Nicolas Marron

List of Publications by Year
in descending order

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29	1,148	430874 18	454955 30
papers	citations	h-index	g-index

30	30	30	1386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bud set in poplar â€“ genetic dissection of a complex trait in natural and hybrid populations. New Phytologist, 2011, 189, 106-121.	7.3	125
2	Productivity, leaf traits and carbon isotope discrimination in 29 Populus deltoidesÂÃ—ÂP. nigra clones. New Phytologist, 2005, 167, 53-62.	7.3	113
3	Dynamics of biomass production in a poplar coppice culture over three rotations (11 years). Forest Ecology and Management, 2008, 255, 1883-1891.	3.2	86
4	Genetic Variation of Stomatal Traits and Carbon Isotope Discrimination in Two Hybrid Poplar Families (Populus deltoides â€˜S9-2â€™ Ã— P. nigra â€˜Ghoyâ€™ and P. deltoides â€˜S9-2â€™ Ã— P. trichocarpa â€˜V24â€™). Annals of Botany, 2008, 102, 399-407.	3.6	76
5	QTL for yield in bioenergy Populus: identifying GÃ—E interactions from growth at three contrasting sites. Tree Genetics and Genomes, 2007, 4, 97-112.	1.6	71
6	Evaluation of leaf traits for indirect selection of high yielding poplar hybrids. Environmental and Experimental Botany, 2007, 61, 103-116.	4.2	58
7	Seasonal and daily time course of the 13C composition in soil CO2 efflux recorded with a tunable diode laser spectrophotometer (TDLS). Plant and Soil, 2009, 318, 137-151.	3.7	57
8	Winter-dormant shoot apical meristem in poplar trees shows environmental epigenetic memory. Journal of Experimental Botany, 2018, 69, 4821-4837.	4.8	52
9	Genetic variation of leaf traits related to productivity in a Populus deltoides Ã— Populus nigra family. Canadian Journal of Forest Research, 2006, 36, 390-400.	1.7	51
10	Are mixed-tree plantations including a nitrogen-fixing species more productive than monocultures?. Forest Ecology and Management, 2019, 441, 242-252.	3.2	51
11	Effects of environment and progeny on biomass estimations of five hybrid poplar families grown at three contrasting sites across Europe. Forest Ecology and Management, 2007, 252, 12-23.	3.2	49
12	Plasticity of growth and sylleptic branchiness in two poplar families grown at three sites across Europe. Tree Physiology, 2006, 26, 935-946.	3.1	41
13	Agronomic and environmental effects of land application of residues in short-rotation tree plantations: A literature review. Biomass and Bioenergy, 2015, 81, 378-400.	5.7	39
14	Planting density affects growth and water-use efficiency depending on site in Populus deltoidesÃ—P. nigra. Forest Ecology and Management, 2013, 304, 345-354.	3.2	37
15	Variability in Populus leaf anatomy and morphology in relation to canopy position, biomass production, and varietal taxon. Annals of Forest Science, 2007, 64, 521-532.	2.0	35
16	Genomic regions involved in productivity of two interspecific poplar families in Europe. 1. Stem height, circumference and volume. Tree Genetics and Genomes, 2009, 5, 147-164.	1.6	35
17	Variability and plasticity of productivity, water-use efficiency, and nitrogen exportation rate in Salix short rotation coppice. Biomass and Bioenergy, 2013, 56, 392-404.	5.7	24
18	Early effects of temperate agroforestry practices on soil organic matter and microbial enzyme activity. Plant and Soil, 2020, 453, 189-207.	3.7	21

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19	Is the ranking of poplar genotypes for leaf carbon isotope discrimination stable across sites and years in two different full-sib families?. Annals of Forest Science, 2011, 68, 1265.	2.0	20
20	Prevalence of interspecific competition in a mixed poplar/black locust plantation under adverse climate conditions. Annals of Forest Science, 2018, 75, 1.	2.0	14
21	Plasticity of growth and biomass production of an intraspecific Populus alba family grown at three sites across Europe during three growing seasons. Canadian Journal of Forest Research, 2010, 40, 1887-1903.	1.7	13
22	Estimating symbiotic N₂ fixation in Robinia pseudoacacia. Journal of Plant Nutrition and Soil Science, 2018, 181, 296-304.	1.9	13
23	Impact of drought and leaf development stage on enzymatic antioxidant system of twoPopulus deltoidesÃ—nigraclones. Annals of Forest Science, 2006, 63, 323-327.	2.0	13
24	Genomic regions involved in productivity of two interspecific poplar families in Europe. 2. Biomass production and its relationships with tree architecture and phenology. Tree Genetics and Genomes, 2010, 6, 533-554.	1.6	12
25	Sampling and interpolation strategies derived from the analysis of continuous soil CO2 flux. Journal of Plant Nutrition and Soil Science, 2018, 181, 12-20.	1.9	12
26	Plasticity of yield and nitrogen removal in 56 Populus deltoidesÃ—P. nigra genotypes over two rotations of short-rotation coppice. Forest Ecology and Management, 2016, 375, 55-65.	3.2	11
27	Growth dynamics of fast-growing tree species in mixed forestry and agroforestry plantations. Forest Ecology and Management, 2021, 480, 118672.	3.2	11
28	Early effects of two planting densities on growth dynamics and water-use efficiency in Robinia pseudoacacia (L.) and Populus deltoides (Bartr. ex Marsh.) Ã— P. nigra (L.) short rotation plantations. Annals of Forest Science, 2021, 78, 1.	2.0	4
29	Augmenter le niveau de production de biomasse des cultures ligneuses dÃ©diÃ©es ou semi-dÃ©diÃ©es. Principaux enseignements du projet SYLVABIOM. Revue Forestiere Francaise, 2015, , 249.	0.2	3