

Sonia Garcia

List of Publications by Year in descending order

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69
papers

2,360
citations

172457

29
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243625

44
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74
all docs

74
docs citations

74
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide analysis of long terminal repeat retrotransposons from the cranberry <i>Vaccinium macrocarpon</i> . <i>Journal of Berry Research</i> , 2022, 12, 165-185.	1.4	2
2	Can we have it all? Repurposing target capture for repeat genomics. A commentary on: "Aiming off the target: recycling target capture sequencing reads for investigating repetitive DNA". <i>Annals of Botany</i> , 2021, 128, iii-v.	2.9	0
3	Extraordinary diversity of telomeres, telomerase RNAs and their template regions in Saccharomycetaceae. <i>Scientific Reports</i> , 2021, 11, 12784.	3.3	14
4	Analyses of the Updated "Animal rDNA Loci Database" with an Emphasis on Its New Features. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11403.	4.1	11
5	Plastome Diversity and Phylogenomic Relationships in Asteraceae. <i>Plants</i> , 2021, 10, 2699.	3.5	13
6	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
7	Contribution to the knowledge of genome size evolution in edible blueberries (genus <i>Vaccinium</i>). <i>Journal of Berry Research</i> , 2020, 10, 243-257.	1.4	5
8	Pandemics and Traditional Plant-Based Remedies. A Historical-Botanical Review in the Era of COVID19. <i>Frontiers in Plant Science</i> , 2020, 11, 571042.	3.6	27
9	Sexchrom, a database on plant sex chromosomes. <i>New Phytologist</i> , 2020, 227, 1594-1604.	7.3	14
10	Origin, Diversity, and Evolution of Telomere Sequences in Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 117.	3.6	63
11	The Utility of Graph Clustering of 5S Ribosomal DNA Homoeologs in Plant Allopolyploids, Homoploid Hybrids, and Cryptic Introgressants. <i>Frontiers in Plant Science</i> , 2020, 11, 41.	3.6	28
12	Human-like telomeres in <i>Zostera marina</i> reveal a mode of transition from the plant to the human telomeric sequences. <i>Journal of Experimental Botany</i> , 2020, 71, 5786-5793.	4.8	16
13	Genome size constancy in Antarctic populations of <i>Colobanthus quitensis</i> and <i>Deschampsia antarctica</i> . <i>Polar Biology</i> , 2020, 43, 1407-1413.	1.2	4
14	Reconstructing phylogenetic relationships based on repeat sequence similarities. <i>Molecular Phylogenetics and Evolution</i> , 2020, 147, 106766.	2.7	35
15	Progress in the study of genome size evolution in Asteraceae: analysis of the last update. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	14
16	Contribution to the genome size knowledge of New World species from the Heliantheae alliance (Asteraceae). <i>Plant Biosystems</i> , 2019, 153, 559-568.	1.6	0
17	Remarkable variation of ribosomal DNA organization and copy number in gnetophytes, a distinct lineage of gymnosperms. <i>Annals of Botany</i> , 2019, 123, 767-781.	2.9	23
18	Evolutionary trends in animal ribosomal DNA loci: introduction to a new online database. <i>Chromosoma</i> , 2018, 127, 141-150.	2.2	115

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19	A genome size and phylogenetic survey of Mediterranean Tripleurospermum and Matricaria (Anthemideae, Asteraceae). PLoS ONE, 2018, 13, e0203762.	2.5	11
20	Cytogenetic features of <scp>rRNA</scp> genes across land plants: analysis of the Plant <scp>rDNA</scp> database. Plant Journal, 2017, 89, 1020-1030.	5.7	133
21	Third release of the plant rDNA database with updated content and information on telomere composition and sequenced plant genomes. Plant Systematics and Evolution, 2017, 303, 1115-1121.	0.9	26
22	Bâ€chrom: a database on Bâ€chromosomes of plants, animals and fungi. New Phytologist, 2017, 216, 635-642.	7.3	75
23	Higher-order organisation of extremely amplified, potentially functional and massively methylated 5S rDNA in European pikes (Esox sp.). BMC Genomics, 2017, 18, 391.	2.8	38
24	Impact of dysploidy and polyploidy on the diversification of high mountain Artemisia (Asteraceae) and allies. Alpine Botany, 2016, 126, 35-48.	2.4	19
25	Astonishing 35S rDNA diversity in the gymnosperm species Cycas revoluta Thunb. Chromosoma, 2016, 125, 683-699.	2.2	56
26	Genome size, chromosome number, and rDNA organisation in Algerian populations of Artemisia herba-alba (Asteraceae), a basic plant for animal feeding facing overgrazing erosion. Anales Del Jardin Botanico De Madrid, 2016, 73, 043.	0.4	2
27	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.	0.9	7
28	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.	0.9	13
29	The striking and unexpected cytogenetic diversity of genus Tanacetum L. (Asteraceae): a cytometric and fluorescent in situ hybridisation study of Iranian taxa. BMC Plant Biology, 2015, 15, 174.	3.6	19
30	Plant rDNA database: update and new features. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau063-bau063.	3.0	34
31	Recent updates and developments to plant genome size databases. Nucleic Acids Research, 2014, 42, D1159-D1166.	14.5	47
32	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.	1.6	28
33	Genome size variation and evolution in the family Asteraceae. Caryologia, 2013, 66, 221-235.	0.3	39
34	FISH mapping of 35S and 5S rRNA genes in <i>Artemisia</i> subgenus <i>Dracunculus</i> (Asteraceae): changes in number of loci during polyploid evolution and their systematic implications. Botanical Journal of the Linnean Society, 2013, 171, 655-666.	1.6	14
35	Dancing together and separate again: gymnosperms exhibit frequent changes of fundamental 5S and 35S rRNA gene (rDNA) organisation. Heredity, 2013, 111, 23-33.	2.6	53
36	Swarm of terminal 35S in <i>Cheirolophus</i> (Asteraceae, Centaureinae). Genome, 2012, 55, 529-535.	2.0	15

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37	Expression of 5 S rRNA genes linked to 35 S rDNA in plants, their epigenetic modification and regulatory element divergence. <i>BMC Plant Biology</i> , 2012, 12, 95.	3.6	45
38	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
39	Plant rDNA database: ribosomal DNA loci information goes online. <i>Chromosoma</i> , 2012, 121, 389-394.	2.2	102
40	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
41	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
42	Taxonomic and Nomenclatural Rearrangements in <i>Artemisia</i> Subgen. <i>Tridentatae</i> , Including a Redefinition of <i>Sphaeromeria</i> (Asteraceae, Anthemideae). <i>Western North American Naturalist</i> , 2011, 71, 158-163.	0.4	14
43	A molecular phylogenetic approach to western North America endemic <i>Artemisia</i> and allies (Asteraceae): Untangling the sagebrushes. <i>American Journal of Botany</i> , 2011, 98, 638-653.	1.7	48
44	Repeated reunions and splits feature the highly dynamic evolution of 5S and 35S ribosomal RNA genes (rDNA) in the Asteraceae family. <i>BMC Plant Biology</i> , 2010, 10, 176.	3.6	66
45	Genome size dynamics in <i>Artemisia</i> L. (Asteraceae): following the track of polyploidy. <i>Plant Biology</i> , 2010, 12, 820-830.	3.8	68
46	Genome Size Study in the Valerianaceae: First Results and New Hypotheses. <i>Journal of Botany</i> , 2010, 2010, 1-19.	1.2	17
47	Cytogenetic Characterisation of <i>Artemisia absinthium</i> (Asteraceae, Anthemideae) and Its Polish Endemic var. <i>calcigena</i> . <i>Annales Botanici Fennici</i> , 2010, 47, 477-488.	0.1	4
48	First genome size estimations for some eudicot families and genera. <i>Collectanea Botanica</i> , 2010, 29, 7-16.	0.2	7
49	Changes in genome size in a fragmented distribution area: the case of <i>Artemisia crithmifolia</i> L. (Asteraceae, Anthemideae).. <i>Caryologia</i> , 2009, 62, 152-160.	0.3	14
50	Linkage of 35S and 5S rRNA genes in <i>Artemisia</i> (family Asteraceae): first evidence from angiosperms. <i>Chromosoma</i> , 2009, 118, 85-97.	2.2	72
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	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
53	Ethnobotany of Food Plants in the High River Ter Valley (Pyrenees, Catalonia, Iberian Peninsula): Non-Crop Food Vascular Plants and Crop Food Plants with Medicinal Properties. <i>Ecology of Food and Nutrition</i> , 2009, 48, 303-326.	1.6	37
54	Ribosomal DNA, heterochromatin, and correlation with genome size in diploid and polyploid North American endemic sagebrushes (<i>Artemisia</i> , Asteraceae). <i>Genome</i> , 2009, 52, 1012-1024.	2.0	33

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55	<i>Cheirolophus intybaceus</i> (Asteraceae, Centaureinae) o la constancia del valor 2C. <i>Collectanea Botanica</i> , 2009, 28, 7-17.	0.2	3
56	Studies on pharmaceutical ethnobotany in the high river Ter valley (Pyrenees, Catalonia, Iberian)	4.1	90
57	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
58	Genome size variation from a phylogenetic perspective in the genus <i>Cheirolophus</i> Cass. (Asteraceae): biogeographic implications. <i>Plant Systematics and Evolution</i> , 2007, 264, 117-134.	0.9	28
59	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
60	Chromosome numbers in some <i>Artemisia</i> (Asteraceae, Anthemideae) species and genome size variation in its subgenus <i>Dracunculus</i> : Karyological, systematic and phylogenetic implications. <i>Chromosome Botany</i> , 2007, 2, 45-53.	0.2	26
61	New or rarely reported chromosome numbers in taxa of subtribe Artemisiinae (Anthemideae,)	1.6	22
62	Genome size variation in the <i>Artemisia arborescens</i> complex (Asteraceae, Anthemideae) and its cultivars. <i>Genome</i> , 2006, 49, 244-253.	2.0	36
63	Genome Size Variation in the Genus <i>Carthamus</i> (Asteraceae, Cardueae): Systematic Implications and Additive Changes During Allopolyploidization. <i>Annals of Botany</i> , 2006, 97, 461-467.	2.9	67
64	Chromosome numbers in the tribes Anthemideae and Inuleae (Asteraceae). <i>Botanical Journal of the Linnean Society</i> , 2005, 148, 77-85.	1.6	48
65	Genome size variation in some representatives of the genus <i>Tripleurospermum</i> . <i>Biologia Plantarum</i> , 2005, 49, 381-387.	1.9	19
66	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
67	Variation of DNA amount in 47 populations of the subtribe Artemisiinae and related taxa (Asteraceae,)	2.0	57
68	Evolutionary and ecological implications of genome size in the North American endemic sagebrushes and allies (<i>Artemisia</i> , Asteraceae). <i>Biological Journal of the Linnean Society</i> , 0, 94, 631-649.	1.6	51
69	Primeras medidas del tamaño del genoma en <i>Carduncellus</i> y los géneros afines <i>Femeniasia</i> y <i>Phonus</i> (Asteraceae, Cardueae), con datos para 21 taxones. <i>Collectanea Botanica</i> , 0, 40, e004.	0.2	0