

Unai Lopez de Heredia

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

729
citations

13
h-index

26
g-index

36
ext. papers

844
ext. citations

3.3
avg, IF

3.69
L-index

#	Paper	IF	Citations
34	Leaf morphological differentiation between <i>Quercus robur</i> and <i>Quercus petraea</i> is stable across western European mixed oak stands. <i>Annals of Forest Science</i> , 2002 , 59, 777-787	3.1	129
33	Historical and recent changes in the Spanish forests: A socio-economic process. <i>Review of Palaeobotany and Palynology</i> , 2010 , 162, 492-506	1.7	116
32	Molecular and palaeoecological evidence for multiple glacial refugia for evergreen oaks on the Iberian Peninsula. <i>Journal of Biogeography</i> , 2007 , 34, 1505-1517	4.1	68
31	Vulnerability to cavitation, hydraulic efficiency, growth and survival in an insular pine (<i>Pinus canariensis</i>). <i>Annals of Botany</i> , 2013 , 111, 1167-79	4.1	58
30	High variability of chloroplast DNA in three Mediterranean evergreen oaks indicates complex evolutionary history. <i>Heredity</i> , 2004 , 93, 510-5	3.6	57
29	Effect of canopy closure on pollen dispersal in a wind-pollinated species (<i>Fagus sylvatica</i> L.). <i>Plant Ecology</i> , 2012 , 213, 1715-1728	1.7	31
28	Multi-marker phylogeny of three evergreen oaks reveals vicariant patterns in the Western Mediterranean. <i>Taxon</i> , 2007 , 56, 1209-1220	0.8	28
27	The Balearic Islands: a reservoir of cpDNA genetic variation for evergreen oaks. <i>Journal of Biogeography</i> , 2005 , 32, 939-949	4.1	28
26	RNA-seq analysis in forest tree species: bioinformatic problems and solutions. <i>Tree Genetics and Genomes</i> , 2016 , 12, 1	2.1	20
25	ddradseqtools: a software package for in silico simulation and testing of double-digest RADseq experiments. <i>Molecular Ecology Resources</i> , 2017 , 17, 230-246	8.4	19
24	The Atlantic-Mediterranean watershed, river basins and glacial history shape the genetic structure of Iberian poplars. <i>Molecular Ecology</i> , 2012 , 21, 3593-609	5.7	19
23	Small-scale variation of vegetation in a mixed forest understorey is partly controlled by the effect of overstorey composition on litter accumulation. <i>Journal of Forest Research</i> , 2011 , 16, 473-483	1.4	18
22	Assessment of spatial discordance of primary and effective seed dispersal of European beech (<i>Fagus sylvatica</i> L.) by ecological and genetic methods. <i>Molecular Ecology</i> , 2013 , 22, 1531-45	5.7	15
21	Relevance of genetics for conservation policies: the case of Minorcan cork oaks. <i>Annals of Botany</i> , 2009 , 104, 1069-76	4.1	13
20	High biogeographical and evolutionary value of Canary Island pine populations out of the elevational pine belt: the case of a relict coastal population. <i>Journal of Biogeography</i> , 2010 , 37, 2371-2383	4.1	12
19	Variation components in leaf morphology of recruits of two hybridising oaks [<i>Q. petraea</i> (Matt.) Liebl. and <i>Q. pyrenaica</i> Willd.] at small spatial scale. <i>European Journal of Forest Research</i> , 2009 , 128, 543-554	2.7	12
18	Signatures of volcanism and aridity in the evolution of an insular pine (<i>Pinus canariensis</i> Chr. Sm. Ex DC in Buch). <i>Heredity</i> , 2014 , 113, 240-9	3.6	11

17	Spatiotemporal variation of a Pinus seed rain available for an endemic finch in an insular environment. <i>European Journal of Wildlife Research</i> , 2011 , 57, 337-347	2	9
16	Transcriptomic analysis of juvenile wood formation during the growing season in Pinus canariensis. <i>Holzforschung</i> , 2017 , 71, 919-937	2	8
15	Habitat characteristics and seed crops used by Blue Chaffinches Fringilla teydea in winter: implications for conservation management. <i>Bird Study</i> , 2009 , 56, 168-176	0.7	8
14	A Comparison of Isozyme and Morphological Markers to Assess the Within Population Variation in Small Populations of European aspen (Populus tremula L.) in Spain. <i>Silvae Genetica</i> , 2004 , 53, 227-233	1.1	8
13	NGScloud: RNA-seq analysis of non-model species using cloud computing. <i>Bioinformatics</i> , 2018 , 34, 3405-3407	5	5
12	A topoclimate model for Quaternary insular speciation. <i>Journal of Biogeography</i> , 2019 , 46, 2769-2786	4.1	4
11	SimHyb: a simulation software for the study of the evolution of hybridizing populations. Application to Quercus ilex and Q. suber suggests hybridization could be underestimated. <i>IForest</i> , 2018 , 11, 99-103	1.3	4
10	Molecular evidence of bidirectional introgression between Quercus suber and Quercus ilex. <i>IForest</i> , 2018 , 11, 338-343	1.3	4
9	Leaf morphology of progenies in Q. suber, Q. ilex, and their hybrids using multivariate and geometric morphometric analysis. <i>IForest</i> , 2018 , 11, 90-98	1.3	4
8	TOA: A software package for automated functional annotation in non-model plant species. <i>Molecular Ecology Resources</i> , 2021 , 21, 621-636	8.4	4
7	RADdesigner: a workflow to select the optimal sequencing methodology in genotyping experiments on woody plant species. <i>Tree Genetics and Genomes</i> , 2019 , 15, 1	2.1	3
6	High seed dispersal ability of Pinus canariensis in stands of contrasting density inferred from genotypic data. <i>Forest Systems</i> , 2015 , 24, 015	0.9	3
5	ddRAD Sequencing-Based Identification of Genomic Boundaries and Permeability in and Hybrids. <i>Frontiers in Plant Science</i> , 2020 , 11, 564414	6.2	3
4	The Role of Hybridization on the Adaptive Potential of Mediterranean Sclerophyllous Oaks: The Case of the Quercus ilex x Q. suber Complex. <i>Tree Physiology</i> , 2017 , 239-260		2
3	Las técnicas de secuenciación masiva en el estudio de la diversidad biológica 2016 , 64,		2
2	Hardware Performance Evaluation of De novo Transcriptome Assembly Software in Amazon Elastic Compute Cloud. <i>Current Bioinformatics</i> , 2020 , 15, 420-430	4.7	2
1	NGScloud2: optimized bioinformatic analysis using Amazon Web Services. <i>PeerJ</i> , 2021 , 9, e11237	3.1	2