

Oriane Hidalgo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3136529/publications.pdf>

Version: 2024-02-01

74
papers

2,096
citations

279798

23
h-index

276875

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. <i>Genes</i> , 2018, 9, 88.	2.4	244
2	Genome evolution of ferns: evidence for relative stasis of genome size across the fern phylogeny. <i>New Phytologist</i> , 2016, 210, 1072-1082.	7.3	116
3	THE CARDUEAE (COMPOSITAE) REVISITED: INSIGHTS FROM ITS, <i>trnL-trnF</i> , AND <i>matK</i> NUCLEAR AND CHLOROPLAST DNA ANALYSIS ^{1,2} . <i>Annals of the Missouri Botanical Garden</i> , 2006, 93, 150-171.	1.3	111
4	Is There an Upper Limit to Genome Size?. <i>Trends in Plant Science</i> , 2017, 22, 567-573.	8.8	86
5	Evolution of the <i>YABBY</i> gene family with emphasis on the basal eudicot <i>Eschscholzia californica</i> (Papaveraceae). <i>Plant Biology</i> , 2012, 14, 11-23.	3.8	83
6	Biology, Genome Evolution, Biotechnological Issues and Research Including Applied Perspectives in <i>Artemisia</i> (Asteraceae). <i>Advances in Botanical Research</i> , 2011, 60, 349-419.	1.1	75
7	Small genomes dominate in plants growing on serpentine soils in West Balkans, an exhaustive study of 8 habitats covering 308 taxa. <i>Plant and Soil</i> , 2013, 373, 427-453.	3.7	73
8	Genome size in <i>Echinops</i> L. and related genera (Asteraceae, Cardueae): karyological, ecological and phylogenetic implications. <i>Biology of the Cell</i> , 2004, 96, 117-124.	2.0	65
9	Phylogeny of <i>Rhaponticum</i> (Asteraceae, Cardueae “Centaureinae) and Related Genera Inferred from Nuclear and Chloroplast DNA Sequence Data: Taxonomic and Biogeographic Implications. <i>Annals of Botany</i> , 2006, 97, 705-714.	2.9	61
10	A Target Capture-Based Method to Estimate Ploidy From Herbarium Specimens. <i>Frontiers in Plant Science</i> , 2019, 10, 937.	3.6	53
11	Genome biogeography reveals the intraspecific spread of adaptive mutations for a complex trait. <i>Molecular Ecology</i> , 2016, 25, 6107-6123.	3.9	51
12	Extensive ribosomal DNA (18S-5.8S-26S and 5S) colocalization in the North American endemic sagebrushes (subgenus <i>Tridentatae</i> , <i>Artemisia</i> , Asteraceae) revealed by FISH. <i>Plant Systematics and Evolution</i> , 2007, 267, 79-92.	0.9	50
13	Phylogeny of Valerianaceae based on <i>matK</i> and ITS markers, with reference to <i>matK</i> individual polymorphism. <i>Annals of Botany</i> , 2004, 93, 283-293.	2.9	49
14	Recent updates and developments to plant genome size databases. <i>Nucleic Acids Research</i> , 2014, 42, D1159-D1166.	14.5	47
15	Genome size variation at constant chromosome number is not correlated with repetitive DNA dynamism in <i>Anacyclus</i> (Asteraceae). <i>Annals of Botany</i> , 2020, 125, 611-623.	2.9	44
16	GSAD: A genome size in the Asteraceae database. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 401-404.	1.5	43
17	Chromosome counts in Asian <i>Artemisia</i> L. (Asteraceae) species: from diploids to the first report of the highest polyploid in the genus. <i>Botanical Journal of the Linnean Society</i> , 2007, 153, 301-310.	1.6	41
18	Genome size variation and evolution in the family Asteraceae. <i>Caryologia</i> , 2013, 66, 221-235.	0.3	39

#	ARTICLE	IF	CITATIONS
19	Polyploidy in the Conifer Genus <i>Juniperus</i> : An Unexpectedly High Rate. <i>Frontiers in Plant Science</i> , 2019, 10, 676.	3.6	33
20	Automated video monitoring of insect pollinators in the field. <i>Emerging Topics in Life Sciences</i> , 2020, 4, 87-97.	2.6	33
21	Molecular systematics of <i>Echinops</i> L. (Asteraceae, Cynareae): A phylogeny based on ITS and <i>trnL-trnF</i> sequences with emphasis on sectional delimitation. <i>Taxon</i> , 2010, 59, 698-708.	0.7	28
22	New data on genome size in 128 Asteraceae species and subspecies, with first assessments for 40 genera, 3 tribes and 2 subfamilies. <i>Plant Biosystems</i> , 2013, 147, 1219-1227.	1.6	28
23	Molecular Phylogeny and Genome Size in European Lilies (Genus <i>Lilium</i> , Liliaceae). <i>Advanced Science Letters</i> , 2010, 3, 180-189.	0.2	27
24	Virus-induced gene silencing (VIGS) in <i>Cysticapnos vesicaria</i> , a zygomorphic-flowered Papaveraceae (Ranunculales, basal eudicots). <i>Annals of Botany</i> , 2012, 109, 911-920.	2.9	25
25	Are the genomes of royal ferns really frozen in time? Evidence for coinciding genome stability and limited evolvability in the royal ferns. <i>New Phytologist</i> , 2015, 207, 10-13.	7.3	25
26	Genomic gigantism in the whisk-fern family (Psilotaceae): <i>Tmesipteris obliqua</i> challenges record holder <i>Paris japonica</i> . <i>Botanical Journal of the Linnean Society</i> , 2017, 183, 509-514.	1.6	24
27	Genome size dynamics in tribe Gilliesieae (Amaryllidaceae, subfamily Allioideae) in the context of polyploidy and unusual incidence of Robertsonian translocations. <i>Botanical Journal of the Linnean Society</i> , 2017, 184, 16-31.	1.6	24
28	Evolutionary implications of heterochromatin and rDNA in chromosome number and genome size changes during dysploidy: A case study in <i>Reichardia</i> genus. <i>PLoS ONE</i> , 2017, 12, e0182318.	2.5	23
29	Assessing duplication and loss of APETALA1/FRUITFULL homologs in Ranunculales. <i>Frontiers in Plant Science</i> , 2013, 4, 358.	3.6	22
30	Evolutionary diversification of <i>CYC/TB1</i> -like TCP homologs and their recruitment for the control of branching and floral morphology in Papaveraceae (basal eudicots). <i>New Phytologist</i> , 2018, 220, 317-331.	7.3	22
31	Extreme environmental conditions and phylogenetic inheritance: systematics of <i>Myopordon</i> and <i>Oligochaeta</i> (Asteraceae, Cardueae-Centaureinae). <i>Taxon</i> , 2008, 57, 769-778.	0.7	21
32	Polyploidy in gymnosperms – Insights into the genomic and evolutionary consequences of polyploidy in <i>Ephedra</i> . <i>Molecular Phylogenetics and Evolution</i> , 2020, 147, 106786.	2.7	20
33	Genome size and ploidy levels in highly fragmented habitats: the case of western Mediterranean <i>Juniperus</i> (Cupressaceae) with special emphasis on <i>J. thurifera</i> L.. <i>Tree Genetics and Genomes</i> , 2013, 9, 587-599.	1.6	19
34	Lineage-specific vs. universal: A comparison of the Compositae1061 and Angiosperms353 enrichment panels in the sunflower family. <i>Applications in Plant Sciences</i> , 2021, 9, .	2.1	19
35	Palynological study of <i>Ajania</i> and related genera (Asteraceae, Anthemideae). <i>Botanical Journal of the Linnean Society</i> , 2009, 161, 171-189.	1.6	18
36	Contrasted histories of organelle and nuclear genomes underlying physiological diversification in a grass species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201960.	2.6	18

#	ARTICLE	IF	CITATIONS
37	Genome Size Study in the Valerianaceae: First Results and New Hypotheses. <i>Journal of Botany</i> , 2010, 2010, 1-19.	1.2	17
38	Karyological evolution in <i>Rhaponticum</i> Vaill. (Asteraceae, Cardueae) and related genera. <i>Botanical Journal of the Linnean Society</i> , 2007, 153, 193-201.	1.6	16
39	Life cycle versus systematic placement: phylogenetic and cytogenetic studies in annual <i>Artemisia</i> (Asteraceae, Anthemideae). <i>Turkish Journal of Botany</i> , 2014, 38, 1112-1122.	1.2	16
40	Polyploidy does not control all: Lineage-specific average chromosome length constrains genome size evolution in ferns. <i>Journal of Systematics and Evolution</i> , 2019, 57, 418-430.	3.1	16
41	Swarm of terminal 35S in <i>Cheirolophus</i> (Asteraceae, Centaureinae). <i>Genome</i> , 2012, 55, 529-535.	2.0	15
42	Satellite DNA in <i>Paphiopedilum</i> subgenus <i>Parvisepalum</i> as revealed by high-throughput sequencing and fluorescent in situ hybridization. <i>BMC Genomics</i> , 2018, 19, 578.	2.8	15
43	Genome size and chromosome number in <i>Echinops</i> (Asteraceae, Cardueae) in the Aegean and Balkan regions: technical aspects of nuclear DNA amount assessment and genome evolution in a phylogenetic frame. <i>Plant Systematics and Evolution</i> , 2012, 298, 1085-1099.	0.9	14
44	Unlocking the Karyological and Cytogenetic Diversity of Iris from Lebanon: <i>Oncocyclus</i> Section Shows a Distinctive Profile and Relative Stasis during Its Continental Radiation. <i>PLoS ONE</i> , 2016, 11, e0160816.	2.5	14
45	Key Processes for <i>Cheirolophus</i> (Asteraceae) Diversification on Oceanic Islands Inferred from AFLP Data. <i>PLoS ONE</i> , 2014, 9, e113207.	2.5	13
46	Genome size in aquatic and wetland plants: fitting with the large genome constraint hypothesis with a few relevant exceptions. <i>Plant Systematics and Evolution</i> , 2015, 301, 1927-1936.	0.9	13
47	Cryptic species in an ancient flowering plant lineage (Hydatellaceae, Nymphaeales) revealed by molecular and micromorphological data. <i>Taxon</i> , 2019, 68, 1-19.	0.7	13
48	From acaveate to caveate: evolution of pollen types in the <i>Rhaponticum</i> group (Asteraceae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> 499-510.	1.6	12
49	Cytogenetic insights into an oceanic island radiation: The dramatic evolution of pre-existing traits in <i>Cheirolophus</i> (Asteraceae: Cardueae: Centaureinae). <i>Taxon</i> , 2017, 66, 146-157.	0.7	12
50	Low dispersal and ploidy differences in a grass maintain photosynthetic diversity despite gene flow and habitat overlap. <i>Molecular Ecology</i> , 2021, 30, 2116-2130.	3.9	12
51	Chromosome Numbers in Three Asteraceae Tribes from Inner Mongolia (China), with Genome Size Data for Cardueae. <i>Folia Geobotanica</i> , 2009, 44, 307-322.	0.9	11
52	Do polyploids require proportionally less rDNA loci than their corresponding diploids? Examples from <i>Artemisia</i> subgenera <i>Absinthium</i> and <i>Artemisia</i> (Asteraceae, Anthemideae). <i>Plant Biosystems</i> , 2010, 144, 841-848.	1.6	11
53	Silencing of <i>EcfLO</i> , A <i>FLORICAULA/LEAFY</i> Gene of the California Poppy (<i>Eschscholzia</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i> of <i>Plant Sciences</i> , 2013, 174, 139-153.	1.3	11
54	The correlation of phylogenetics, elevation and ploidy on the incidence of apomixis in Asteraceae in the European Alps. <i>Botanical Journal of the Linnean Society</i> , 2020, 194, 410-422.	1.6	11

#	ARTICLE	IF	CITATIONS
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). <i>Taxon</i> , 2012, 61, 841-851.	0.7	10
56	First record of a natural hexaploid population for <i>Valeriana officinalis</i> : genome size is confirmed to be a suitable indicator of ploidy level in the species. <i>Caryologia</i> , 2012, 65, 243-245.	0.3	9
57	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.	2.9	9
58	Physical mapping of ribosomal DNA and genome size in diploid and polyploid North African <i>Calligonum</i> species (Polygonaceae). <i>Plant Systematics and Evolution</i> , 2015, 301, 1569-1579.	0.9	7
59	<i>Salix</i> transect of Europe: variation in ploidy and genome size in willow-associated common nettle, <i>Urtica dioica</i> L. sens. lat., from Greece to arctic Norway. <i>Biodiversity Data Journal</i> , 2016, 4, e10003.	0.8	7
60	First genome size estimations for some eudicot families and genera. <i>Collectanea Botanica</i> , 2010, 29, 7-16.	0.2	7
61	Genome Insights into Autopolyploid Evolution: A Case Study in <i>Senecio doronicum</i> (Asteraceae) from the Southern Alps. <i>Plants</i> , 2022, 11, 1235.	3.5	6
62	Karyological and genome size insights into cardoon (<i>Cynara cardunculus</i> L., Asteraceae) in Tunisia. <i>Caryologia</i> , 2014, 67, 57-62.	0.3	5
63	Genome size variation in gymnosperms under different growth conditions. <i>Caryologia</i> , 2015, 68, 92-96.	0.3	5
64	Digests: Salamandersâ€™ slow slither into genomic gigantism*. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2915-2916.	2.3	5
65	Polyploidy in Cupressaceae: Discovery of a new naturally occurring tetraploid, <i>Xanthocyparis vietnamensis</i> . <i>Journal of Systematics and Evolution</i> , 0, , .	3.1	5
66	Detecting Introgressed Populations in the Iberian Endemic <i>Centaurea podospermifolia</i> through Genome Size. <i>Plants</i> , 2021, 10, 1492.	3.5	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 0.784614 rgBT /Overloc		
68	<i>Cheirilophus intybaceus</i> (Asteraceae, Centaureinae) o la constÃncia del valor 2C. <i>Collectanea Botanica</i> , 2009, 28, 7â€™17.	0.2	3
69	Morphological and Genome-Wide Evidence of Homoploid Hybridisation in <i>Urospermum</i> (Asteraceae). <i>Plants</i> , 2022, 11, 182.	3.5	3
70	<i>Echinops spinosissimus</i> Turra subsp. <i>neumayeri</i> (Vis.) KoÅ¾uharov (Asteraceae, Cardueae): a new record for the flora of Greece. <i>Adansonia</i> , 2012, 34, 129-132.	0.2	2
71	Genome Size Evolution and Dynamics in <i>Iris</i> , with Special Focus on the Section <i>Oncocyclus</i> . <i>Plants</i> , 2020, 9, 1687.	3.5	2
72	<i>Ophrys fusca</i> and <i>Ophrys dyris</i> (Orchidaceae) â€™ constancy of tetraploidy amongst populations in Central Portugal. <i>New Journal of Botany</i> , 2017, 7, 94-100.	0.1	1

#	ARTICLE	IF	CITATIONS
73	Primeras medidas del tamaño del genoma en <i>Carduncellus</i> y los géneros afines <i>Feminasia</i> y <i>Phonus</i> (Asteraceae, Cardueae), con datos para 21 taxones. <i>Collectanea Botanica</i> , 0, 40, e004.	0.2	0
74	<i>Urospermum siljakii</i> (Asteraceae), a new natural homoploid hybrid between <i>U. dalechampii</i> and <i>U. picroides</i> . <i>Phytotaxa</i> , 2022, 544, 220-222.	0.3	0