

Marc Villar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2017293/publications.pdf>

Version: 2024-02-01

22
papers

1,852
citations

623574

14
h-index

713332

21
g-index

22
all docs

22
docs citations

22
times ranked

3546
citing authors

#	ARTICLE	IF	CITATIONS
1	The GenTree Dendroecological Collection, tree-ring and wood density data from seven tree species across Europe. <i>Scientific Data</i> , 2020, 7, 1.	2.4	830
2	Impact of drought on productivity and water use efficiency in 29 genotypes of <i>Populus deltoides</i> × <i>Populus nigra</i> . <i>New Phytologist</i> , 2006, 169, 765-777.	3.5	379
3	Productivity, leaf traits and carbon isotope discrimination in 29 <i>Populus deltoides</i> × <i>Populus nigra</i> clones. <i>New Phytologist</i> , 2005, 167, 53-62.	3.5	113
4	Diversity of leaf traits related to productivity in 31 <i>Populus deltoides</i> × <i>Populus nigra</i> clones. <i>Tree Physiology</i> , 2005, 25, 425-435.	1.4	87
5	Natural hybridization between cultivated poplars and their wild relatives: evidence and consequences for native poplar populations. <i>Annals of Forest Science</i> , 2005, 62, 601-613.	0.8	74
6	Variation in the ability to form ectomycorrhizas in the F1 progeny of an interspecific poplar (<i>Populus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	51
7	Integrating genome annotation and QTL position to identify candidate genes for productivity, architecture and water-use efficiency in <i>Populus</i> spp. <i>BMC Plant Biology</i> , 2012, 12, 173.	1.6	48
8	Fluvial islands: First stage of development from nonmigrating (forced) bars and woody-vegetation interactions. <i>Geomorphology</i> , 2015, 246, 305-320.	1.1	41
9	Variations in bulk leaf carbon isotope discrimination, growth and related leaf traits among three <i>Populus nigra</i> L. populations. <i>Tree Physiology</i> , 2011, 31, 1076-1087.	1.4	37
10	SSR-based analysis of clonality, spatial genetic structure and introgression from the Lombardy poplar into a natural population of <i>Populus nigra</i> L. along the Loire River. <i>Tree Genetics and Genomes</i> , 2011, 7, 1249-1262.	0.6	35
11	Dynamics of nonmigrating mid-channel bar and superimposed dunes in a sandy-gravelly river (Loire) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.1	33
12	Genetic variation in productivity, leaf traits and carbon isotope discrimination in hybrid poplars cultivated on contrasting sites. <i>Annals of Forest Science</i> , 2008, 65, 503-503.	0.8	28
13	Is the ranking of poplar genotypes for leaf carbon isotope discrimination stable across sites and years in two different full-sib families?. <i>Annals of Forest Science</i> , 2011, 68, 1265.	0.8	20
14	With a little help from my friends: hybrid fertility of exotic <i>Populus</i> × <i>canadensis</i> enhanced by related native <i>Populus nigra</i> . <i>Biological Invasions</i> , 2012, 14, 1683-1696.	1.2	17
15	Narrow-sense heritability and PST estimates of DNA methylation in three <i>Populus nigra</i> L. populations under contrasting water availability. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	0.6	15
16	Soil seed banks in the floodplain of a large river: A test of hypotheses on seed bank composition in relation to flooding and established vegetation. <i>Journal of Vegetation Science</i> , 2019, 30, 732-745.	1.1	11
17	The GenTree Leaf Collection: Inter- and intraspecific leaf variation in seven forest tree species in Europe. <i>Global Ecology and Biogeography</i> , 2021, 30, 590-597.	2.7	11
18	Natural hybridization and potential seed set of sympatric <i>Populus nigra</i> and <i>Populus</i> × <i>canadensis</i> along the river IJzer in Flanders (Belgium). <i>Plant Ecology and Evolution</i> , 2012, 145, 341-349.	0.3	9

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19	Can vegetation clearing operations and reprofiling of bars be considered as an ecological restoration measure? Lessons from a 10-year vegetation monitoring program (Loire River, France). <i>Restoration Ecology</i> , 2023, 31, .	1.4	4
20	The GenTree Platform: growth traits and tree-level environmental data in 12 European forest tree species. <i>GigaScience</i> , 2021, 10, .	3.3	3
21	Survie des semis de ligneux pionniers dans les lits fluviaux: approche in et ex situ des facteurs de contr�le abiotiques et biologiques des esp�ces <i>Populus nigra</i> et <i>Salix alba</i> . <i>Geomorphologie Relief, Processus, Environnement</i> , 2017, 23, 233-252.	0.7	3
22	Variability in seeds' physicochemical characteristics, germination and seedling growth within and between two French <i>Populus nigra</i> L. populations. , 0, 2, .		3