Jose Alberto Ramirez-Valiente

List of Publications by Year
in descending order

31 papers	1,927 citations	430442 18 h-index	395343 33 g-index
33 all docs	33 docs citations	33 times ranked	3748 citing authors

#	Article	IF	Citations
1	The GenTree Dendroecological Collection, tree-ring and wood density data from seven tree species across Europe. Scientific Data, 2020, 7, 1.	2.4	830
2	Phenotypic plasticity and local adaptation in leaf ecophysiological traits of 13 contrasting cork oak populations under different water availabilities. Tree Physiology, 2010, 30, 618-627.	1.4	160
3	Population differences in juvenile survival under increasing drought are mediated by seed size in cork oak (Quercus suber L.). Forest Ecology and Management, 2009, 257, 1676-1683.	1.4	109
4	Elucidating the role of genetic drift and natural selection in cork oak differentiation regarding drought tolerance. Molecular Ecology, 2009, 18, 3803-3815.	2.0	83
5	The role of temporal shrub encroachment for the maintenance of Spanish holm oak Quercus ilex dehesas. Forest Ecology and Management, 2008, 255, 1976-1983.	1.4	78
6	Evolutionary trade-offs between drought resistance mechanisms across a precipitation gradient in a seasonally dry tropical oak (Quercus oleoides). Tree Physiology, 2017, 37, 889-901.	1.4	60
7	Factors affecting cork oak growth under dry conditions: local adaptation and contrasting additive genetic variance within populations. Tree Genetics and Genomes, 2011, 7, 285-295.	0.6	57
8	Climatic origins predict variation in photoprotective leaf pigments in response to drought and low temperatures in live oaks (Quercus series Virentes). Tree Physiology, 2015, 35, 521-534.	1.4	54
9	A review and metaâ€analysis of intraspecific differences in phenotypic plasticity: Implications to forecast plant responses to climate change. Global Ecology and Biogeography, 2019, 28, 1682-1694.	2.7	48
10	Correlated evolution of morphology, gas exchange, growth rates and hydraulics as a response to precipitation and temperature regimes in oaks (Quercus). New Phytologist, 2020, 227, 794-809.	3.5	45
11	Natural selection and neutral evolutionary processes contribute to genetic divergence in leaf traits across a precipitation gradient in the tropical oak Quercus oleoides. Molecular Ecology, 2018, 27, 2176-2192.	2.0	43
12	Population variation and natural selection on leaf traits in cork oak throughout its distribution range. Acta Oecologica, 2014, 58, 49-56.	0.5	39
13	Population-Level Differentiation in Growth Rates and Leaf Traits in Seedlings of the Neotropical Live Oak Quercus oleoides Grown under Natural and Manipulated Precipitation Regimes. Frontiers in Plant Science, 2017, 8, 585.	1.7	37
14	Multiâ€trait genetic variation in resourceâ€use strategies and phenotypic plasticity correlates with local climate across the range of a Mediterranean oak (Quercus faginea). New Phytologist, 2022, 234, 462-478.	3.5	29
15	Adaptation of Mediterranean forest species to climate: Lessons from common garden experiments. Journal of Ecology, 2022, 110, 1022-1042.	1.9	27
16	Physiological Evidence from Common Garden Experiments for Local Adaptation and Adaptive Plasticity to Climate in American Live Oaks (Quercus Section Virentes): Implications for Conservation Under Global Change. Tree Physiology, 2017, , 107-135.	0.9	26
17	Exploring the impact of neutral evolution on intrapopulation genetic differentiation in functional traits in a long-lived plant. Tree Genetics and Genomes, 2014, 10, 1181-1190.	0.6	24
18	Understanding the importance of intrapopulation functional variability and phenotypic plasticity in Quercus suber. Tree Genetics and Genomes, 2015, 11, 1.	0.6	24

#	Article	IF	Citations
19	Seedlings from marginal and core populations of European beech (Fagus sylvatica L.) respond differently to imposed drought and shade. Trees - Structure and Function, 2021, 35, 53-67.	0.9	19
20	Selection patterns on earlyâ€life phenotypic traits in Pinus sylvestris are associated with precipitation and temperature along a climatic gradient in Europe. New Phytologist, 2021, 229, 3009-3025.	3.5	16
21	Natural selection on cork oak: allele frequency reveals divergent selection in cork oak populations along a temperature cline. Evolutionary Ecology, 2010, 24, 1031-1044.	0.5	14
22	Exotic gene flow affects fitness trait values but not levels of heritable trait variation in the southernmost population of Scots pine (Pinus sylvestris L. var. nevadensis). Biological Conservation, 2015, 192, 331-342.	1.9	14
23	Evolutionary potential varies across populations and traits in the neotropical oak Quercus oleoides. Tree Physiology, 2019, 39, 427-439.	1.4	14
24	Phenotypic plasticity and water availability: responses of alpine herb species along an elevation gradient. Climate Change Responses, 2017, 4, .	2.6	13
25	Geographical variation in growth form traits in Quercus suber and its relation to population evolutionary history. Evolutionary Ecology, 2014, 28, 55-68.	0.5	11
26	The GenTree Leaf Collection: Interâ€•and intraspecific leaf variation in seven forest tree species in Europe. Global Ecology and Biogeography, 2021, 30, 590-597.	2.7	11
27	Adaptive consequences of human-mediated introgression for indigenous tree species: the case of a relict Pinus pinaster population. Tree Physiology, 2014, 34, 1376-1387.	1.4	10
28	Increased root investment can explain the higher survival of seedlings of â€˜mesicâ€™ Quercus suber than â€˜xericâ€™ Quercus ilex in sandy soils during a summer drought. Tree Physiology, 2019, 39, 64-75.	1.4	8
29	Genetic variation in early fitness traits across European populations of silver birch (Betula pendula). AoB PLANTS, 2020, 12, plaa019.	1.2	8
30	Adaptive responses to temperature and precipitation variation at the earlyâ€life stages of Pinus sylvestris. New Phytologist, 2021, 232, 1632-1647.	3.5	8
31	The GenTree Platform: growth traits and tree-level environmental data in 12 European forest tree species. GigaScience, 2021, 10, .	3.3	3