

# Juan Viruel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9575165/publications.pdf>

Version: 2024-02-01

46  
papers

923  
citations

471061

17  
h-index

552369

26  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Late Cretaceous–Early Eocene origin of yams ( <i>Dioscorea</i> , Dioscoreaceae) in the Laurasian Palaeartic and their subsequent Oligocene–Miocene diversification. <i>Journal of Biogeography</i> , 2016, 43, 750-762.	1.4	93
2	Strategies for reducing per-sample costs in target capture sequencing for phylogenomics and population genomics in plants. <i>Applications in Plant Sciences</i> , 2020, 8, e11337.	0.8	63
3	A Target Capture-Based Method to Estimate Ploidy From Herbarium Specimens. <i>Frontiers in Plant Science</i> , 2019, 10, 937.	1.7	53
4	A customized nuclear target enrichment approach for developing a phylogenomic baseline for <i>Dioscorea</i> yams (Dioscoreaceae). <i>Applications in Plant Sciences</i> , 2019, 7, e11254.	0.8	49
5	Toward Unifying Global Hotspots of Wild and Domesticated Biodiversity. <i>Plants</i> , 2020, 9, 1128.	1.6	47
6	Genome wide association analysis of cold tolerance at germination in temperate japonica rice ( <i>Oryza</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	1.1	39
7	A nuclear Xdh phylogenetic analysis of yams (Dioscorea: Dioscoreaceae) congruent with plastid trees reveals a new Neotropical lineage. <i>Botanical Journal of the Linnean Society</i> , 2018, 187, 232-246.	0.8	38
8	Genetic Diversity and Population Structure of Rice Varieties Cultivated in Temperate Regions. <i>Rice</i> , 2016, 9, 58.	1.7	32
9	Systematic Revision of the Epipetrum Group of <i>Dioscorea</i> (Dioscoreaceae) Endemic to Chile. <i>Systematic Botany</i> , 2010, 35, 40-63.	0.2	28
10	A strong east–west Mediterranean divergence supports a new phylogeographic history of the carob tree ( <i>Ceratonia siliqua</i> , Leguminosae) and multiple domestications from native populations. <i>Journal of Biogeography</i> , 2020, 47, 460-471.	1.4	27
11	Diversification into novel habitats in the Africa clade of <i>Dioscorea</i> (Dioscoreaceae): erect habit and elephant’s foot tubers. <i>BMC Evolutionary Biology</i> , 2016, 16, 238.	3.2	26
12	The allopolyploid origin of <i>Narcissus obsoletus</i> (Alliaceae): identification of parental genomes by karyotype characterization and genomic <i>in situ</i> hybridization. <i>Botanical Journal of the Linnean Society</i> , 2009, 159, 477-498.	0.8	25
13	Uncertain pollination environment promotes the evolution of a stable mixed reproductive system in the self-incompatible <i>Hypochaeris salzmanniana</i> (Asteraceae). <i>Annals of Botany</i> , 2017, 120, 447-456.	1.4	25
14	Characterization of sequence variability hotspots in Cranichideae plastomes (Orchidaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	1.1	25
15	Taxon-specific or universal? Using target capture to study the evolutionary history of rapid radiations. <i>Molecular Ecology Resources</i> , 2022, 22, 927-945.	2.2	24
16	Phylogenetics, classification and typification of extant horsetails ( <i>Equisetum</i> , Equisetaceae). <i>Botanical Journal of the Linnean Society</i> , 2019, 189, 311-352.	0.8	23
17	Crop wild phylorelatives (CWPs): phylogenetic distance, cytogenetic compatibility and breeding system data enable estimation of crop wild relative gene pool classification. <i>Botanical Journal of the Linnean Society</i> , 2021, 195, 1-33.	0.8	23
18	Assessment of plant species diversity associated with the carob tree ( <i>Ceratonia siliqua</i> , Fabaceae) at the Mediterranean scale. <i>Plant Ecology and Evolution</i> , 2018, 151, 185-193.	0.3	22

#	ARTICLE	IF	CITATIONS
19	Phenolic Compounds Content and Genetic Diversity at Population Level across the Natural Distribution Range of Bearberry ( <i>Arctostaphylos uva-ursi</i> , Ericaceae) in the Iberian Peninsula. <i>Plants</i> , 2020, 9, 1250.	1.6	22
20	Evolutionary history and systematics of <i>Campylocentrum</i> (Orchidaceae: Vandeeae: Angraecinae): a phylogenetic and biogeographical approach. <i>Botanical Journal of the Linnean Society</i> , 2018, 186, 158-178.	0.8	20
21	Disrupted phylogeographical microsatellite and chloroplast DNA patterns indicate a vicariance rather than long-distance dispersal origin for the disjunct distribution of the Chilean endemic <i>Dioscorea biloba</i> (Dioscoreaceae) around the Atacama Desert. <i>Journal of Biogeography</i> , 2012, 39, 1073-1085.	1.4	16
22	The diploid nature of the Chilean <i>Epipetrum</i> and a new base number in the Dioscoreaceae. <i>New Zealand Journal of Botany</i> , 2008, 46, 327-339.	0.8	15
23	Morphometric and molecular variation in concert: taxonomy and genetics of the reticulate Pyrenean and Iberian alpine spiny fescues ( <i>Festuca eskia</i> complex, Poaceae). <i>Botanical Journal of the Linnean Society</i> , 2013, 173, 676-706.	0.8	15
24	Advances in genotyping microsatellite markers through sequencing and consequences of scoring methods for <i>Ceratonia siliqua</i> (Leguminosae). <i>Applications in Plant Sciences</i> , 2018, 6, e01201.	0.8	14
25	Current knowledge, status, and future for plant and fungal diversity in Great Britain and the UK Overseas Territories. <i>Plants People Planet</i> , 2020, 2, 557-579.	1.6	13
26	The present and future for population genetics, species boundaries, biogeography and conservation. <i>Botanical Journal of the Linnean Society</i> , 2019, 191, 299-304.	0.8	12
27	Computer-assisted sperm morphometry fluorescence-based analysis has potential to determine progeny sex. <i>Asian Journal of Andrology</i> , 2016, 18, 858.	0.8	12
28	Editorial: Phylogenomic Approaches to Deal With Particularly Challenging Plant Lineages. <i>Frontiers in Plant Science</i> , 2020, 11, 591762.	1.7	10
29	Museomics Unveil the Phylogeny and Biogeography of the Neglected Juan Fernandez Archipelago <i>Megalachne</i> and <i>Podophorus</i> Endemic Grasses and Their Connection With Relict Pampean-Ventanian Fescues. <i>Frontiers in Plant Science</i> , 2020, 11, 819.	1.7	10
30	Latitudinal Environmental Niches and Riverine Barriers Shaped the Phylogeography of the Central Chilean Endemic <i>Dioscorea humilis</i> (Dioscoreaceae). <i>PLoS ONE</i> , 2014, 9, e110029.	1.1	9
31	Biogeography and genome size evolution of the oldest extant vascular plant genus, <i>Equisetum</i> (Equisetaceae). <i>Annals of Botany</i> , 2021, 127, 681-695.	1.4	9
32	Microsatellites and petal morphology reveal new patterns of admixture in <i>Orchis</i> hybrid zones. <i>American Journal of Botany</i> , 2021, 108, 1388-1404.	0.8	9
33	Microsatellite marker development in the crop wild relative <i>Linum bienne</i> using genome skimming. <i>Applications in Plant Sciences</i> , 2020, 8, e11349.	0.8	8
34	Molecular evidence of species- and subspecies-level distinctions in the rare <i>Orchis patens</i> s.l. and implications for conservation. <i>Biodiversity and Conservation</i> , 2021, 30, 1293-1314.	1.2	8
35	Genome-wide footprints in the carob tree ( <i>Ceratonia siliqua</i> ) unveil a new domestication pattern of a fruit tree in the Mediterranean. <i>Molecular Ecology</i> , 2022, 31, 4095-4111.	2.0	8
36	New microsatellite loci in the dwarf yams <i>Dioscorea</i> group <i>Epipetrum</i> (Dioscoreaceae). <i>American Journal of Botany</i> , 2010, 97, e121-3.	0.8	7

#	ARTICLE	IF	CITATIONS
37	Patterns of transmission and horizontal gene transfer in the <i>Dioscorea sansibarensis</i> leaf symbiosis revealed by whole-genome sequencing. <i>Current Biology</i> , 2021, 31, 2666-2673.e4.	1.8	6
38	Karyological analysis of the five native Macaronesian <i>Festuca</i> (Gramineae) grasses supports a distinct diploid origin of two schizoendemic groups. <i>Anales Del Jardin Botanico De Madrid</i> , 2009, 66, 55-63.	0.2	6
39	Genome Insights into Autopolyploid Evolution: A Case Study in <i>Senecio doricum</i> (Asteraceae) from the Southern Alps. <i>Plants</i> , 2022, 11, 1235.	1.6	6
40	An Indomalaysian origin in the Miocene for the diphyletic New World jewel orchids (Goodyerinae.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Neotropical genera. <i>Botanical Journal of the Linnean Society</i> , 2021, 197, 322-349.	0.8	5
41	The role of Quaternary glaciations in shaping biogeographic patterns in a recently evolved clade of South American epiphytic orchids. <i>Botanical Journal of the Linnean Society</i> , 2022, 199, 252-266.	0.8	5
42	Nuclearâ€‘plastid discordance indicates past introgression in <i>Epidendrum</i> species (Laeliinae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2022, 199, 357-371.	0.8	5
43	Molecular approaches reveal speciation between red- and blue-flowered plants in the Mediterranean <i>Lysimachia arvensis</i> and <i>L. monelli</i> (Primulaceae). <i>Botanical Journal of the Linnean Society</i> , 2022, 199, 557-577.	0.8	4
44	Characterization of nuclear microsatellite markers for <i>Rumex bucephalophorus</i> (Polygonaceae) using 454 sequencing. <i>Applications in Plant Sciences</i> , 2015, 3, 1500088.	0.8	3
45	A customised target capture sequencing tool for molecular identification of <i>Aloe vera</i> and relatives. <i>Scientific Reports</i> , 2021, 11, 24347.	1.6	3
46	(1901) Proposal to reject the name <i>Luzuriaga cordata</i> ( <i>Dioscoreaceae</i> ). <i>Taxon</i> , 2009, 58, 1007-1007.	0.4	0