

Dean F Meason

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

479
citations

840776

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30
all docs

30
docs citations

30
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Multiscale SMAP Soil Moisture Products in Forested Environments. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0
2	Site-specific approach to growth assessment and cultivation of teak (<i>Tectona grandis</i>) in Nicaraguan dry tropics. Forest Ecology and Management, 2021, 480, 118658.	3.2	4
3	Within-site drivers for soil nutrient variability in plantation forests: A case study from dry sub-humid New Zealand. Catena, 2021, 200, 105149.	5.0	8
4	Hybrid height growth and survival model for juvenile <i>Eucalyptus globoidea</i> (Blakely) and <i>E. bosistoana</i> (F. Muell) in New Zealand. Forest Ecology and Management, 2021, 490, 119074.	3.2	5
5	Global Tree Taper Modelling: A Review of Applications, Methods, Functions, and Their Parameters. Forests, 2021, 12, 913.	2.1	12
6	Diversification of forestry portfolios for climate change and market risk mitigation. Journal of Environmental Management, 2021, 289, 112482.	7.8	9
7	Germination and growth responses to water stress of three agroforestry tree species from Bangladesh. Environmental Challenges, 2021, 5, 100256.	4.2	3
8	Growth, water use, and water use efficiency of <i>Eucalyptus globulus</i> and <i>Pinus radiata</i> plantations compared with natural stands of Roble-Hualo forest in the coastal mountains of central Chile. Forest Ecology and Management, 2021, 501, 119676.	3.2	15
9	Interclonal variation, coordination, and trade-offs between hydraulic conductance and gas exchange in <i>Pinus radiata</i> : consequences on plant growth and wood density. Journal of Experimental Botany, 2021, 72, 2419-2433.	4.8	3
10	Genotype-by-environment interaction in coast redwood outside natural distribution - search for environmental cues. BMC Genetics, 2020, 21, 15.	2.7	7
11	Forest Flows-Real Time Monitoring of Water Quantity and Quality Spatio-Temporal Dynamics in Planted Forests. , 2020, , .		0
12	Xylogenesis of <i>Pinus radiata</i> D. Don growing in New Zealand. Annals of Forest Science, 2019, 76, 1.	2.0	9
13	Modelling the Effect of Microsite Influences on the Growth and Survival of Juvenile <i>Eucalyptus globoidea</i> (Blakely) and <i>Eucalyptus bosistoana</i> (F. Muell) in New Zealand. Forests, 2019, 10, 857.	2.1	5
14	Field-scale variability in site conditions explain phenotypic plasticity in response to nitrogen source in <i>Pinus radiata</i> D. Don. Plant and Soil, 2019, 443, 353-368.	3.7	9
15	Aquaporin regulation in roots controls plant hydraulic conductance, stomatal conductance, and leaf water potential in <i>Pinus radiata</i> under water stress. Plant, Cell and Environment, 2019, 42, 717-729.	5.7	51
16	Genotypic variation in <i>Pinus radiata</i> responses to nitrogen source are related to changes in the root microbiome. FEMS Microbiology Ecology, 2018, 94, .	2.7	6
17	Host Genotype and Nitrogen Form Shape the Root Microbiome of <i>Pinus radiata</i> . Microbial Ecology, 2018, 75, 419-433.	2.8	58
18	Plantation species-specific adjustment functions for the Forest Carbon Predictor in New Zealand. New Zealand Journal of Forestry Science, 2018, 48, .	0.8	2

#	ARTICLE	IF	CITATIONS
19	A Comparative Study of Three Non-Geostatistical Methods for Optimising Digital Elevation Model Interpolation. ISPRS International Journal of Geo-Information, 2018, 7, 300.	2.9	39
20	Fluorescence imaging of cambial zones to study wood formation in Pinus radiata D. Don.. Trees - Structure and Function, 2017, 31, 479-490.	1.9	22
21	Two New Zealand-based common garden experiments of the range-wide "Kuser"™ clonal collection of Sequoia sempervirens reveal patterns of provenance variation in growth and wood properties. New Forests, 2016, 47, 635-651.	1.7	9
22	Evaluating the deployment of alternative species in planted conifer forests as a means of adaptation to climate change" case studies in New Zealand and Scotland. Annals of Forest Science, 2014, 71, 239-253.	2.0	31
23	Sawn timber grade recovery from a planted coast redwood stand growing in New Zealand. New Zealand Journal of Forestry Science, 2013, 43, 8.	0.8	7
24	Effects of fertilisation on phosphorus pools in the volcanic soil of a managed tropical forest. Forest Ecology and Management, 2009, 258, 2199-2206.	3.2	32
25	Nutrient Sorption Dynamics of Resin Membranes and Resin Bags in a Tropical Forest. Soil Science Society of America Journal, 2008, 72, 1806-1814.	2.2	21
26	Indicators of forest ecosystem productivity and nutrient status across precipitation and temperature gradients in Hawaii. Journal of Tropical Ecology, 2007, 23, 693-704.	1.1	19
27	Growth response of Acacia koa trees to thinning, grass control, and phosphorus fertilization in a secondary forest in Hawaii". Forest Ecology and Management, 2007, 239, 69-80.	3.2	27
28	Nitrogen and phosphorus dynamics for 13-year-old loblolly pine stands receiving complete competition control and annual N fertilizer. Forest Ecology and Management, 2006, 227, 155-168.	3.2	55
29	Annual fertilization and interspecific competition control: effects on in situ forest floor nitrogen fluxes of different-aged Pinus taeda stands in southeast Georgia, USA. Canadian Journal of Forest Research, 2004, 34, 1802-1818.	1.7	10