

# Unai Lopez de Heredia

## List of Publications by Year in Descending Order

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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	NGScloud2: optimized bioinformatic analysis using Amazon Web Services. <i>PeerJ</i> , <b>2021</b> , 9, e11237	3.1	2
33	TOA: A software package for automated functional annotation in non-model plant species. <i>Molecular Ecology Resources</i> , <b>2021</b> , 21, 621-636	8.4	4
32	Hardware Performance Evaluation of De novo Transcriptome Assembly Software in Amazon Elastic Compute Cloud. <i>Current Bioinformatics</i> , <b>2020</b> , 15, 420-430	4.7	2
31	ddRAD Sequencing-Based Identification of Genomic Boundaries and Permeability in and Hybrids. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 564414	6.2	3
30	RADdesigner: a workflow to select the optimal sequencing methodology in genotyping experiments on woody plant species. <i>Tree Genetics and Genomes</i> , <b>2019</b> , 15, 1	2.1	3
29	A topoclimate model for Quaternary insular speciation. <i>Journal of Biogeography</i> , <b>2019</b> , 46, 2769-2786	4.1	4
28	NGScloud: RNA-seq analysis of non-model species using cloud computing. <i>Bioinformatics</i> , <b>2018</b> , 34, 3405-3407	7.4	5
27	SimHyb: a simulation software for the study of the evolution of hybridizing populations. Application to <i>Quercus ilex</i> and <i>Q. suber</i> suggests hybridization could be underestimated. <i>IForest</i> , <b>2018</b> , 11, 99-103	1.3	4
26	Molecular evidence of bidirectional introgression between <i>Quercus suber</i> and <i>Quercus ilex</i> . <i>IForest</i> , <b>2018</b> , 11, 338-343	1.3	4
25	Leaf morphology of progenies in <i>Q. suber</i> , <i>Q. ilex</i> , and their hybrids using multivariate and geometric morphometric analysis. <i>IForest</i> , <b>2018</b> , 11, 90-98	1.3	4
24	ddradseqtools: a software package for in silico simulation and testing of double-digest RADseq experiments. <i>Molecular Ecology Resources</i> , <b>2017</b> , 17, 230-246	8.4	19
23	Transcriptomic analysis of juvenile wood formation during the growing season in <i>Pinus canariensis</i> . <i>Holzforschung</i> , <b>2017</b> , 71, 919-937	2	8
22	The Role of Hybridization on the Adaptive Potential of Mediterranean Sclerophyllous Oaks: The Case of the <i>Quercus ilex</i> x <i>Q. suber</i> Complex. <i>Tree Physiology</i> , <b>2017</b> , 239-260		2
21	Las técnicas de secuenciación masiva en el estudio de la diversidad biológica <b>2016</b> , 64,		2
20	RNA-seq analysis in forest tree species: bioinformatic problems and solutions. <i>Tree Genetics and Genomes</i> , <b>2016</b> , 12, 1	2.1	20
19	High seed dispersal ability of <i>Pinus canariensis</i> in stands of contrasting density inferred from genotypic data. <i>Forest Systems</i> , <b>2015</b> , 24, 015	0.9	3
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> , <b>2014</b> , 113, 240-9	3.6	11

17	Vulnerability to cavitation, hydraulic efficiency, growth and survival in an insular pine ( <i>Pinus canariensis</i> ). <i>Annals of Botany</i> , <b>2013</b> , 111, 1167-79	4.1	58
16	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> , <b>2013</b> , 22, 1531-45	5.7	15
15	The Atlantic-Mediterranean watershed, river basins and glacial history shape the genetic structure of Iberian poplars. <i>Molecular Ecology</i> , <b>2012</b> , 21, 3593-609	5.7	19
14	Effect of canopy closure on pollen dispersal in a wind-pollinated species ( <i>Fagus sylvatica</i> L.). <i>Plant Ecology</i> , <b>2012</b> , 213, 1715-1728	1.7	31
13	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> , <b>2011</b> , 16, 473-483	1.4	18
12	Spatiotemporal variation of a <i>Pinus</i> seed rain available for an endemic finch in an insular environment. <i>European Journal of Wildlife Research</i> , <b>2011</b> , 57, 337-347	2	9
11	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> , <b>2010</b> , 37, 2371-2383	4.1	12
10	Historical and recent changes in the Spanish forests: A socio-economic process. <i>Review of Palaeobotany and Palynology</i> , <b>2010</b> , 162, 492-506	1.7	116
9	Relevance of genetics for conservation policies: the case of Minorcan cork oaks. <i>Annals of Botany</i> , <b>2009</b> , 104, 1069-76	4.1	13
8	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> , <b>2009</b> , 128, 543-554	2.7	12
7	Habitat characteristics and seed crops used by Blue Chaffinches <i>Fringilla teydea</i> in winter: implications for conservation management. <i>Bird Study</i> , <b>2009</b> , 56, 168-176	0.7	8
6	Molecular and palaeoecological evidence for multiple glacial refugia for evergreen oaks on the Iberian Peninsula. <i>Journal of Biogeography</i> , <b>2007</b> , 34, 1505-1517	4.1	68
5	Multi-marker phylogeny of three evergreen oaks reveals vicariant patterns in the Western Mediterranean. <i>Taxon</i> , <b>2007</b> , 56, 1209-1220	0.8	28
4	The Balearic Islands: a reservoir of cpDNA genetic variation for evergreen oaks. <i>Journal of Biogeography</i> , <b>2005</b> , 32, 939-949	4.1	28
3	High variability of chloroplast DNA in three Mediterranean evergreen oaks indicates complex evolutionary history. <i>Heredity</i> , <b>2004</b> , 93, 510-5	3.6	57
2	A Comparison of Isozyme and Morphological Markers to Assess the Within Population Variation in Small Populations of European aspen ( <i>Populus tremula</i> L.) in Spain. <i>Silvae Genetica</i> , <b>2004</b> , 53, 227-233	1.1	8
1	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> , <b>2002</b> , 59, 777-787	3.1	129