

Joanne C White

List of Publications by Year in descending order

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Version: 2024-02-01

196
papers

14,305
citations

23500

58
h-index

22102

113
g-index

199
all docs

199
docs citations

199
times ranked

9775
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of scan angle on ALS metrics and area-based predictions of forest attributes for balsam fir dominated stands. <i>Forestry</i> , 2022, 95, 49-72.	1.2	6
2	The changing culture of silviculture. <i>Forestry</i> , 2022, 95, 143-152.	1.2	54
3	Multi-sensor change detection for within-year capture and labelling of forest disturbance. <i>Remote Sensing of Environment</i> , 2022, 268, 112741.	4.6	34
4	Land cover classification in an era of big and open data: Optimizing localized implementation and training data selection to improve mapping outcomes. <i>Remote Sensing of Environment</i> , 2022, 268, 112780.	4.6	61
5	Developing a forest inventory approach using airborne single photon lidar data: from ground plot selection to forest attribute prediction. <i>Forestry</i> , 2022, 95, 347-362.	1.2	5
6	An open science and open data approach for the statistically robust estimation of forest disturbance areas. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 106, 102663.	1.4	9
7	Aboveground biomass density models for NASA's Global Ecosystem Dynamics Investigation (GEDI) lidar mission. <i>Remote Sensing of Environment</i> , 2022, 270, 112845.	4.6	108
8	Mapping, validating, and interpreting spatio-temporal trends in post-disturbance forest recovery. <i>Remote Sensing of Environment</i> , 2022, 271, 112904.	4.6	37
9	Evaluating ICESat-2 for monitoring, modeling, and update of large area forest canopy height products. <i>Remote Sensing of Environment</i> , 2022, 271, 112919.	4.6	22
10	Characterizing stream morphological features important for fish habitat using airborne laser scanning data. <i>Remote Sensing of Environment</i> , 2022, 272, 112948.	4.6	6
11	Evaluating the capacity of single photon lidar for terrain characterization under a range of forest conditions. <i>Remote Sensing of Environment</i> , 2021, 252, 112169.	4.6	18
12	Sense of presence and sense of place in perceiving a 3D geovisualization for communication in urban planning – Differences introduced by prior familiarity with the place. <i>Landscape and Urban Planning</i> , 2021, 207, 103996.	3.4	22
13	Land cover harmonization using Latent Dirichlet Allocation. <i>International Journal of Geographical Information Science</i> , 2021, 35, 348-374.	2.2	13
14	Assessing single photon LiDAR for operational implementation of an enhanced forest inventory in diverse mixedwood forests. <i>Forestry Chronicle</i> , 2021, 97, 78-96.	0.5	19
15	Estimating Changes in Forest Attributes and Enhancing Growth Projections: a Review of Existing Approaches and Future Directions Using Airborne 3D Point Cloud Data. <i>Current Forestry Reports</i> , 2021, 7, 1-24.	3.4	28
16	Quantifying the precision of forest stand height and canopy cover estimates derived from air photo interpretation. <i>Forestry</i> , 2021, 94, 611-629.	1.2	8
17	Progress dans l'application de la télédétection pour les besoins en matière d'information sur les forêts au Canada : leçons tirées d'une collaboration nationale d'intervenants universitaires, industriels et gouvernementaux. <i>Forestry Chronicle</i> , 2021, 97, 127-147.	0.5	0
18	Advancing the application of remote sensing for forest information needs in Canada: Lessons learned from a national collaboration of university, industrial and government stakeholders. <i>Forestry Chronicle</i> , 2021, 97, 109-126.	0.5	2

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19	Using GEDI Waveforms for Improved TanDEM-X Forest Height Mapping: A Combined SINC + Legendre Approach. <i>Remote Sensing</i> , 2021, 13, 2882.	1.8	4
20	Modelling lidar-derived estimates of forest attributes over space and time: A review of approaches and future trends. <i>Remote Sensing of Environment</i> , 2021, 260, 112477.	4.6	123
21	Mapping dynamic peri-urban land use transitions across Canada using Landsat time series: Spatial and temporal trends and associations with socio-demographic factors. <i>Computers, Environment and Urban Systems</i> , 2021, 88, 101653.	3.3	15
22	The Combined Use of SLAM Laser Scanning and TLS for the 3D Indoor Mapping. <i>Buildings</i> , 2021, 11, 386.	1.4	11
23	Single photon lidar signal attenuation under boreal forest conditions. <i>Remote Sensing Letters</i> , 2021, 12, 1049-1060.	0.6	2
24	Comparing airborne and spaceborne photon-counting LiDAR canopy structural estimates across different boreal forest types. <i>Remote Sensing of Environment</i> , 2021, 262, 112510.	4.6	25
25	Augmenting Landsat time series with Harmonized Landsat Sentinel-2 data products: Assessment of spectral correspondence. <i>Science of Remote Sensing</i> , 2021, 4, 100031.	2.2	15
26	Benchmarking acquisition parameters for digital aerial photogrammetric data for forest inventory applications: Impacts of image overlap and resolution. <i>Remote Sensing of Environment</i> , 2021, 265, 112677.	4.6	7
27	3D Point Cloud Data in Conveying Information for Local Green Factor Assessment. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 762.	1.4	2
28	Update and spatial extension of strategic forest inventories using time series remote sensing and modeling. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 84, 101956.	1.4	10
29	Forest Road Status Assessment Using Airborne Laser Scanning. <i>Forest Science</i> , 2020, 66, 501-508.	0.5	6
30	Discriminating treed and non-treed wetlands in boreal ecosystems using time series Sentinel-1 data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 85, 102007.	1.4	15
31	Validation of ICESat-2 terrain and canopy heights in boreal forests. <i>Remote Sensing of Environment</i> , 2020, 251, 112110.	4.6	99
32	The urban greenness score: A satellite-based metric for multi-decadal characterization of urban land dynamics. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 93, 102210.	1.4	18
33	Spatially-Explicit Prediction of Wildfire Burn Probability Using Remotely-Sensed and Ancillary Data. <i>Canadian Journal of Remote Sensing</i> , 2020, 46, 313-329.	1.1	16
34	Extending Estimates of Tree and Tree Species Presence-Absence through Space and Time Using Landsat Composites. <i>Canadian Journal of Remote Sensing</i> , 2020, 46, 567-584.	1.1	4
35	Change in forest condition: Characterizing non-stand replacing disturbances using time series satellite imagery. <i>Forest Ecology and Management</i> , 2020, 474, 118370.	1.4	43
36	Optimizing Landsat time series length for regional mapping of lidar-derived forest structure. <i>Remote Sensing of Environment</i> , 2020, 239, 111645.	4.6	23

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37	Accurate derivation of stem curve and volume using backpack mobile laser scanning. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 246-262.	4.9	77
38	Satellite-based time series land cover and change information to map forest area consistent with national and international reporting requirements. Forestry, 2020, 93, 331-343.	1.2	15
39	Monitoring clearcutting and subsequent rapid recovery in Mediterranean coppice forests with Landsat time series. Annals of Forest Science, 2020, 77, 1.	0.8	36
40	Under-canopy UAV laser scanning for accurate forest field measurements. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 164, 41-60.	4.9	83
41	Uncovering spatial and ecological variability in gap size frequency distributions in the Canadian boreal forest. Scientific Reports, 2020, 10, 6069.	1.6	38
42	Biomass status and dynamics over Canada's forests: Disentangling disturbed area from associated aboveground biomass consequences. Environmental Research Letters, 2020, 15, 094093.	2.2	28
43	Grizzly bear selection of recently harvested forests is dependent on forest recovery rate and landscape composition. Forest Ecology and Management, 2019, 449, 117459.	1.4	13
44	Generating intra-year metrics of wildfire progression using multiple open-access satellite data streams. Remote Sensing of Environment, 2019, 232, 111295.	4.6	31
45	Structural development following stand-replacing disturbance in a boreal mixedwood forest. Forest Ecology and Management, 2019, 453, 117586.	1.4	6
46	Satellite time series can guide forest restoration. Nature, 2019, 569, 630-630.	13.7	14
47	Forest in situ observations using unmanned aerial vehicle as an alternative of terrestrial measurements. Forest Ecosystems, 2019, 6, .	1.3	86
48	Challenges of Multi-Temporal and Multi-Sensor Forest Growth Analyses in a Highly Disturbed Boreal Mixedwood Forests. Remote Sensing, 2019, 11, 2102.	1.8	16
49	Prevalence of multiple forest disturbances and impact on vegetation regrowth from interannual Landsat time series (1985-2015). Remote Sensing of Environment, 2019, 233, 111403.	4.6	35
50	Assessing spectral measures of post-harvest forest recovery with field plot data. International Journal of Applied Earth Observation and Geoinformation, 2019, 80, 102-114.	1.4	15
51	Digital Aerial Photogrammetry for Updating Area-Based Forest Inventories: A Review of Opportunities, Challenges, and Future Directions. Current Forestry Reports, 2019, 5, 55-75.	3.4	109
52	Demonstrating the transferability of forest inventory attribute models derived using airborne laser scanning data. Remote Sensing of Environment, 2019, 227, 110-124.	4.6	56
53	Uncovering regional variability in disturbance trends between parks and greater park ecosystems across Canada (1985-2015). Scientific Reports, 2019, 9, 1323.	1.6	7
54	Information Needs of Next-Generation Forest Carbon Models: Opportunities for Remote Sensing Science. Remote Sensing, 2019, 11, 463.	1.8	22

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55	Current status of Landsat program, science, and applications. <i>Remote Sensing of Environment</i> , 2019, 225, 127-147.	4.6	586
56	Quantifying the contribution of spectral metrics derived from digital aerial photogrammetry to area-based models of forest inventory attributes. <i>Remote Sensing of Environment</i> , 2019, 234, 111434.	4.6	17
57	Impact of time on interpretations of forest fragmentation: Three-decades of fragmentation dynamics over Canada. <i>Remote Sensing of Environment</i> , 2019, 222, 65-77.	4.6	43
58	Multi-sensor, multi-scale, Bayesian data synthesis for mapping within-year wildfire progression. <i>Remote Sensing Letters</i> , 2019, 10, 302-311.	0.6	37
59	The Petawawa Research Forest: Establishment of a remote sensing supersite. <i>Forestry Chronicle</i> , 2019, 95, 149-156.	0.5	14
60	Depth camera indoor mapping for 3D virtual radio play. <i>Photogrammetric Record</i> , 2018, 33, 171-195.	0.4	15
61	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> , 2018, 44, 67-87.	1.1	146
62	Land cover 2.0. <i>International Journal of Remote Sensing</i> , 2018, 39, 4254-4284.	1.3	261
63	Comparison of airborne laser scanning and digital stereo imagery for characterizing forest canopy gaps in coastal temperate rainforests. <i>Remote Sensing of Environment</i> , 2018, 208, 1-14.	4.6	75
64	Updating stand-level forest inventories using airborne laser scanning and Landsat time series data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 66, 174-183.	1.4	33
65	Changing northern vegetation conditions are influencing barren ground caribou (<i>Rangifer</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	14
66	Large-area mapping of Canadian boreal forest cover, height, biomass and other structural attributes using Landsat composites and lidar plots. <i>Remote Sensing of Environment</i> , 2018, 209, 90-106.	4.6	171
67	Analyzing spatial and temporal variability in short-term rates of post-fire vegetation return from Landsat time series. <i>Remote Sensing of Environment</i> , 2018, 205, 32-45.	4.6	81
68	Reply to Vauhkonen: Comment on Tompalski et al. Combining Multi-Date Airborne Laser Scanning and Digital Aerial Photogrammetric Data for Forest Growth and Yield Modelling. <i>Remote Sens.</i> 2018, 10, 347. <i>Remote Sensing</i> , 2018, 10, 1432.	1.8	0
69	Context and Opportunities for Expanding Protected Areas in Canada. <i>Land</i> , 2018, 7, 137.	1.2	6
70	Evidence of vegetation greening at alpine treeline ecotones: three decades of Landsat spectral trends informed by lidar-derived vertical structure. <i>Environmental Research Letters</i> , 2018, 13, 084022.	2.2	30
71	A thirty year, fine-scale, characterization of area burned in Canadian forests shows evidence of regionally increasing trends in the last decade. <i>PLoS ONE</i> , 2018, 13, e0197218.	1.1	58
72	Developing 5m resolution canopy height and digital terrain models from WorldView and ArcticDEM data. <i>Remote Sensing of Environment</i> , 2018, 218, 174-188.	4.6	20

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73	A National Assessment of Wetland Status and Trends for Canada's Forested Ecosystems Using 33 Years of Earth Observation Satellite Data. <i>Remote Sensing</i> , 2018, 10, 1623.	1.8	42
74	Enhancing the Estimation of Stem-Size Distributions for Unimodal and Bimodal Stands in a Boreal Mixedwood Forest with Airborne Laser Scanning Data. <i>Forests</i> , 2018, 9, 95.	0.9	20
75	Combining Multi-Date Airborne Laser Scanning and Digital Aerial Photogrammetric Data for Forest Growth and Yield Modelling. <i>Remote Sensing</i> , 2018, 10, 347.	1.8	44
76	Aboveground forest biomass derived using multiple dates of WorldView-2 stereo-imagery: quantifying the improvement in estimation accuracy. <i>International Journal of Remote Sensing</i> , 2018, 39, 8766-8783.	1.3	15
77	Confirmation of post-harvest spectral recovery from Landsat time series using measures of forest cover and height derived from airborne laser scanning data. <i>Remote Sensing of Environment</i> , 2018, 216, 262-275.	4.6	60
78	Three decades of forest structural dynamics over Canada's forested ecosystems using Landsat time-series and lidar plots. <i>Remote Sensing of Environment</i> , 2018, 216, 697-714.	4.6	99
79	Feasibility of Google Tango and Kinect for Crowdsourcing Forestry Information. <i>Forests</i> , 2018, 9, 6.	0.9	53
80	Landsat archive holdings for Finland: opportunities for forest monitoring. <i>Silva Fennica</i> , 2018, 52, .	0.5	10
81	Assessing variability in post-fire forest structure along gradients of productivity in the Canadian boreal using multi-source remote sensing. <i>Journal of Biogeography</i> , 2017, 44, 1294-1305.	1.4	28
82	Characterizing streams and riparian areas with airborne laser scanning data. <i>Remote Sensing of Environment</i> , 2017, 192, 73-86.	4.6	29
83	A nationwide annual characterization of 25 years of forest disturbance and recovery for Canada using Landsat time series. <i>Remote Sensing of Environment</i> , 2017, 194, 303-321.	4.6	250
84	Changing Trends of Biomass and Carbon Pools in Mediterranean Pine Forests. <i>Managing Forest Ecosystems</i> , 2017, , 119-149.	0.4	0
85	Characterizing spatial-temporal patterns of landscape disturbance and recovery in western Alberta, Canada using a functional data analysis approach and remotely sensed data. <i>Ecological Informatics</i> , 2017, 39, 140-150.	2.3	10
86	Updating Landsat time series of surface-reflectance composites and forest change products with new observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 63, 104-111.	1.4	32
87	Barren-ground caribou (<i>Rangifer tarandus groenlandicus</i>) behaviour after recent fire events; integrating caribou telemetry data with Landsat fire detection techniques. <i>Global Change Biology</i> , 2017, 23, 1036-1047.	4.2	21
88	Classification of annual non-stand replacing boreal forest change in Canada using Landsat time series: a case study in northern Ontario. <i>Remote Sensing Letters</i> , 2017, 8, 29-37.	0.6	19
89	A space-time data cube: Multi-temporal forest structure maps from landsat and lidar. , 2017, , .		1
90	Differentiation of Alternate Harvesting Practices Using Annual Time Series of Landsat Data. <i>Forests</i> , 2017, 8, 15.	0.9	19

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91	Assessing Precision in Conventional Field Measurements of Individual Tree Attributes. <i>Forests</i> , 2017, 8, 38.	0.9	80
92	Forest Connectivity Regions of Canada Using Circuit Theory and Image Analysis. <i>PLoS ONE</i> , 2017, 12, e0169428.	1.1	11
93	Estimating changes in lichen mat volume through time and related effects on barren ground caribou (<i>Rangifer tarandus groenlandicus</i>) movement. <i>PLoS ONE</i> , 2017, 12, e0172669.	1.1	12
94	Enhancing Forest Growth and Yield Predictions with Airborne Laser Scanning Data: Increasing Spatial Detail and Optimizing Yield Curve Selection through Template Matching. <i>Forests</i> , 2016, 7, 255.	0.9	27
95	Improving carbon monitoring and reporting in forests using spatially-explicit information. <i>Carbon Balance and Management</i> , 2016, 11, 23.	1.4	18
96	Remote sensing of forest pest damage: a review and lessons learned from a Canadian perspective. <i>Canadian Entomologist</i> , 2016, 148, S296-S356.	0.4	95
97	Remote Sensing Technologies for Enhancing Forest Inventories: A Review. <i>Canadian Journal of Remote Sensing</i> , 2016, 42, 619-641.	1.1	493
98	Introduction to Special Issue on Remote Sensing for Advanced Forest Inventory. <i>Canadian Journal of Remote Sensing</i> , 2016, 42, 397-399.	1.1	0
99	Integration of Landsat time series and field plots for forest productivity estimates in decision support models. <i>Forest Ecology and Management</i> , 2016, 376, 284-297.	1.4	32
100	Mass data processing of time series Landsat imagery: pixels to data products for forest monitoring. <i>International Journal of Digital Earth</i> , 2016, 9, 1035-1054.	1.6	175
101	Trends in post-disturbance recovery rates of Canada's forests following wildfire and harvest. <i>Forest Ecology and Management</i> , 2016, 361, 194-207.	1.4	139
102	Extending Airborne Lidar-Derived Estimates of Forest Canopy Cover and Height Over Large Areas Using kNN With Landsat Time Series Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 3489-3496.	2.3	15
103	Optical remotely sensed time series data for land cover classification: A review. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016, 116, 55-72.	4.9	771
104	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> , 2016, 176, 188-201.	4.6	105
105	Forest stand age classification using time series of photogrammetrically derived digital surface models. <i>Scandinavian Journal of Forest Research</i> , 2016, 31, 194-205.	0.5	24
106	Using multi-source data to map and model the predisposition of forests to wind disturbance. <i>Scandinavian Journal of Forest Research</i> , 2016, 31, 66-79.	0.5	12
107	The global Landsat archive: Status, consolidation, and direction. <i>Remote Sensing of Environment</i> , 2016, 185, 271-283.	4.6	505
108	Effect of topographic correction on forest change detection using spectral trend analysis of Landsat pixel-based composites. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 44, 186-194.	1.4	34

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109	Estimating Forest Site Productivity Using Airborne Laser Scanning Data and Landsat Time Series. Canadian Journal of Remote Sensing, 2015, 41, 232-245.	1.1	22
110	Evaluating the impact of leaf-on and leaf-off airborne laser scanning data on the estimation of forest inventory attributes with the area-based approach. Canadian Journal of Forest Research, 2015, 45, 1498-1513.	0.8	40
111	Augmenting Site Index Estimation with Airborne Laser Scanning Data. Forest Science, 2015, 61, 861-873.	0.5	22
112	Enriching ALS-Derived Area-Based Estimates of Volume through Tree-Level Downscaling. Forests, 2015, 6, 2608-2630.	0.9	22
113	Comparing ALS and Image-Based Point Cloud Metrics and Modelled Forest Inventory Attributes in a Complex Coastal Forest Environment. Forests, 2015, 6, 3704-3732.	0.9	121
114	Characterizing stand-level forest canopy cover and height using Landsat time series, samples of airborne LiDAR, and the Random Forest algorithm. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 101, 89-101.	4.9	132
115	Regional detection, characterization, and attribution of annual forest change from 1984 to 2012 using Landsat-derived time-series metrics. Remote Sensing of Environment, 2015, 170, 121-132.	4.6	226
116	Integrated Object-Based Spatiotemporal Characterization of Forest Change from an Annual Time Series of Landsat Image Composites. Canadian Journal of Remote Sensing, 2015, 41, 271-292.	1.1	10
117	Large Area Mapping of Annual Land Cover Dynamics Using Multitemporal Change Detection and Classification of Landsat Time Series Data. Canadian Journal of Remote Sensing, 2015, 41, 293-314.	1.1	65
118	Virtual constellations for global terrestrial monitoring. Remote Sensing of Environment, 2015, 170, 62-76.	4.6	158
119	Mapping Dominant Tree Species over Large Forested Areas Using Landsat Best-Available-Pixel Image Composites. Canadian Journal of Remote Sensing, 2015, 41, 203-218.	1.1	24
120	An integrated Landsat time series protocol for change detection and generation of annual gap-free surface reflectance composites. Remote Sensing of Environment, 2015, 158, 220-234.	4.6	243
121	Pixel-Based Image Compositing for Large-Area Dense Time Series Applications and Science. Canadian Journal of Remote Sensing, 2014, 40, 192-212.	1.1	302
122	Forest Monitoring Using Landsat Time Series Data: A Review. Canadian Journal of Remote Sensing, 2014, 40, 362-384.	1.1	274
123	Historical forest biomass dynamics modelled with Landsat spectral trajectories. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 93, 14-28.	4.9	52
124	The Landsat observation record of Canada: 1972-2012. Canadian Journal of Remote Sensing, 2014, 39, 455-467.	1.1	40
125	Simulating the impacts of error in species and height upon tree volume derived from airborne laser scanning data. Forest Ecology and Management, 2014, 327, 167-177.	1.4	43
126	An approach using Dempster-Shafer theory to fuse spatial data and satellite image derived crown metrics for estimation of forest stand leading species. Information Fusion, 2013, 14, 384-395.	11.7	13

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127	A GIS-based risk rating of forest insect outbreaks using aerial overview surveys and the local Moran's I statistic. <i>Applied Geography</i> , 2013, 40, 161-170.	1.7	55
128	Forest inventory stand height estimates from very high spatial resolution satellite imagery calibrated with lidar plots. <i>International Journal of Remote Sensing</i> , 2013, 34, 4406-4424.	1.3	22
129	Airborne laser scanning and digital stereo imagery measures of forest structure: comparative results and implications to forest mapping and inventory update. <i>Canadian Journal of Remote Sensing</i> , 2013, 39, 382-395.	1.1	165
130	The Utility of Image-Based Point Clouds for Forest Inventory: A Comparison with Airborne Laser Scanning. <i>Forests</i> , 2013, 4, 518-536.	0.9	249
131	A best practices guide for generating forest inventory attributes from airborne laser scanning data using an area-based approach. <i>Forestry Chronicle</i> , 2013, 89, 722-723.	0.5	181
132	Impact of Forest Fragmentation on Patterns of Mountain Pine Beetle-Caused Tree Mortality. <i>Forests</i> , 2013, 4, 279-295.	0.9	21
133	Modeling Stand Height, Volume, and Biomass from Very High Spatial Resolution Satellite Imagery and Samples of Airborne LiDAR. <i>Remote Sensing</i> , 2013, 5, 2308-2326.	1.8	47
134	Characterizing 25 years of change in the area, distribution, and carbon stock of Mediterranean pines in Central Spain. <i>International Journal of Remote Sensing</i> , 2012, 33, 5546-5573.	1.3	24
135	Digital high spatial resolution aerial imagery to support forest health monitoring: the mountain pine beetle context. <i>Journal of Applied Remote Sensing</i> , 2012, 6, 062527.	0.6	16
136	Lidar sampling for large-area forest characterization: A review. <i>Remote Sensing of Environment</i> , 2012, 121, 196-209.	4.6	553
137	Lidar calibration and validation for geometric-optical modeling with Landsat imagery. <i>Remote Sensing of Environment</i> , 2012, 124, 384-393.	4.6	19
138	Lidar plots "a new large-area data collection option: context, concepts, and case study. <i>Canadian Journal of Remote Sensing</i> , 2012, 38, 600-618.	1.1	98
139	Representative Landscapes in the Forested Area of Canada. <i>Environmental Management</i> , 2012, 49, 163-173.	1.2	22
140	A history of habitat dynamics: Characterizing 35 years of stand replacing disturbance. <i>Canadian Journal of Remote Sensing</i> , 2011, 37, 234-251.	1.1	37
141	Fragmentation regimes of Canada's forests. <i>Canadian Geographer / Geographie Canadien</i> , 2011, 55, 288-300.	1.0	24
142	Continuity of Landsat observations: Short term considerations. <i>Remote Sensing of Environment</i> , 2011, 115, 747-751.	4.6	93
143	Characterizing the state and processes of change in a dynamic forest environment using hierarchical spatio-temporal segmentation. <i>Remote Sensing of Environment</i> , 2011, 115, 1665-1679.	4.6	87
144	Characterizing the forest fragmentation of Canada's national parks. <i>Environmental Monitoring and Assessment</i> , 2010, 164, 481-499.	1.3	24

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145	Implications of differing input data sources and approaches upon forest carbon stock estimation. <i>Environmental Monitoring and Assessment</i> , 2010, 166, 543-561.	1.3	20
146	Multiscale satellite and spatial information and analysis framework in support of a large-area forest monitoring and inventory update. <i>Environmental Monitoring and Assessment</i> , 2010, 170, 417-433.	1.3	28
147	Characterizing temperate forest structural and spectral diversity with Hyperion EO-1 data. <i>Remote Sensing of Environment</i> , 2010, 114, 1576-1589.	4.6	41
148	Segment-constrained regression tree estimation of forest stand height from very high spatial resolution panchromatic imagery over a boreal environment. <i>Remote Sensing of Environment</i> , 2010, 114, 2474-2484.	4.6	36
149	Identifying leading species using tree crown metrics derived from very high spatial resolution imagery in a boreal forest environment. <i>Canadian Journal of Remote Sensing</i> , 2010, 36, 332-344.	1.1	22
150	A Provincial and Regional Assessment of the Mountain Pine Beetle Epidemic in British Columbia: 1999-2008. <i>Journal of Environmental Informatics</i> , 2010, 15, 1-13.	6.0	17
151	Challenges for the operational detection of mountain pine beetle green attack with remote sensing. <i>Forestry Chronicle</i> , 2009, 85, 32-38.	0.5	40
152	Supporting large-area, sample-based forest inventories with very high spatial resolution satellite imagery. <i>Progress in Physical Geography</i> , 2009, 33, 403-423.	1.4	72
153	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> , 2009, 113, 1058-1066.	4.6	68
154	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> , 2009, 113, 1988-1999.	4.6	244
155	Determination of the compositional change (1999-2006) in the pine forests of British Columbia due to mountain pine beetle infestation. <i>Environmental Monitoring and Assessment</i> , 2009, 158, 593-608.	1.3	15
156	Characterizing boreal forest wildfire with multi-temporal Landsat and LIDAR data. <i>Remote Sensing of Environment</i> , 2009, 113, 1540-1555.	4.6	132
157	Monitoring the impacts of mountain pine beetle mitigation. <i>Forest Ecology and Management</i> , 2009, 258, 1181-1187.	1.4	27
158	Forest fragmentation, structure, and age characteristics as a legacy of forest management. <i>Forest Ecology and Management</i> , 2009, 258, 1938-1949.	1.4	24
159	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> , 2009, 113, 1613-1627.	4.6	567
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