A Geostatistically Weighted k-NN Classifier for Remotely Sensed Imagery. <i>Geographical Analysis</i> , 2010 , 42, 204-225	2.9	30
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