

# Nicholas C. Coops

## List of Publications by Citations

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487  
papers

19,973  
citations

72  
h-index

116  
g-index

505  
ext. papers

22,972  
ext. citations

5.9  
avg, IF

7.17  
L-index

#	Paper	IF	Citations
487	Ecology. Essential biodiversity variables. <i>Science</i> , <b>2013</b> , 339, 277-8	33.3	809
486	A new data fusion model for high spatial- and temporal-resolution mapping of forest disturbance based on Landsat and MODIS. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 1613-1627	13.2	438
485	Lidar sampling for large-area forest characterization: A review. <i>Remote Sensing of Environment</i> , <b>2012</b> , 121, 196-209	13.2	423
484	Current status of Landsat program, science, and applications. <i>Remote Sensing of Environment</i> , <b>2019</b> , 225, 127-147	13.2	341
483	Remote Sensing Technologies for Enhancing Forest Inventories: A Review. <i>Canadian Journal of Remote Sensing</i> , <b>2016</b> , 42, 619-641	1.8	327
482	Environmental science: Agree on biodiversity metrics to track from space. <i>Nature</i> , <b>2015</b> , 523, 403-5	50.4	260
481	The role of LiDAR in sustainable forest management. <i>Forestry Chronicle</i> , <b>2008</b> , 84, 807-826	1	242
480	Estimating canopy structure of Douglas-fir forest stands from discrete-return LiDAR. <i>Trees - Structure and Function</i> , <b>2007</b> , 21, 295-310	2.6	237
479	High Spatial Resolution Remotely Sensed Data for Ecosystem Characterization. <i>BioScience</i> , <b>2004</b> , 54, 511	5.7	236
478	Pixel-Based Image Compositing for Large-Area Dense Time Series Applications and Science. <i>Canadian Journal of Remote Sensing</i> , <b>2014</b> , 40, 192-212	1.8	223
477	Generation of dense time series synthetic Landsat data through data blending with MODIS using a spatial and temporal adaptive reflectance fusion model. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 1988-1999	13.2	210
476	Aerial Photography: A Rapidly Evolving Tool for Ecological Management. <i>BioScience</i> , <b>2010</b> , 60, 47-59	5.7	206
475	The Utility of Image-Based Point Clouds for Forest Inventory: A Comparison with Airborne Laser Scanning. <i>Forests</i> , <b>2013</b> , 4, 518-536	2.8	203
474	Evaluating error associated with lidar-derived DEM interpolation. <i>Computers and Geosciences</i> , <b>2009</b> , 35, 289-300	4.5	201
473	The use of remote sensing in light use efficiency based models of gross primary production: a review of current status and future requirements. <i>Science of the Total Environment</i> , <b>2008</b> , 404, 411-23	10.2	200
472	Assessing forest productivity in Australia and New Zealand using a physiologically-based model driven with averaged monthly weather data and satellite-derived estimates of canopy photosynthetic capacity. <i>Forest Ecology and Management</i> , <b>1998</b> , 104, 113-127	3.9	191
471	An integrated Landsat time series protocol for change detection and generation of annual gap-free surface reflectance composites. <i>Remote Sensing of Environment</i> , <b>2015</b> , 158, 220-234	13.2	189

470	Forest canopy effects on snow accumulation and ablation: An integrative review of empirical results. <i>Journal of Hydrology</i> , <b>2010</b> , 392, 219-233	6	189
469	Regional detection, characterization, and attribution of annual forest change from 1984 to 2012 using Landsat-derived time-series metrics. <i>Remote Sensing of Environment</i> , <b>2015</b> , 170, 121-132	13.2	182
468	Extracting urban vegetation characteristics using spectral mixture analysis and decision tree classifications. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 398-407	13.2	171
467	Assessing the utility of airborne hyperspectral and LiDAR data for species distribution mapping in the coastal Pacific Northwest, Canada. <i>Remote Sensing of Environment</i> , <b>2010</b> , 114, 2841-2852	13.2	163
466	Performance of the forest productivity model 3-PG applied to a wide range of forest types. <i>Forest Ecology and Management</i> , <b>2003</b> , 172, 199-214	3.9	162
465	Land cover 2.0. <i>International Journal of Remote Sensing</i> , <b>2018</b> , 39, 4254-4284	3.1	161
464	Assessment of forest structure with airborne LiDAR and the effects of platform altitude. <i>Remote Sensing of Environment</i> , <b>2006</b> , 103, 140-152	13.2	161
463	Application of high spatial resolution satellite imagery for riparian and forest ecosystem classification. <i>Remote Sensing of Environment</i> , <b>2007</b> , 110, 29-44	13.2	159
462	Assessment of QuickBird high spatial resolution imagery to detect red attack damage due to mountain pine beetle infestation. <i>Remote Sensing of Environment</i> , <b>2006</b> , 103, 67-80	13.2	158
461	Satellites: Make Earth observations open access. <i>Nature</i> , <b>2014</b> , 513, 30-1	50.4	146
460	Development of a large area biodiversity monitoring system driven by remote sensing. <i>Progress in Physical Geography</i> , <b>2007</b> , 31, 235-260	3.5	144
459	Global satellite monitoring of climate-induced vegetation disturbances. <i>Trends in Plant Science</i> , <b>2015</b> , 20, 114-23	13.1	142
458	Estimating burn severity from Landsat dNBR and RdNBR indices across western Canada. <i>Remote Sensing of Environment</i> , <b>2010</b> , 114, 1896-1909	13.2	137
457	Multi-angle remote sensing of forest light use efficiency by observing PRI variation with canopy shadow fraction. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 3201-3211	13.2	137
456	Separating physiologically and directionally induced changes in PRI using BRDF models. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 2777-2788	13.2	136
455	A best practices guide for generating forest inventory attributes from airborne laser scanning data using an area-based approach. <i>Forestry Chronicle</i> , <b>2013</b> , 89, 722-723	1	131
454	Estimation of insect infestation dynamics using a temporal sequence of Landsat data. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 3680-3689	13.2	131
453	lidR: An R package for analysis of Airborne Laser Scanning (ALS) data. <i>Remote Sensing of Environment</i> , <b>2020</b> , 251, 112061	13.2	126

452	Virtual constellations for global terrestrial monitoring. <i>Remote Sensing of Environment</i> , <b>2015</b> , 170, 62-76	13.2	123
451	Mass data processing of time series Landsat imagery: pixels to data products for forest monitoring. <i>International Journal of Digital Earth</i> , <b>2016</b> , 9, 1035-1054	3.9	123
450	Mapping urban tree species using integrated airborne hyperspectral and LiDAR remote sensing data. <i>Remote Sensing of Environment</i> , <b>2017</b> , 200, 170-182	13.2	123
449	Assessing Tower Flux Footprint Climatology and Scaling Between Remotely Sensed and Eddy Covariance Measurements. <i>Boundary-Layer Meteorology</i> , <b>2009</b> , 130, 137-167	3.4	122
448	MODIS enhanced vegetation index predicts tree species richness across forested ecoregions in the contiguous U.S.A.. <i>Remote Sensing of Environment</i> , <b>2006</b> , 103, 218-226	13.2	120
447	Comparing canopy metrics derived from terrestrial and airborne laser scanning in a Douglas-fir dominated forest stand. <i>Trees - Structure and Function</i> , <b>2010</b> , 24, 819-832	2.6	118
446	Estimating the probability of mountain pine beetle red-attack damage. <i>Remote Sensing of Environment</i> , <b>2006</b> , 101, 150-166	13.2	117
445	Comparing ALS and Image-Based Point Cloud Metrics and Modelled Forest Inventory Attributes in a Complex Coastal Forest Environment. <i>Forests</i> , <b>2015</b> , 6, 3704-3732	2.8	105
444	Validation of modeled carbon-dioxide emissions from an urban neighborhood with direct eddy-covariance measurements. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 6057-6069	5.3	103
443	Disturbance-Informed Annual Land Cover Classification Maps of Canada's Forested Ecosystems for a 29-Year Landsat Time Series. <i>Canadian Journal of Remote Sensing</i> , <b>2018</b> , 44, 67-87	1.8	102
442	Changes in vegetation photosynthetic activity trends across the Asia-Pacific region over the last three decades. <i>Remote Sensing of Environment</i> , <b>2014</b> , 144, 28-41	13.2	102
441	Remote sensing of photosynthetic light-use efficiency across two forested biomes: Spatial scaling. <i>Remote Sensing of Environment</i> , <b>2010</b> , 114, 2863-2874	13.2	96
440	Multitemporal remote sensing of landscape dynamics and pattern change: describing natural and anthropogenic trends. <i>Progress in Physical Geography</i> , <b>2008</b> , 32, 503-528	3.5	96
439	Monitoring plant condition and phenology using infrared sensitive consumer grade digital cameras. <i>Agricultural and Forest Meteorology</i> , <b>2014</b> , 184, 98-106	5.8	94
438	Estimating the vulnerability of fifteen tree species under changing climate in Northwest North America. <i>Ecological Modelling</i> , <b>2011</b> , 222, 2119-2129	3	92
437	Estimation of forest biomass dynamics in subtropical forests using multi-temporal airborne LiDAR data. <i>Remote Sensing of Environment</i> , <b>2016</b> , 178, 158-171	13.2	90
436	Comparison of MODIS, eddy covariance determined and physiologically modelled gross primary production (GPP) in a Douglas-fir forest stand. <i>Remote Sensing of Environment</i> , <b>2007</b> , 107, 385-401	13.2	90
435	Unmanned aerial systems for precision forest inventory purposes: A review and case study. <i>Forestry Chronicle</i> , <b>2017</b> , 93, 71-81	1	89

434	Spectral reflectance characteristics of eucalypt foliage damaged by insects. <i>Australian Journal of Botany</i> , <b>2001</b> , 49, 687	1.2	89
433	Integrating Landsat pixel composites and change metrics with lidar plots to predictively map forest structure and aboveground biomass in Saskatchewan, Canada. <i>Remote Sensing of Environment</i> , <b>2016</b> , 176, 188-201	13.2	84
432	Forest recovery trends derived from Landsat time series for North American boreal forests. <i>International Journal of Remote Sensing</i> , <b>2016</b> , 37, 138-149	3.1	84
431	Multi-temporal analysis of high spatial resolution imagery for disturbance monitoring. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 2729-2740	13.2	81
430	Prediction of eucalypt foliage nitrogen content from satellite-derived hyperspectral data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2003</b> , 41, 1338-1346	8.1	81
429	Estimation of Light-use Efficiency of Terrestrial Ecosystems from Space: A Status Report. <i>BioScience</i> , <b>2010</b> , 60, 788-797	5.7	80
428	Linking foliage spectral responses to canopy-level ecosystem photosynthetic light-use efficiency at a Douglas-fir forest in Canada. <i>Canadian Journal of Remote Sensing</i> , <b>2009</b> , 35, 166-188	1.8	80
427	Simulation study for finding optimal lidar acquisition parameters for forest height retrieval. <i>Forest Ecology and Management</i> , <b>2005</b> , 214, 398-412	3.9	79
426	Status and prospects for LiDAR remote sensing of forested ecosystems. <i>Canadian Journal of Remote Sensing</i> , <b>2013</b> , 39, S1-S5	1.8	78
425	Relationships between individual-tree mortality and water-balance variables indicate positive trends in water stress-induced tree mortality across North America. <i>Global Change Biology</i> , <b>2017</b> , 23, 1691-1710	11.4	77
424	Lidar plots as a new large-area data collection option: context, concepts, and case study. <i>Canadian Journal of Remote Sensing</i> , <b>2012</b> , 38, 600-618	1.8	77
423	Characterizing residual structure and forest recovery following high-severity fire in the western boreal of Canada using Landsat time-series and airborne lidar data. <i>Remote Sensing of Environment</i> , <b>2015</b> , 163, 48-60	13.2	76
422	Assessment of standing wood and fiber quality using ground and airborne laser scanning: A review. <i>Forest Ecology and Management</i> , <b>2011</b> , 261, 1467-1478	3.9	76
421	Assessing the past and future distribution and productivity of ponderosa pine in the Pacific Northwest using a process model, 3-PG. <i>Ecological Modelling</i> , <b>2005</b> , 183, 107-124	3	76
420	The distribution and abundance of ground-dwelling mammals in relation to time since wildfire and vegetation structure in south-eastern Australia. <i>Wildlife Research</i> , <b>2001</b> , 28, 555	1.8	75
419	The development of a Canadian dynamic habitat index using multi-temporal satellite estimates of canopy light absorbance. <i>Ecological Indicators</i> , <b>2008</b> , 8, 754-766	5.8	74
418	An assessment of photosynthetic light use efficiency from space: Modeling the atmospheric and directional impacts on PRI reflectance. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 2463-2475	13.2	73
417	Analysis of the Influence of Plot Size and LiDAR Density on Forest Structure Attribute Estimates. <i>Forests</i> , <b>2014</b> , 5, 936-951	2.8	72

4 <sup>16</sup>	Comparison of forest attributes extracted from fine spatial resolution multispectral and lidar data. <i>Canadian Journal of Remote Sensing</i> , <b>2004</b> , 30, 855-866	1.8	72
4 <sup>15</sup>	Regional mapping of vegetation structure for biodiversity monitoring using airborne lidar data. <i>Ecological Informatics</i> , <b>2017</b> , 38, 50-61	4.2	71
4 <sup>14</sup>	Monitoring biodiversity in the Anthropocene using remote sensing in species distribution models. <i>Remote Sensing of Environment</i> , <b>2020</b> , 239, 111626	13.2	70
4 <sup>13</sup>	Spatial data, analysis approaches, and information needs for spatial ecosystem service assessments: a review. <i>GIScience and Remote Sensing</i> , <b>2015</b> , 52, 344-373	4.8	68
4 <sup>12</sup>	Instrumentation and approach for unattended year round tower based measurements of spectral reflectance. <i>Computers and Electronics in Agriculture</i> , <b>2007</b> , 56, 72-84	6.5	68
4 <sup>11</sup>	Digital Aerial Photogrammetry for Updating Area-Based Forest Inventories: A Review of Opportunities, Challenges, and Future Directions. <i>Current Forestry Reports</i> , <b>2019</b> , 5, 55-75	8	65
4 <sup>10</sup>	Chlorophyll content in eucalypt vegetation at the leaf and canopy scales as derived from high resolution spectral data. <i>Tree Physiology</i> , <b>2003</b> , 23, 23-31	4.2	65
4 <sup>09</sup>	Estimation of forest structure and canopy fuel parameters from small-footprint full-waveform LiDAR data. <i>International Journal of Wildland Fire</i> , <b>2014</b> , 23, 224	3.2	63
4 <sup>08</sup>	Intercomparison of fraction of absorbed photosynthetically active radiation products derived from satellite data over Europe. <i>Remote Sensing of Environment</i> , <b>2014</b> , 142, 141-154	13.2	62
4 <sup>07</sup>	Assessing eddy-covariance flux tower location bias across the Fluxnet-Canada Research Network based on remote sensing and footprint modelling. <i>Agricultural and Forest Meteorology</i> , <b>2011</b> , 151, 87-100	5.8	62
4 <sup>06</sup>	Characterizing spatial representativeness of flux tower eddy-covariance measurements across the Canadian Carbon Program Network using remote sensing and footprint analysis. <i>Remote Sensing of Environment</i> , <b>2012</b> , 124, 742-755	13.2	61
4 <sup>05</sup>	Tracking plant physiological properties from multi-angular tower-based remote sensing. <i>Oecologia</i> , <b>2011</b> , 165, 865-76	2.9	60
4 <sup>04</sup>	Assessing changes in forest fragmentation following infestation using time series Landsat imagery. <i>Forest Ecology and Management</i> , <b>2010</b> , 259, 2355-2365	3.9	60
4 <sup>03</sup>	Assessment of Dothistroma Needle Blight of Pinus radiata Using Airborne Hyperspectral Imagery. <i>Phytopathology</i> , <b>2003</b> , 93, 1524-32	3.8	60
4 <sup>02</sup>	Three decades of forest structural dynamics over Canada's forested ecosystems using Landsat time-series and lidar plots. <i>Remote Sensing of Environment</i> , <b>2018</b> , 216, 697-714	13.2	59
4 <sup>01</sup>	Using street based metrics to characterize urban typologies. <i>Computers, Environment and Urban Systems</i> , <b>2014</b> , 44, 68-79	5.9	59
4 <sup>00</sup>	Using multi-frequency radar and discrete-return LiDAR measurements to estimate above-ground biomass and biomass components in a coastal temperate forest. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2012</b> , 69, 121-133	11.8	59
399	Comparison of MODIS gross primary production estimates for forests across the U.S.A. with those generated by a simple process model, 3-PGS. <i>Remote Sensing of Environment</i> , <b>2007</b> , 109, 500-509	13.2	59

398	The use of multiscale remote sensing imagery to derive regional estimates of forest growth capacity using 3-PGS. <i>Remote Sensing of Environment</i> , <b>2001</b> , 75, 324-334	13.2	59
397	Comparison of airborne laser scanning and digital stereo imagery for characterizing forest canopy gaps in coastal temperate rainforests. <i>Remote Sensing of Environment</i> , <b>2018</b> , 208, 1-14	13.2	58
396	Using Small-Footprint Discrete and Full-Waveform Airborne LiDAR Metrics to Estimate Total Biomass and Biomass Components in Subtropical Forests. <i>Remote Sensing</i> , <b>2014</b> , 6, 7110-7135	5	58
395	Prediction and assessment of bark beetle-induced mortality of lodgepole pine using estimates of stand vigor derived from remotely sensed data. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 1058-1066	13.2	58
394	Assessing forest productivity at local scales across a native eucalypt forest using a process model, 3PG-SPATIAL. <i>Forest Ecology and Management</i> , <b>2001</b> , 152, 275-291	3.9	58
393	Analyzing spatial and temporal variability in short-term rates of post-fire vegetation return from Landsat time series. <i>Remote Sensing of Environment</i> , <b>2018</b> , 205, 32-45	13.2	58
392	Accelerating regrowth of temperate-maritime forests due to environmental change. <i>Global Change Biology</i> , <b>2012</b> , 18, 2026-2040	11.4	57
391	Update of forest inventory data with lidar and high spatial resolution satellite imagery. <i>Canadian Journal of Remote Sensing</i> , <b>2008</b> , 34, 5-12	1.8	57
390	Estimating mean monthly incident solar radiation on horizontal and inclined slopes from mean monthly temperatures extremes. <i>International Journal of Biometeorology</i> , <b>2000</b> , 44, 204-11	3.7	57
389	Integrating airborne LiDAR and space-borne radar via multivariate kriging to estimate above-ground biomass. <i>Remote Sensing of Environment</i> , <b>2013</b> , 139, 340-352	13.2	56
388	A systems approach to carbon cycling and emissions modeling at an urban neighborhood scale. <i>Landscape and Urban Planning</i> , <b>2013</b> , 110, 48-58	7.7	56
387	Large Area Mapping of Annual Land Cover Dynamics Using Multitemporal Change Detection and Classification of Landsat Time Series Data. <i>Canadian Journal of Remote Sensing</i> , <b>2015</b> , 41, 293-314	1.8	55
386	Beta-diversity gradients of butterflies along productivity axes. <i>Global Ecology and Biogeography</i> , <b>2012</b> , 21, 352-364	6.1	55
385	Monitoring Canada's forests. Part 2: National forest fragmentation and pattern. <i>Canadian Journal of Remote Sensing</i> , <b>2008</b> , 34, 563-584	1.8	55
384	Large area monitoring with a MODIS-based Disturbance Index (DI) sensitive to annual and seasonal variations. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 1250-1261	13.2	54
383	A process-based approach to estimate lodgepole pine ( <i>Pinus contorta</i> Dougl.) distribution in the Pacific Northwest under climate change. <i>Climatic Change</i> , <b>2011</b> , 105, 313-328	4.5	53
382	Detecting mountain pine beetle red attack damage with EO-1 Hyperion moisture indices. <i>International Journal of Remote Sensing</i> , <b>2007</b> , 28, 2111-2121	3.1	53
381	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2011</b> , 49, 2385-2392	8.1	52



380	Assessing the status of forest regeneration using digital aerial photogrammetry and unmanned aerial systems. <i>International Journal of Remote Sensing</i> , <b>2018</b> , 39, 5246-5264	3.1	52
379	PHOTOSYNSAT, photosynthesis from space: Theoretical foundations of a satellite concept and validation from tower and spaceborne data. <i>Remote Sensing of Environment</i> , <b>2011</b> , 115, 1918-1925	13.2	51
378	Assessing plantation canopy condition from airborne imagery using spectral mixture analysis and fractional abundances. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2005</b> , 7, 11-28	7.3	51
377	Boreal Shield forest disturbance and recovery trends using Landsat time series. <i>Remote Sensing of Environment</i> , <b>2015</b> , 170, 317-327	13.2	50
376	Characterizing urban surface cover and structure with airborne lidar technology. <i>Canadian Journal of Remote Sensing</i> , <b>2009</b> , 35, 297-309	1.8	50
375	Tree species classification in subtropical forests using small-footprint full-waveform LiDAR data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2016</b> , 49, 39-51	7.3	49
374	Integrating remotely sensed and ancillary data sources to characterize a mountain pine beetle infestation. <i>Remote Sensing of Environment</i> , <b>2006</b> , 105, 83-97	13.2	49
373	Characterization of aboveground biomass in an unmanaged boreal forest using Landsat temporal segmentation metrics. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2014</b> , 92, 137-146	11.8	48
372	Linking ground-based to satellite-derived phenological metrics in support of habitat assessment. <i>Remote Sensing Letters</i> , <b>2012</b> , 3, 191-200	2.3	48
371	Assessment of crown condition in eucalypt vegetation by remotely sensed optical indices. <i>Journal of Environmental Quality</i> , <b>2004</b> , 33, 956-64	3.4	48
370	Predicting site index with a physiologically based growth model across Oregon, USA. <i>Canadian Journal of Forest Research</i> , <b>2005</b> , 35, 1697-1707	1.9	48
369	Using digital time-lapse cameras to monitor species-specific understorey and overstorey phenology in support of wildlife habitat assessment. <i>Environmental Monitoring and Assessment</i> , <b>2011</b> , 180, 1-13	3.1	47
368	A comparison of field-based and modelled reflectance spectra from damaged <i>Pinus radiata</i> foliage. <i>Australian Journal of Botany</i> , <b>2005</b> , 53, 417	1.2	47
367	Estimation of standing dead tree class distributions in northwest coastal forests using lidar remote sensing. <i>Canadian Journal of Forest Research</i> , <b>2009</b> , 39, 1080-1091	1.9	46
366	Assessing forest growth across southwestern Oregon under a range of current and future global change scenarios using a process model, 3-PG. <i>Global Change Biology</i> , <b>2001</b> , 7, 15-29	11.4	46
365	Integrating remote sensing and local ecological knowledge to monitor rangeland dynamics. <i>Ecological Indicators</i> , <b>2017</b> , 82, 106-116	5.8	45
364	Assessing the impact of current and projected climates on Douglas-Fir productivity in British Columbia, Canada, using a process-based model (3-PG). <i>Canadian Journal of Forest Research</i> , <b>2010</b> , 40, 511-524	1.9	45
363	Exploring the relative importance of satellite-derived descriptors of production, topography and land cover for predicting breeding bird species richness over Ontario, Canada. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 668-679	13.2	45



362	A forest structure habitat index based on airborne laser scanning data. <i>Ecological Indicators</i> , <b>2016</b> , 67, 346-357	5.8	45
361	A comparison of Dynamic Habitat Indices derived from different MODIS products as predictors of avian species richness. <i>Remote Sensing of Environment</i> , <b>2017</b> , 195, 142-152	13.2	44
360	Inferring terrestrial photosynthetic light use efficiency of temperate ecosystems from space. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		44
359	A geographical approach to identifying vegetation-related environmental equity in Canadian cities. <i>Environment and Planning B: Planning and Design</i> , <b>2010</b> , 37, 1040-1056		44
358	Bird diversity: a predictable function of satellite-derived estimates of seasonal variation in canopy light absorbance across the United States. <i>Journal of Biogeography</i> , <b>2009</b> , 36, 905-918	4.1	44
357	Effects of mutual shading of tree crowns on prediction of photosynthetic light-use efficiency in a coastal Douglas-fir forest. <i>Tree Physiology</i> , <b>2008</b> , 28, 825-34	4.2	44
356	Estimates of New Zealand forest and scrub biomass from the 3-PG model. <i>Ecological Modelling</i> , <b>2000</b> , 131, 175-190	3	44
355	Detection of foliage conditions and disturbance from multi-angular high spectral resolution remote sensing. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 421-434	13.2	43
354	An environmental domain classification of Canada using earth observation data for biodiversity assessment. <i>Ecological Informatics</i> , <b>2009</b> , 4, 8-22	4.2	43
353	Utilising Airborne Multispectral Videography to Predict Habitat Complexity in Eucalypt Forests for Wildlife Management *Further information about this research can be found on the World Wide Web at <a href="http://www.ffp.csiro.au/nfm/mdq/">http://www.ffp.csiro.au/nfm/mdq/</a> . <i>Wildlife Research</i> , <b>1997</b> , 24, 691	1.8	43
352	Effects of pre-processing methods on Landsat OLI-8 land cover classification using OBIA and random forests classifier. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2018</b> , 73, 170-178	7.3	43
351	Validation of Solar Radiation Surfaces from MODIS and Reanalysis Data over Topographically Complex Terrain. <i>Journal of Applied Meteorology and Climatology</i> , <b>2009</b> , 48, 2441-2458	2.7	42
350	Description and validation of a new set of object-based temporal geostatistical features for land-use/land-cover change detection. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2016</b> , 121, 77-91	11.8	42
349	Identification of de facto protected areas in boreal Canada. <i>Biological Conservation</i> , <b>2012</b> , 146, 97-107	6.2	41
348	The influence of ground- and lidar-derived forest structure metrics on snow accumulation and ablation in disturbed forests. <i>Canadian Journal of Forest Research</i> , <b>2010</b> , 40, 812-821	1.9	41
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