

John A Kershaw Jr

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.

50
papers

735
citations

13
h-index

26
g-index

56
ext. papers

868
ext. citations

2.7
avg, IF

3.98
L-index

#	Paper	IF	Citations
50	Biomass estimates derived from sector subsampling of 360° spherical images. <i>Forestry</i> , 2021 , 94, 565-575.	2.2	1
49	The development of allometric systems of equations for compatible area-based LiDAR-assisted estimation. <i>Forestry</i> , 2021 , 94, 36-53	2.2	1
48	Synthesizing Disparate LiDAR and Satellite Datasets through Deep Learning to Generate Wall-to-Wall Regional Inventories for the Complex, Mixed-Species Forests of the Eastern United States. <i>Remote Sensing</i> , 2021 , 13, 5113	5	0
47	Carbon estimation using sampling to correct LiDAR-assisted enhanced forest inventory estimates. <i>Forestry Chronicle</i> , 2020 , 96, 9-19	1	5
46	Evaluating the potential of red spruce (<i>Picea rubens</i> Sarg.) to persist under climate change using historic provenance trials in eastern Canada. <i>Forest Ecology and Management</i> , 2020 , 466, 118139	3.9	0
45	Sample strategies for bias correction of regional LiDAR-assisted forest inventory Estimates on small woodlots. <i>Annals of Forest Science</i> , 2020 , 77, 1	3.1	3
44	Influence of sample selection method and estimation technique on sample size requirements for wall-to-wall estimation of volume using airborne LiDAR. <i>Forestry</i> , 2019 , 92, 311-323	2.2	11
43	Ecologically-Based Metrics for Assessing Structure in Developing Area-Based, Enhanced Forest Inventories from LiDAR. <i>Canadian Journal of Remote Sensing</i> , 2019 , 45, 88-112	1.8	4
42	Age-related changes in survival and turnover rates of balsam fir (<i>Abies balsamea</i> (L.) Mill.) fine roots. <i>Tree Physiology</i> , 2018 , 38, 865-876	4.2	2
41	Sampling with probability proportional to prediction: rethinking rapid plant diversity assessment. <i>Forestry</i> , 2018 , 91, 17-26	2.2	4
40	Layer Stacking: A Novel Algorithm for Individual Forest Tree Segmentation from LiDAR Point Clouds. <i>Canadian Journal of Remote Sensing</i> , 2017 , 43, 16-27	1.8	67
39	Rapid 21st century climate change projected to shift composition and growth of Canada's Acadian Forest Region. <i>Forest Ecology and Management</i> , 2017 , 405, 284-294	3.9	33
38	An imputation/copula-based stochastic individual tree growth model for mixed species Acadian forests: a case study using the Nova Scotia permanent sample plot network. <i>Forest Ecosystems</i> , 2017 , 4,	3.8	3
37	Big BAF sampling in mixed species forest structures of northeastern North America: influence of count and measure BAF under cost constraints. <i>Forestry</i> , 2017 , 90, 649-660	2.2	16
36	Needle longevity of balsam fir is increased by defoliation by spruce budworm. <i>Trees - Structure and Function</i> , 2017 , 31, 1933-1944	2.6	7
35	Influence of Prediction Cell Size on LiDAR-Derived Area-Based Estimates of Total Volume in Mixed-Species and Multicohort Forests in Northeastern North America. <i>Canadian Journal of Remote Sensing</i> , 2016 , 42, 473-488	1.8	12
34	Effect of local stand structure on leaf area, growth, and growth efficiency following thinning of white spruce. <i>Forest Ecology and Management</i> , 2016 , 368, 55-62	3.9	5

33	Comparing strategies for modeling individual-tree height and height-to-crown base increment in mixed-species Acadian forests of northeastern North America. <i>European Journal of Forest Research</i> , 2014 , 133, 1121-1135	2.7	22
32	Development of height to crown base models for thirteen tree species of the North American Acadian Region. <i>Forestry Chronicle</i> , 2012 , 88, 60-73	1	25
31	Development of regional height to diameter equations for 15 tree species in the North American Acadian Region. <i>Forestry</i> , 2012 , 85, 379-390	2.2	13
30	Fine root production varies with climate in balsam fir (<i>Abies balsamea</i>). <i>Canadian Journal of Forest Research</i> , 2012 , 42, 364-374	1.9	10
29	Regional Stem Taper Equations for Eleven Conifer Species in the Acadian Region of North America: Development and Assessment. <i>Northern Journal of Applied Forestry</i> , 2012 , 29, 5-14		61
28	Profit-Size Relationships: A Wood Value Expression to Facilitate Stand Management Decision Making. <i>Small-Scale Forestry</i> , 2011 , 10, 53-66	1.2	1
27	Modeling annualized occurrence, frequency, and composition of ingrowth using mixed-effects zero-inflated models and permanent plots in the Acadian Forest Region of North America. <i>Canadian Journal of Forest Research</i> , 2011 , 41, 2077-2089	1.9	44
26	Hybrid Models of Forest Growth and Yield 2011 , 253-264		0
25	Components of Tree-List Models 2011 , 85-114		
24	Seeding, Regeneration, and Recruitment 2011 , 157-167		
23	Linking Growth Models of Different Resolutions 2011 , 169-182		
22	Implementation and Use 2011 , 311-320		
21	Model Evaluation and Calibration 2011 , 295-309		
20	Forest Site Evaluation 2011 , 37-52		0
19	Modeling Silvicultural Treatments 2011 , 183-225		
18	Whole-Stand and Size-Class Models 2011 , 53-68		
17	Model Construction 2011 , 265-294		
16	Forest Growth and Yield Modeling 2011 ,		205

15	Indices of Competition 2011 , 15-36		1
14	Tree-Level Models 2011 , 69-84		2
13	Individual-Tree Static Equations 2011 , 115-137		1
12	Modelling primary branch frequency and size for five conifer species in Maine, USA. <i>Forest Ecology and Management</i> , 2010 , 259, 1912-1921	3.9	10
11	Overstorey species composition of naturally regenerated clearcuts in an ecological classification framework. <i>Plant Ecology</i> , 2010 , 208, 21-34	1.7	8
10	Grapevine (<i>Vitis</i> spp.) dynamics in association with manual tending, physiography, and host tree associations in temperate deciduous forests. <i>Forest Ecology and Management</i> , 2009 , 257, 1839-1846	3.9	12
9	Species differences in total and vertical distribution of branch- and tree-level leaf area for the five primary conifer species in Maine, USA. <i>Forest Ecology and Management</i> , 2009 , 258, 1695-1703	3.9	33
8	Competitive success of natural oak regeneration in clearcuts during the stem exclusion stage. <i>Canadian Journal of Forest Research</i> , 2008 , 38, 1419-1430	1.9	41
7	Effects of Mixed Stand Management to Reduce Impacts of Spruce Budworm Defoliation on Balsam Fir Stand-Level Growth and Yield. <i>Northern Journal of Applied Forestry</i> , 1999 , 16, 19-24		19
6	Influence of canopy structure assumptions on predictions from Beer's law. A comparison of deterministic and stochastic simulations. <i>Agricultural and Forest Meteorology</i> , 1996 , 81, 61-77	5.8	47
5	Application of allometric systems for compatible area-based LiDAR-assisted estimation in the Province of Nova Scotia. <i>Canadian Journal of Forest Research</i> , 1-10	1.9	
4	Synthesizing Disparate LiDAR and Satellite Datasets through Deep Learning to Generate Wall-to-Wall Regional Forest Inventories		4
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