

# Peter M Atkinson

## List of Publications by Citations

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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	Urbanization, malaria transmission and disease burden in Africa. <i>Nature Reviews Microbiology</i> , <b>2005</b> , 3, 81-90	22.2	394
213	Inter-comparison of four models for smoothing satellite sensor time-series data to estimate vegetation phenology. <i>Remote Sensing of Environment</i> , <b>2012</b> , 123, 400-417	13.2	309
212	Super-resolution target identification from remotely sensed images using a Hopfield neural network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2001</b> , 39, 781-796	8.1	222
211	An object-based convolutional neural network (OCNN) for urban land use classification. <i>Remote Sensing of Environment</i> , <b>2018</b> , 216, 57-70	13.2	211
210	Sub-pixel Target Mapping from Soft-classified, Remotely Sensed Imagery. <i>Photogrammetric Engineering and Remote Sensing</i> , <b>2005</b> , 71, 839-846	1.6	210
209	A hybrid MLP-CNN classifier for very fine resolution remotely sensed image classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2018</b> , 140, 133-144	11.8	189
208	Super-resolution land cover pattern prediction using a Hopfield neural network. <i>Remote Sensing of Environment</i> , <b>2002</b> , 79, 1-14	13.2	186
207	Spatial Scale Problems and Geostatistical Solutions: A Review. <i>Professional Geographer</i> , <b>2000</b> , 52, 607-623	7	182
206	Joint Deep Learning for land cover and land use classification. <i>Remote Sensing of Environment</i> , <b>2019</b> , 221, 173-187	13.2	179
205	. <i>IEEE Geoscience and Remote Sensing Magazine</i> , <b>2019</b> , 7, 6-39	8.9	159
204	Downscaling in remote sensing. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2013</b> , 22, 106-114	7.3	154
203	Spatio-temporal fusion for daily Sentinel-2 images. <i>Remote Sensing of Environment</i> , <b>2018</b> , 204, 31-42	13.2	136
202	Downscaling cokriging for image sharpening. <i>Remote Sensing of Environment</i> , <b>2006</b> , 102, 86-98	13.2	132
201	Super-resolution mapping of the waterline from remotely sensed data. <i>International Journal of Remote Sensing</i> , <b>2005</b> , 26, 5381-5392	3.1	130
200	An effective approach for gap-filling continental scale remotely sensed time-series. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2014</b> , 98, 106-118	11.8	118
199	Issues of uncertainty in super-resolution mapping and their implications for the design of an inter-comparison study. <i>International Journal of Remote Sensing</i> , <b>2009</b> , 30, 5293-5308	3.1	113
198	COVID-19 Outbreak Prediction with Machine Learning. <i>Algorithms</i> , <b>2020</b> , 13, 249	1.8	112

197	Fusion of Sentinel-2 images. <i>Remote Sensing of Environment</i> , <b>2016</b> , 187, 241-252	13.2	107
196	Downscaling MODIS images with area-to-point regression kriging. <i>Remote Sensing of Environment</i> , <b>2015</b> , 166, 191-204	13.2	100
195	Superresolution mapping using a hopfield neural network with fused images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2006</b> , 44, 736-749	8.1	98
194	Remote sensing of mangrove forest phenology and its environmental drivers. <i>Remote Sensing of Environment</i> , <b>2018</b> , 205, 71-84	13.2	97
193	The use of MERIS Terrestrial Chlorophyll Index to study spatio-temporal variation in vegetation phenology over India. <i>Remote Sensing of Environment</i> , <b>2010</b> , 114, 1388-1402	13.2	93
192	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> , <b>2014</b> , 143, 154-170	13.2	91
191	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2008</b> , 46, 573-580	8.1	90
190	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 3885-3899	8.1	89
189	Spatiotemporal Variation in Surface Urban Heat Island Intensity and Associated Determinants across Major Chinese Cities. <i>Remote Sensing</i> , <b>2015</b> , 7, 3670-3689	5	83
188	Sub-pixel mapping of remote sensing images based on radial basis function interpolation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2014</b> , 92, 1-15	11.8	77
187	Superresolution mapping using a Hopfield neural network with lidar data. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2005</b> , 2, 366-370	4.1	77
186	Autologistic modelling of susceptibility to landsliding in the Central Apennines, Italy. <i>Geomorphology</i> , <b>2011</b> , 130, 55-64	4.3	71
185	Mapping paddy rice fields by applying machine learning algorithms to multi-temporal Sentinel-1A and Landsat data. <i>International Journal of Remote Sensing</i> , <b>2018</b> , 39, 1042-1067	3.1	69
184	Exploring the impact of climate and land use changes on streamflow trends in a monsoon catchment. <i>International Journal of Climatology</i> , <b>2011</b> , 31, 815-831	3.5	62
183	A linearised pixel-swapping method for mapping rural linear land cover features from fine spatial resolution remotely sensed imagery. <i>Computers and Geosciences</i> , <b>2007</b> , 33, 1261-1272	4.5	60
182	Spatial variation in land cover and choice of spatial resolution for remote sensing. <i>International Journal of Remote Sensing</i> , <b>2004</b> , 25, 3687-3702	3.1	60
181	Super-resolution mapping using Hopfield Neural Network with panchromatic imagery. <i>International Journal of Remote Sensing</i> , <b>2011</b> , 32, 6149-6176	3.1	56
180	Multiple-class land-cover mapping at the sub-pixel scale using a Hopfield neural network. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2001</b> , 3, 184-190	7.3	51

179	Dramatic Loss of Agricultural Land Due to Urban Expansion Threatens Food Security in the Nile Delta, Egypt. <i>Remote Sensing</i> , <b>2019</b> , 11, 332	5	50
178	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> , <b>2015</b> , 8, 1339-1352	4.7	50
177	Generalized linear modelling in geomorphology <b>1998</b> , 23, 1185-1195		50
176	Image fusion by spatially adaptive filtering using downscaling cokriging. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2011</b> , 66, 337-346	11.8	48
175	Sociodemographic determinants of COVID-19 incidence rates in Oman: Geospatial modelling using multiscale geographically weighted regression (MGWR). <i>Sustainable Cities and Society</i> , <b>2021</b> , 65, 102627	10.1	48
174	Localized soft classification for super-resolution mapping of the shoreline. <i>International Journal of Remote Sensing</i> , <b>2006</b> , 27, 2271-2285	3.1	47
173	Non-stationary variogram models for geostatistical sampling optimisation: An empirical investigation using elevation data. <i>Computers and Geosciences</i> , <b>2007</b> , 33, 1285-1300	4.5	44
172	Scale Sequence Joint Deep Learning (SS-JDL) for land use and land cover classification. <i>Remote Sensing of Environment</i> , <b>2020</b> , 237, 111593	13.2	44
171	Spatiotemporal Variation in Mangrove Chlorophyll Concentration Using Landsat 8. <i>Remote Sensing</i> , <b>2015</b> , 7, 14530-14558	5	43
170	A systematic review of vegetation phenology in Africa. <i>Ecological Informatics</i> , <b>2016</b> , 34, 117-128	4.2	42
169	Area-to-point regression kriging for pan-sharpening. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2016</b> , 114, 151-165	11.8	42
168	Spatial predictions of Rhodesian Human African Trypanosomiasis (sleeping sickness) prevalence in Kaberamaido and Dokolo, two newly affected districts of Uganda. <i>PLoS Neglected Tropical Diseases</i> , <b>2009</b> , 3, e563	4.8	41
167	Principles and methods of scaling geospatial Earth science data. <i>Earth-Science Reviews</i> , <b>2019</b> , 197, 102897	10.2	40
166	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> , <b>2013</b> , 4, 1-9	2.3	40
165	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> , <b>2018</b> , 613-614, 250-262	10.2	38
164	A Massively Parallel Deep Rule-Based Ensemble Classifier for Remote Sensing Scenes. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2018</b> , 15, 345-349	4.1	36
163	Deriving ground surface digital elevation models from LiDAR data with geostatistics. <i>International Journal of Geographical Information Science</i> , <b>2006</b> , 20, 535-563	4.1	36
162	Linking remote sensing, land cover and disease. <i>Advances in Parasitology</i> , <b>2000</b> , 47, 37-80	3.2	36

161	Virtual image pair-based spatio-temporal fusion. <i>Remote Sensing of Environment</i> , <b>2020</b> , 249, 112009	13.2	35
160	Rice crop phenology mapping at high spatial and temporal resolution using downscaled MODIS time-series. <i>GIScience and Remote Sensing</i> , <b>2018</b> , 55, 659-677	4.8	34
159	Ecological sustainability in rangelands: the contribution of remote sensing. <i>International Journal of Remote Sensing</i> , <b>2013</b> , 34, 6216-6242	3.1	34
158	Evaluating the impact of the community-based health planning and services initiative on uptake of skilled birth care in Ghana. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120556	3.7	34
157	A comparison of gauge and radar precipitation data for simulating an extreme hydrological event in the Severn Uplands, UK. <i>Hydrological Processes</i> , <b>2011</b> , 25, 795-810	3.3	34
156	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> , <b>2018</b> , 56, 4507-4521	8.1	34
155	The effect of the point spread function on sub-pixel mapping. <i>Remote Sensing of Environment</i> , <b>2017</b> , 193, 127-137	13.2	33
154	Downscaling remotely sensed imagery using area-to-point cokriging and multiple-point geostatistical simulation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2015</b> , 101, 174-185	11.8	32
153	The Sero-epidemiology of Coxiella burnetii in Humans and Cattle, Western Kenya: Evidence from a Cross-Sectional Study. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005032	4.8	32
152	Asteroid impact effects and their immediate hazards for human populations. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 3433-3440	4.9	31
151	Characterising the spatial pattern of phenology for the tropical vegetation of India using multi-temporal MERIS chlorophyll data. <i>Landscape Ecology</i> , <b>2010</b> , 25, 1125-1141	4.3	30
150	A Geostatistically Weighted k-NN Classifier for Remotely Sensed Imagery. k-NN. <i>Geographical Analysis</i> , <b>2010</b> , 42, 204-225	2.9	30
149	Characterising the Land Surface Phenology of Europe Using Decadal MERIS Data. <i>Remote Sensing</i> , <b>2015</b> , 7, 9390-9409	5	29
148	Explainable artificial intelligence: an analytical review. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , <b>2021</b> , 11, e1424	6.9	29
147	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> , <b>2020</b> , 87, 102032	7.3	28
146	Characterising the land surface phenology of Africa using 500 m MODIS EVI. <i>Applied Geography</i> , <b>2018</b> , 90, 187-199	4.4	28
145	Mapping the birch and grass pollen seasons in the UK using satellite sensor time-series. <i>Science of the Total Environment</i> , <b>2017</b> , 578, 586-600	10.2	28
144	Mapping Soil Health over Large Agriculturally Important Areas. <i>Soil Science Society of America Journal</i> , <b>2015</b> , 79, 1420-1434	2.5	28

143	The potential of satellite-observed crop phenology to enhance yield gap assessments in smallholder landscapes. <i>Frontiers in Environmental Science</i> , <b>2015</b> , 3,	4.8	28
142	The effect of short ground vegetation on terrestrial laser scans at a local scale. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2014</b> , 95, 42-52	11.8	27
141	Advances in mapping malaria for elimination: fine resolution modelling of Plasmodium falciparum incidence. <i>Scientific Reports</i> , <b>2016</b> , 6, 29628	4.9	27
140	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2017</b> , 10, 4116-4123	4.7	26
139	Scale in Spatial Information and Analysis		26
138	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> , <b>2020</b> , 169, 280-291	11.8	24
137	Spatio-temporal spectral unmixing of time-series images. <i>Remote Sensing of Environment</i> , <b>2021</b> , 259, 112407	13.2	24
136	Spatiotemporal Subpixel Mapping of Time-Series Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2016</b> , 54, 5397-5411	8.1	23
135	Moving interdisciplinary science forward: integrating participatory modelling with mathematical modelling of zoonotic disease in Africa. <i>Infectious Diseases of Poverty</i> , <b>2016</b> , 5, 17	10.4	23
134	Three-Fold Urban Expansion in Saudi Arabia from 1992 to 2013 Observed Using Calibrated DMSP-OLS Night-Time Lights Imagery. <i>Remote Sensing</i> , <b>2019</b> , 11, 2266	5	23
133	A characterisation of climate variability and trends in hydrological extremes in the Severn Uplands. <i>International Journal of Climatology</i> , <b>2011</b> , 31, 1634-1652	3.5	23
132	IDENTIFICATION OF SPECIFIC TREE SPECIES IN ANCIENT SEMI-NATURAL WOODLAND FROM DIGITAL AERIAL SENSOR IMAGERY <b>2005</b> , 15, 1233-1244		23
131	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 2362-2376	8.1	22
130	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2016</b> , 9, 414-424	4.7	22
129	National and sub-national variation in patterns of febrile case management in sub-Saharan Africa. <i>Nature Communications</i> , <b>2018</b> , 9, 4994	17.4	22
128	Multiattention Network for Semantic Segmentation of Fine-Resolution Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-13	8.1	22
127	Tsetse fly ( <i>G. f. fuscipes</i> ) distribution in the Lake Victoria basin of Uganda. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003705	4.8	21
126	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 600-614	8.1	21

125	Non-stationary Approaches for Mapping Terrain and Assessing Prediction Uncertainty. <i>Transactions in GIS</i> , <b>2002</b> , 6, 17-30	2.1	21
124	Modelling the incidence of Plasmodium vivax and Plasmodium falciparum malaria in Afghanistan 2006-2009. <i>PLoS ONE</i> , <b>2014</b> , 9, e102304	3.7	21
123	ABCNet: Attentive bilateral contextual network for efficient semantic segmentation of Fine-Resolution remotely sensed imagery. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2021</b> , 181, 84-98	11.8	20
122	General solution to reduce the point spread function effect in subpixel mapping. <i>Remote Sensing of Environment</i> , <b>2020</b> , 251, 112054	13.2	19
121	Spatial-temporal fraction map fusion with multi-scale remotely sensed images. <i>Remote Sensing of Environment</i> , <b>2018</b> , 213, 162-181	13.2	19
120	Poverty, health and satellite-derived vegetation indices: their inter-spatial relationship in West Africa. <i>International Health</i> , <b>2015</b> , 7, 99-106	2.4	18
119	Photoperiod controls vegetation phenology across Africa. <i>Communications Biology</i> , <b>2019</b> , 2, 391	6.7	18
118	Sleeping sickness and its relationship with development and biodiversity conservation in the Luangwa Valley, Zambia. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 224	4	18
117	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> , <b>2016</b> , 41, 128-34	1.5	18
116	Agricultural shocks and drivers of livelihood precariousness across Indian rural communities. <i>Landscape and Urban Planning</i> , <b>2019</b> , 189, 307-319	7.7	17
115	Spatiotemporal variation in the terrestrial vegetation phenology of Iraq and its relation with elevation. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2015</b> , 41, 107-117	7.3	17
114	The use of elevation data in flood inundation modelling: A comparison of ERS interferometric SAR and combined contour and differential GPS data. <i>International Journal of River Basin Management</i> , <b>2005</b> , 3, 3-20	1.7	17
113	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> , <b>2019</b> , 74, 45-56	7.3	17
112	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 487-503	4.7	16
111	On the influence of impact effect modelling for global asteroid impact risk distribution. <i>Acta Astronautica</i> , <b>2016</b> , 123, 165-170	2.9	16
110	Accuracy of Digital Elevation Models Derived From Terrestrial Laser Scanning Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2015</b> , 12, 1923-1927	4.1	15
109	Uncertainty in Remote Sensing and GIS: Fundamentals <b>2006</b> , 1-18		15
108	Sub-pixel mapping with point constraints. <i>Remote Sensing of Environment</i> , <b>2020</b> , 244, 111817	13.2	14



107	The global impact distribution of Near-Earth objects. <i>Icarus</i> , <b>2016</b> , 265, 209-217	3.8	14
106	Significance of major international seaports in the distribution of murine typhus in Taiwan. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005430	4.8	14
105	Spatio-temporal analysis of malaria vector density from baseline through intervention in a high transmission setting. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 637	4	14
104	Large-scale prerain vegetation green-up across Africa. <i>Global Change Biology</i> , <b>2018</b> , 24, 4054-4068	11.4	14
103	Population vulnerability models for asteroid impact risk assessment. <i>Meteoritics and Planetary Science</i> , <b>2017</b> , 52, 1082-1102	2.8	12
102	Two-Phase Object-Based Deep Learning for Multi-Temporal SAR Image Change Detection. <i>Remote Sensing</i> , <b>2020</b> , 12, 548	5	12
101	Extravagance in the commons: Resource exploitation and the frontiers of ecosystem service depletion in the Amazon estuary. <i>Science of the Total Environment</i> , <b>2016</b> , 550, 6-16	10.2	12
100	Blocks-removed spatial unmixing for downscaling MODIS images. <i>Remote Sensing of Environment</i> , <b>2021</b> , 256, 112325	13.2	12
99	. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2021</b> , 1-5	4.1	12
98	Filling gaps in Landsat ETM+SLC-off images with Sentinel-2 MSI images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2021</b> , 101, 102365	7.3	12
97	A novel multi-parameter support vector machine for image classification. <i>International Journal of Remote Sensing</i> , <b>2015</b> , 36, 1890-1906	3.1	11
96	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> , <b>2018</b> , 12, e0006188	4.8	11
95	Exploring the links between census and environment using remotely sensed satellite sensor imagery. <i>Journal of Land Use Science</i> , <b>2013</b> , 8, 284-303	2.7	11
94	Spatial Prediction and Surface Modeling. <i>Geographical Analysis</i> , <b>2005</b> , 37, 113-123	2.9	11
93	The effect of the point spread function on downscaling continua. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2020</b> , 168, 251-267	11.8	11
92	Propagation of vertical and horizontal source data errors into a TIN with linear interpolation. <i>International Journal of Geographical Information Science</i> , <b>2014</b> , 28, 1378-1400	4.1	10
91	Treatment-seeking behaviour in low- and middle-income countries estimated using a Bayesian model. <i>BMC Medical Research Methodology</i> , <b>2017</b> , 17, 67	4.7	10
90	Analysing Uncertainty Propagation in GIS: Why is it not that Simple? <b>2006</b> , 155-165		10



89	Tracking small-scale tropical forest disturbances: Fusing the Landsat and Sentinel-2 data record. <i>Remote Sensing of Environment</i> , <b>2021</b> , 261, 112470	13.2	10
88	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2017</b> , 10, 1883-1896	4.7	9
87	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> , <b>2015</b> , 36, 4315-4331	3.1	9
86	Novel shape indices for vector landscape pattern analysis. <i>International Journal of Geographical Information Science</i> , <b>2016</b> , 30, 2442-2461	4.1	9
85	Information Loss-Guided Multi-Resolution Image Fusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 45-57	8.1	9
84	Collective influence of household and community capitals on agricultural employment as a measure of rural poverty in the Mahanadi Delta, India. <i>Ambio</i> , <b>2020</b> , 49, 281-298	6.5	9
83	Enhancing spectral unmixing by considering the point spread function effect. <i>Spatial Statistics</i> , <b>2018</b> , 28, 271-283	2.2	8
82	A Multiple-Mapping Kernel for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2015</b> , 12, 978-982	4.1	8
81	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> , <b>2012</b> , 37, 533-545	3.7	8
80	Super-resolution mapping of urban scenes from IKONOS imagery using a Hopfield neural network		8
79	A multiple-point spatially weighted k-NN classifier for remote sensing. <i>International Journal of Remote Sensing</i> , <b>2016</b> , 37, 4441-4459	3.1	8
78	Spatial Spectral Radial Basis Function-Based Interpolation for Landsat ETM+ SLC-Off Image Gap Filling. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 7901-7917	8.1	8
77	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> , <b>2017</b> , 10, 286-295	4.7	7
76	Malaria prevalence metrics in low- and middle-income countries: an assessment of precision in nationally-representative surveys. <i>Malaria Journal</i> , <b>2017</b> , 16, 475	3.6	7
75	Spatio-temporal analysis of tree height in a young cork oak plantation. <i>International Journal of Geographical Information Science</i> , <b>2011</b> , 25, 1083-1096	4.1	7
74	Uncertainty in Remote Sensing <b>2006</b> , 19-24		7
73	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> , <b>2021</b> , 13, 1171	5	7
72	SSA-SiamNet: Spectral-Spatial-Wise Attention-Based Siamese Network for Hyperspectral Image Change Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-18	8.1	7

71	A hybrid OSVM-OCNN Method for Crop Classification from Fine Spatial Resolution Remotely Sensed Imagery. <i>Remote Sensing</i> , <b>2019</b> , 11, 2370	5	6
70	Interpreting predictive maps of disease: highlighting the pitfalls of distribution models in epidemiology. <i>Geospatial Health</i> , <b>2014</b> , 9, 237-46	2.2	6
69	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> , <b>2016</b> , 10, e0005252	4.8	6
68	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> , <b>2016</b> , 76, 198-206	4.4	6
67	Biospytial: spatial graph-based computing for ecological Big Data. <i>GigaScience</i> , <b>2020</b> , 9,	7.6	5
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