

James D Stewart

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

219
citations

1307594

7
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosynthetic acclimation to elevated atmospheric carbon dioxide and UV irradiation in <i>Pinus banksiana</i> . <i>Physiologia Plantarum</i> , 1993, 88, 493-500.	5.2	68
2	Comparison of Terrestrial and Airborne LiDAR in Describing Stand Structure of a Thinned Lodgepole Pine Forest. <i>Journal of Forestry</i> , 2012, 110, 97-104.	1.0	34
3	Prediction of Wood Fiber Attributes from LiDAR-Derived Forest Canopy Indicators. <i>Forest Science</i> , 2013, 59, 231-242.	1.0	26
4	Determining the transition from juvenile to mature wood microfibril angle in lodgepole pine: a comparison of six different two-segment models. <i>Annals of Forest Science</i> , 2012, 69, 927-937.	2.0	18
5	Comment-The effects of direct-beam light on overcast-day estimates of light availability. <i>Canadian Journal of Forest Research</i> , 1997, 27, 272-274.	1.7	16
6	Preconditioning effects of nitrogen relative addition rate and drought stress on container-grown lodgepole pine seedlings. <i>Canadian Journal of Forest Research</i> , 1993, 23, 1663-1671.	1.7	13
7	Climate, location, and growth relationships with wood stiffness at the site, tree, and ring levels in white spruce (<i>Picea glauca</i>) in the Boreal Plains ecozone. <i>Canadian Journal of Forest Research</i> , 2016, 46, 1235-1245.	1.7	9
8	Modeling the Transition from Juvenile to Mature Wood Using Modulus of Elasticity in Lodgepole Pine. <i>Western Journal of Applied Forestry</i> , 2013, 28, 135-142.	0.5	8
9	Development, validation, and application of a model of intra- and inter-tree variability of wood density for lodgepole pine in western Canada. <i>Canadian Journal of Forest Research</i> , 2013, 43, 1172-1180.	1.7	6
10	Quantifying the uncontrolled CO ₂ dynamics of growth chambers. <i>Journal of Experimental Botany</i> , 1994, 45, 1143-1146.	4.8	5
11	Diurnal cycles of rhizosphere acidification by <i>Pinus contorta</i> seedlings. <i>Plant and Soil</i> , 1994, 162, 299-302.	3.7	5
12	Comparison between static modulus of elasticity, non-destructive testing moduli of elasticity and stress-wave speed in white spruce and lodgepole pine wood. <i>Wood Material Science and Engineering</i> , 2022, 17, 345-355.	2.3	5
13	Annual ring density for lodgepole pine as derived from models for earlywood density, latewood density and latewood proportion. <i>Forestry</i> , 2015, 88, 622-632.	2.3	4
14	Models of the Vertical Distribution of Sapwood Area for Lodgepole Pine and Western Hemlock in Western Canada. <i>Forest Science</i> , 2015, 61, 973-987.	1.0	2