Oriane Hidalgo

List of Publications by Year
in descending order

74 papers	2,096 citations	279487 23 h-index	276539 41 g-index
76 all docs	76 docs citations	76 times ranked	2425 citing authors

#	Article	IF	Citations
1	Genome Size Diversity and Its Impact on the Evolution of Land Plants. Genes, 2018, 9, 88.	1.0	244
2	Genome evolution of ferns: evidence for relative stasis of genome size across the fern phylogeny. New Phytologist, 2016, 210, 1072-1082.	3.5	116
3	THE CARDUEAE (COMPOSITAE) REVISITED: INSIGHTS FROM ITS,trnL-trnF, ANDmatK NUCLEAR AND CHLOROPLAST DNA ANALYSIS^{1,}². Annals of the Missouri Botanical Garden, 2006, 93, 150-171.	1.3	111
4	Is There an Upper Limit to Genome Size?. Trends in Plant Science, 2017, 22, 567-573.	4.3	86
5	Evolution of the YABBY gene family with emphasis on the basal eudicot Eschscholzia californica (Papaveraceae). Plant Biology, 2012, 14, 11-23.	1.8	83
6	Biology, Genome Evolution, Biotechnological Issues and Research Including Applied Perspectives in Artemisia (Asteraceae). Advances in Botanical Research, 2011, 60, 349-419.	0.5	75
7	Small genomes dominate in plants growing on serpentine soils in West Balkans, an exhaustive study of 8 habitats covering 308 taxa. Plant and Soil, 2013, 373, 427-453.	1.8	73
8	Genome size in Echinops L. and related genera (Asteraceae, Cardueae): karyological, ecological and phylogenetic implications. Biology of the Cell, 2004, 96, 117-124.	0.7	65
9	Phylogeny of Rhaponticum (Asteraceae, Cardueaeâ€“Centaureinae) and Related Genera Inferred from Nuclear and Chloroplast DNA Sequence Data: Taxonomic and Biogeographic Implications. Annals of Botany, 2006, 97, 705-714.	1.4	61
10	A Target Capture-Based Method to Estimate Ploidy From Herbarium Specimens. Frontiers in Plant Science, 2019, 10, 937.	1.7	53
11	Genome biogeography reveals the intraspecific spread of adaptive mutations for a complex trait. Molecular Ecology, 2016, 25, 6107-6123.	2.0	51
12	Extensive ribosomal DNA (18S-5.8S-26S and 5S) colocalization in the North American endemic sagebrushes (subgenus Tridentatae, Artemisia, Asteraceae) revealed by FISH. Plant Systematics and Evolution, 2007, 267, 79-92.	0.3	50
13	Phylogeny of Valerianaceae based on matK and ITS markers, with reference to matK individual polymorphism. Annals of Botany, 2004, 93, 283-293.	1.4	49
14	Recent updates and developments to plant genome size databases. Nucleic Acids Research, 2014, 42, D1159-D1166.	6.5	47
15	Genome size variation at constant chromosome number is not correlated with repetitive DNA dynamism in Anacyclus (Asteraceae). Annals of Botany, 2020, 125, 611-623.	1.4	44
16	GSAD: A genome size in the Asteraceae database. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 401-404.	1.1	43
17	Chromosome counts in Asian Artemisia L. (Asteraceae) species: from diploids to the first report of the highest polyploid in the genus. Botanical Journal of the Linnean Society, 2007, 153, 301-310.	0.8	41
18	Genome size variation and evolution in the family Asteraceae. Caryologia, 2013, 66, 221-235.	0.2	39

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19	Polyploidy in the Conifer Genus Juniperus: An Unexpectedly High Rate. Frontiers in Plant Science, 2019, 10, 676.	1.7	33
20	Automated video monitoring of insect pollinators in the field. Emerging Topics in Life Sciences, 2020, 4, 87-97.	1.1	33
21	Molecular systematics of Echinops L. (Asteraceae, Cynareae): A phylogeny based on ITS and trnL-trnF sequences with emphasis on sectional delimitation. Taxon, 2010, 59, 698-708.	0.4	28
22	New data on genome size in 128 Asteraceae species and subspecies, with first assessments for 40 genera, 3 tribes and 2 subfamilies. Plant Biosystems, 2013, 147, 1219-1227.	0.8	28
23	Molecular Phylogeny and Genome Size in European Lilies (Genus <I>Lilium</I>, Liliaceae). Advanced Science Letters, 2010, 3, 180-189.	0.2	27
24	Virus-induced gene silencing (VIGS) in Cysticapnos vesicaria, a zygomorphic-flowered Papaveraceae (Ranunculales, basal eudicots). Annals of Botany, 2012, 109, 911-920.	1.4	25
25	Are the genomes of royal ferns really frozen in time? Evidence for coinciding genome stability and limited evolvability in the royal ferns. New Phytologist, 2015, 207, 10-13.	3.5	25
26	Genomic gigantism in the whisk-fern family (Psilotaceae): Tmesipteris obliqua challenges record holder Paris japonica. Botanical Journal of the Linnean Society, 2017, 183, 509-514.	0.8	24
27	Genome size dynamics in tribe Gilliesieae (Amaryllidaceae, subfamily Allioideae) in the context of polyploidy and unusual incidence of Robertsonian translocations. Botanical Journal of the Linnean Society, 2017, 184, 16-31.	0.8	24
28	Evolutionary implications of heterochromatin and rDNA in chromosome number and genome size changes during dysploidy: A case study in Reichardia genus. PLoS ONE, 2017, 12, e0182318.	1.1	23
29	Assessing duplication and loss of APETALA1/FRUITFULL homologs in Ranunculales. Frontiers in Plant Science, 2013, 4, 358.	1.7	22
30	Evolutionary diversification of CYC/TB1â€like TCP homologs andÂtheir recruitment for the control of branching and floral morphology in Papaveraceae (basal eudicots). New Phytologist, 2018, 220, 317-331.	3.5	22
31	Extreme environmental conditions and phylogenetic inheritance: systematics of Myopordon and Oligochaeta (Asteraceae, Cardueaeâ€Centaureinae). Taxon, 2008, 57, 769-778.	0.4	21
32	Polyploidy in gymnosperms â€“ Insights into the genomic and evolutionary consequences of polyploidy in Ephedra. Molecular Phylogenetics and Evolution, 2020, 147, 106786.	1.2	20
33	Genome size and ploidy levels in highly fragmented habitats: the case of western Mediterranean Juniperus (Cupressaceae) with special emphasis on J. thurifera L.. Tree Genetics and Genomes, 2013, 9, 587-599.	0.6	19
34	Lineageâ€specific vs. universal: A comparison of the Compositae1061 and Angiosperms353 enrichment panels in the sunflower family. Applications in Plant Sciences, 2021, 9, .	0.8	19
35	Palynological study of Ajania and related genera (Asteraceae, Anthemideae). Botanical Journal of the Linnean Society, 2009, 161, 171-189.	0.8	18
36	Contrasted histories of organelle and nuclear genomes underlying physiological diversification in a grass species. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201960.	1.2	18

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37	Genome Size Study in the Valerianaceae: First Results and New Hypotheses. Journal of Botany, 2010, 2010, 1-19.	1.2	17
38	Karyological evolution in Rhaponticum Vaill. (Asteraceae, Cardueae) and related genera. Botanical Journal of the Linnean Society, 2007, 153, 193-201.	0.8	16
39	Life cycle versus systematic placement: phylogenetic and cytogenetic studies in annual Artemisia (Asteraceae, Anthemideae). Turkish Journal of Botany, 2014, 38, 1112-1122.	0.5	16
40	Polyploidy does not control all: Lineageâ€specific average chromosome length constrains genome size evolution in ferns. Journal of Systematics and Evolution, 2019, 57, 418-430.	1.6	16
41	Swarm of terminal 35S in Cheirolophus (Asteraceae, Centaureinae). Genome, 2012, 55, 529-535.	0.9	15
42	Satellite DNA in Paphiopedilum subgenus Parvisepalum as revealed by high-throughput sequencing and fluorescent in situ hybridization. BMC Genomics, 2018, 19, 578.	1.2	15
43	Genome size and chromosome number in Echinops (Asteraceae, Cardueae) in the Aegean and Balkan regions: technical aspects of nuclear DNA amount assessment and genome evolution in a phylogenetic frame. Plant Systematics and Evolution, 2012, 298, 1085-1099.	0.3	14
44	Unlocking the Karyological and Cytogenetic Diversity of Iris from Lebanon: Oncocyclus Section Shows a Distinctive Profile and Relative Stasis during Its Continental Radiation. PLoS ONE, 2016, 11, e0160816.	1.1	14
45	Key Processes for Cheirolophus (Asteraceae) Diversification on Oceanic Islands Inferred from AFLP Data. PLoS ONE, 2014, 9, e113207.	1.1	13
46	Genome size in aquatic and wetland plants: fitting with the large genome constraint hypothesis with a few relevant exceptions. Plant Systematics and Evolution, 2015, 301, 1927-1936.	0.3	13
47	Cryptic species in an ancient floweringâ€plant lineage (Hydatellaceae, Nymphaeales) revealed by molecular and micromorphological data. Taxon, 2019, 68, 1-19.	0.4	13
48	From acaveate to caveate: evolution of pollen types in theRhaponticumgroup (Asteraceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 499-510.	0.8	12
49	Cytogenetic insights into an oceanic island radiation: The dramatic evolution of preâ€existing traits in Cheirolophus (Asteraceae: Cardueae: Centaureinae). Taxon, 2017, 66, 146-157.	0.4	12
50	Low dispersal and ploidy differences in a grass maintain photosynthetic diversity despite gene flow and habitat overlap. Molecular Ecology, 2021, 30, 2116-2130.	2.0	12
51	Chromosome Numbers in Three Asteraceae Tribes from Inner Mongolia (China), with Genome Size Data for Cardueae. Folia Geobotanica, 2009, 44, 307-322.	0.4	11
52	Do polyploids require proportionally less rDNA loci than their corresponding diploids? Examples from Artemisia subgenera Absinthium and Artemisia (Asteraceae, Anthemideae). Plant Biosystems, 2010, 144, 841-848.	0.8	11
53	Silencing ofEcFLO, AFLORICAULA/LEAFYGene of the California Poppy (Eschscholzia) Tj ETQq1 1 0.784314 rgBT /Ove of Plant Sciences, 2013, 174, 139-153.	0.6	11
54	The correlation of phylogenetics, elevation and ploidy on the incidence of apomixis in Asteraceae in the European Alps. Botanical Journal of the Linnean Society, 2020, 194, 410-422.	0.8	11

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55	Polyploidy and other changes at chromosomal level and in genome size: Its role in systematics and evolution exemplified by some genera of Anthemideae and Cardueae (Asteraceae). Taxon, 2012, 61, 841-851.	0.4	10
56	First record of a natural hexaploid population for Valeriana officinalis: genome size is confirmed to be a suitable indicator of ploidy level in the species. Caryologia, 2012, 65, 243-245.	0.2	9
57	Biogeography and genome size evolution of the oldest extant vascular plant genus,Equisetum(Equisetaceae). Annals of Botany, 2021, 127, 681-695.	1.4	9
58	Physical mapping of ribosomal DNA and genome size in diploid and polyploid North African Calligonum species (Polygonaceae). Plant Systematics and Evolution, 2015, 301, 1569-1579.	0.3	7
59	Salix transect of Europe: variation in ploidy and genome size in willow-associated common nettle, Urtica dioica L. sens. lat., from Greece to arctic Norway. Biodiversity Data Journal, 2016, 4, e10003.	0.4	7
60	First genome size estimations for some eudicot families and genera. Collectanea Botanica, 2010, 29, 7-16.	0.2	7
61	Genome Insights into Autopolyploid Evolution: A Case Study in Senecio doronicum (Asteraceae) from the Southern Alps. Plants, 2022, 11, 1235.	1.6	6
62	Karyological and genome size insights into cardoon (Cynara cardunculusL., Asteraceae) in Tunisia. Caryologia, 2014, 67, 57-62.	0.2	5
63	Genome size variation in gymnosperms under different growth conditions. Caryologia, 2015, 68, 92-96.	0.2	5
64	Digests: Salamandersâ€™ slow slither into genomic gigantism*. Evolution; International Journal of Organic Evolution, 2016, 70, 2915-2916.	1.1	5
65	Polyploidy in Cupressaceae: Discovery of a new naturally occurring tetraploid, Xanthocyparis vietnamensis. Journal of Systematics and Evolution, 0, , .	1.6	5
66	Detecting Introgressed Populations in the Iberian Endemic Centaurea podospermifolia through Genome Size. Plants, 2021, 10, 1492.	1.6	4
67	Molecular cytogenetic characterization of some representatives of the subgenera <i>Artemisia</i> and <i>Absinthium</i> (genus <i>Artemisia</i>,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	4
68	Cheirolophus intybaceus (Asteraceae, Centaureinae) o la constÃncia del valor 2C. Collectanea Botanica, 2009, 28, 7â€“17.	0.2	3
69	Morphological and Genome-Wide Evidence of Homoploid Hybridisation in Urospermum (Asteraceae). Plants, 2022, 11, 182.	1.6	3
70	Echinops spinosissimusTurra subsp.neumayeri(Vis.) KoÅ¾uharov (Asteraceae, Cardueae): a new record for the flora of Greece. Adansonia, 2012, 34, 129-132.	0.1	2
71	Genome Size Evolution and Dynamics in Iris, with Special Focus on the Section Oncocyclus. Plants, 2020, 9, 1687.	1.6	2
72	Ophrys fuscaandOphrys dyris(Orchidaceae) â€“ constancy of tetraploidy amongst populations in Central Portugal. New Journal of Botany, 2017, 7, 94-100.	0.2	1

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73	Primeras medidas del tamaÃ±o del genoma en Carduncellusy los gÃ©neros afines Femeniasia y Phonus (Asteraceae, Cardueae), con datos para 21 tÃ¡xones. Collectanea Botanica, 0, 40, e004.	0.2	0
74	Urospermum Ã—siljakii (Asteraceae), a new natural homoploid hybrid between U. dalechampii and U. picroides. Phytotaxa, 2022, 544, 220-222.	0.1	0