Alejandro Martinez-Meier

List of Publications by Year
in descending order

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22 papers	453 citations	840776 11 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	657 citing authors

#	Article	IF	Citations
1	Potencial dendroenergÃ©tico de dos clones de Eucalyptus sp. en Corrientes, Argentina. Madera Bosques, 2022, 28, e2812268.	0.2	0
2	Phenotypic plasticity of European larch radial growth and wood density along aâ€1,000 m elevational gradient. Plant-Environment Interactions, 2021, 2, 45-60.	1.5	5
3	Climate warming differently affects Larix decidua ring formation at each end of a French Alps elevational gradient. Annals of Forest Science, 2020, 77, 1.	2.0	16
4	Assessment of resistance to xylem cavitation in cordilleran cypress using near-infrared spectroscopy. Forest Ecology and Management, 2020, 462, 117943.	3.2	3
5	New insights into wood anatomy and function relationships: How Eucalyptus challenges what we already know. Forest Ecology and Management, 2019, 454, 117638.	3.2	20
6	STAND DENSITY MANAGEMENT DIAGRAMS OF Eucalyptus viminalis: PREDICTING STEM VOLUME, BIOMASS AND CANOPY COVER FOR DIFFERENT PRODUCTION PURPOSES. Cerne, 2019, 25, 463-472.	0.9	1
7	Functional relationships between wood structure and vulnerability to xylem cavitation in races of Eucalyptus globulus differing in wood density. Tree Physiology, 2018, 38, 243-251.	3.1	29
8	Wood density and anatomy of three Eucalyptus species: implications for hydraulic conductivity. Forest Systems, 2017, 26, e010.	0.3	13
9	First insights into the functional role of vasicentric tracheids and parenchyma in eucalyptus species with solitary vessels: do they contribute to xylem efficiency or safety?. Tree Physiology, 2016, 36, 1485-1497.	3.1	28
10	Seed dormancy responses to temperature relate to Nothofagus species distribution and determine temporal patterns of germination across altitudes in Patagonia. New Phytologist, 2016, 209, 507-520.	7.3	45
11	Ecophysiological basis of wood formation in ponderosa pine: Linking water flux patterns with wood microdensity variables. Forest Ecology and Management, 2015, 346, 31-40.	3.2	7
12	Dissecting the Space-Time Structure of Tree-Ring Datasets Using the Partial Triadic Analysis. PLoS ONE, 2014, 9, e108332.	2.5	5
13	Robles in Lagunas de Epulauquen, Argentina: previous and recent evidence of their distinctive character. Revista Chilena De Historia Natural, 2014, 87, .	1.2	6
14	Wood density proxies of adaptive traits linked with resistance to drought in Douglas fir (Pseudotsuga menziesii (Mirb.) Franco). Trees - Structure and Function, 2014, 28, 1289-1304.	1.9	32
15	Heritable variation in the survival of seedlings from Patagonian cypress marginal xeric populations coping with drought and extreme cold. Tree Genetics and Genomes, 2012, 8, 801-810.	1.6	10
16	Analyse rÃ©trospective de l'adaptation Ã la sÃ©cheresse chez le douglas. Schweizerische Zeitschrift Fur Forstwesen, 2012, 163, 88-95.	0.1	2
17	Genetic variation of xylem hydraulic properties shows that wood density is involved in adaptation to drought in Douglas-fir (Pseudotsuga menziesii (Mirb.)). Annals of Forest Science, 2011, 68, 747-757.	2.0	48
18	Phenotypic variation of basic wood density in Pinus ponderosa plus trees. Bosque, 2011, 32, 221-226.	0.3	5

#	Article	IF	Citations
19	Variation of wood density and hydraulic properties of Douglas-fir (Pseudotsuga menziesii (Mirb.)) Tj ETQq1 1 0.784314 rgBT /Overloc 257, 182-189.	3.2	53
20	Ring density record of phenotypic plasticity and adaptation to drought in Douglas-fir. Forest Ecology and Management, 2009, 258, 860-867.	3.2	14
21	What is hot in tree rings? The wood density of surviving Douglas-firs to the 2003 drought and heat wave. Forest Ecology and Management, 2008, 256, 837-843.	3.2	81
22	Dynamics of cavitation in a Douglas-fir tree-ring: transition-wood, the lord of the ring?. The Journal of Plant Hydraulics, 0, 1, e005.	1.0	30