

Marcelo Guerra

List of Publications by Year in descending order

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82
papers

2,730
citations

201674

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48
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docs citations

82
times ranked

1795
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#	ARTICLE	IF	CITATIONS
1	Satellite DNA probes of <i>Alstroemeria longistaminea</i> (Alstroemeriaceae) paint the heterochromatin and the B chromosome, reveal a G-like banding pattern, and point to a strong structural karyotype conservation. <i>Protoplasma</i> , 2022, 259, 413-426.	2.1	3
2	Molecular cytogenetics reveals an uncommon structural and numerical chromosomal heteromorphism in <i>Zephyranthes brachyandra</i> (Amaryllidaceae). <i>Boletín De La Sociedad Argentina De Botanica</i> , 2022, 57, .	0.3	1
3	The karyotype of <i>Adenia</i> and the origin of the base number $x = 12$ in Passifloroideae (Passifloraceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20201852.	0.8	0
4	Origin and evolution of highly polymorphic rDNA sites in <i>Alstroemeria longistaminea</i> (Alstroemeriaceae) and related species. <i>Genome</i> , 2021, 64, 833-845.	2.0	4
5	Molecular cytogenetics of <i>Dictyoloma vandellianum</i> A. Juss. and the ancestral karyotype of Rutaceae. <i>Acta Botanica Brasilica</i> , 2021, 35, 582-588.	0.8	1
6	Karyotype variability of sour orange (<i>Citrus aurantium</i> L.) and the origin of its heteromorphic karyotypes. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	1.6	2
7	Genome size and cytomechanical diversification in two species of the South African endemic genus <i>Tulbaghia</i> L. (Allioideae, Amaryllidaceae). <i>South African Journal of Botany</i> , 2020, 130, 407-413.	2.5	3
8	Does the chromosomal position of 35S rDNA sites influence their transcription? A survey on <i>Nothoscordum</i> species (Amaryllidaceae). <i>Genetics and Molecular Biology</i> , 2020, 43, e20180194.	1.3	9
9	Intense proliferation of rDNA sites and heterochromatic bands in two distantly related <i>Cuscuta</i> species (Convolvulaceae) with very large genomes and symmetric karyotypes. <i>Genetics and Molecular Biology</i> , 2020, 43, e20190068.	1.3	5
10	Allopolyploidy and extensive rDNA site variation underlie rapid karyotype evolution in <i>Nothoscordum</i> section <i>Nothoscordum</i> (Amaryllidaceae). <i>Botanical Journal of the Linnean Society</i> , 2019, 190, 215-228.	1.6	19
11	Allopolyploid origin and genome differentiation of the parasitic species <i>Cuscuta veatchii</i> (Convolvulaceae) revealed by genomic in situ hybridization. <i>Genome</i> , 2019, 62, 467-475.	2.0	10
12	IAPT chromosome data 31. <i>Taxon</i> , 2019, 68, 1374-1380.	0.7	9
13	Effects of the diploidisation process upon the 5S and 35S rDNA sequences in the allopolyploid species of the <i>Dilatata</i> group of <i>Paspalum</i> (Poaceae, Paniceae). <i>Australian Journal of Botany</i> , 2019, 67, 521.	0.6	11
14	Monocentric chromosomes in <i>Juncus</i> (Juncaceae) and implications for the chromosome evolution of the family. <i>Botanical Journal of the Linnean Society</i> , 2019, 191, 475-483.	1.6	18
15	Karyotype of the Neotropical mangrove species <i>Pelliciera Rhizophorae</i> Triana and Planchon (Tetrameristaceae). <i>Caryologia</i> , 2018, 71, 182-189.	0.3	1
16	Condensation patterns of prophase/prometaphase chromosome are correlated with H4K5 histone acetylation and genomic DNA contents in plants. <i>PLoS ONE</i> , 2017, 12, e0183341.	2.5	13
17	Agmatoploidy and symploidy: a critical review. <i>Genetics and Molecular Biology</i> , 2016, 39, 492-496.	1.3	14
18	Phylogenetic and cytogenetic relationships among species of <i>Oxalis</i> section <i>Articulatae</i> (Oxalidaceae). <i>Plant Systematics and Evolution</i> , 2016, 302, 1253-1265.	0.9	11

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19	Phylogenetic relations in tribe Leucocoryneae (Amaryllidaceae, Allioideae) and the validation of <i>Zoellnerallium</i> based on DNA sequences and cytomolecular data. <i>Botanical Journal of the Linnean Society</i> , 2016, 182, 811-824.	1.6	25
20	Interstitial telomeric sites and Robertsonian translocations in species of <i>Ipheion</i> and <i>Nothoscordum</i> (Amaryllidaceae). <i>Genetica</i> , 2016, 144, 157-166.	1.1	18
21	Non-Random Distribution of 5S rDNA Sites and Its Association with 45S rDNA in Plant Chromosomes. <i>Cytogenetic and Genome Research</i> , 2015, 146, 243-249.	1.1	81
22	Karyological, morphological, and phylogenetic diversification in <i>Leucocoryne</i> Lindl (Allioideae.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622</i>	0.9	25
23	Different Patterns of Chromosomal Histone H3 Phosphorylation in Land Plants. <i>Cytogenetic and Genome Research</i> , 2014, 143, 136-143.	1.1	7
24	B chromosomes of rye are highly conserved and accompanied the development of early agriculture. <i>Annals of Botany</i> , 2013, 112, 527-534.	2.9	22
25	Cytogenetic and molecular evidence suggest multiple origins and geographical parthenogenesis in <i>Nothoscordum gracile</i> (Alliaceae). <i>Annals of Botany</i> , 2012, 109, 987-999.	2.9	38
26	Karyological relationships among some South American species of <i>Solanum</i> (Solanaceae) based on fluorochrome banding and nuclear DNA amount. <i>Plant Systematics and Evolution</i> , 2012, 298, 1547-1556.	0.9	18
27	Diversification of the American bulb-bearing <i>Oxalis</i> (Oxalidaceae): Dispersal to North America and modification of the tristylous breeding system. <i>American Journal of Botany</i> , 2012, 99, 152-164.	1.7	26
28	Cytomolecular characterization of de novo formed rye B chromosome variants. <i>Molecular Cytogenetics</i> , 2012, 5, 34.	0.9	14
29	Reproductive isolation between diploid and tetraploid cytotypes of <i>Libidibia ferrea</i> (= <i>Caesalpinia</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 0.9 35</i> 298, 1371-1381.	0.9	35
30	Distribution of 45S rDNA sites in chromosomes of plants: Structural and evolutionary implications. <i>BMC Evolutionary Biology</i> , 2012, 12, 225.	3.2	175
31	Different types of plant chromatin associated with modified histones H3 and H4 and methylated DNA. <i>Genetica</i> , 2011, 139, 305-314.	1.1	28
32	Distribution of 5S and 45S rDNA sites in plants with holokinetic chromosomes and the "chromosome field" hypothesis. <i>Micron</i> , 2011, 42, 625-631.	2.2	27
33	The Cytogenetic Map of the <i>Poncirus trifoliata</i> (L.) Raf. A Nomenclature System for Chromosomes of All Citric Species. <i>Tropical Plant Biology</i> , 2011, 4, 99-105.	1.9	12
34	Cytological differentiation between the two subgenomes of the tetraploid <i>Emilia fosbergii</i> Nicolson and its relationship with <i>E. sonchifolia</i> (L.) DC. (Asteraceae). <i>Plant Systematics and Evolution</i> , 2010, 287, 113-118.	0.9	14
35	Karyological circumscription of <i>Ipheion Rafinesque</i> (Gilliesioideae, Alliaceae). <i>Plant Systematics and Evolution</i> , 2010, 287, 119-127.	0.9	33
36	The evolution of CMA bands in <i>Citrus</i> and related genera. <i>Chromosome Research</i> , 2010, 18, 503-514.	2.2	56

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37	Chromatin differentiation between <i>Theobroma cacao</i> L. and <i>T. grandiflorum</i> Schum. <i>Genetics and Molecular Biology</i> , 2010, 33, 94-98.	1.3	22
38	Karyotype differentiation in three species of <i>Tripogandra</i> Raf. (Commelinaceae) with different ploidy levels. <i>Genetics and Molecular Biology</i> , 2010, 33, 731-738.	1.3	2
39	The meaning of DAPI bands observed after C-banding and FISH procedures. <i>Biotechnic and Histochemistry</i> , 2010, 85, 115-125.	1.3	78
40	The karyotype of <i>Nothoscordum arenarium</i> Herter (Gilliesioideae, Alliaceae): a populational and cytomolecular analysis. <i>Genetics and Molecular Biology</i> , 2009, 32, 111-116.	1.3	18
41	Cytotaxonomy of diploid and polyploid <i>Aristolochia</i> (Aristolochiaceae) species based on the distribution of CMA/DAPI bands and 5S and 45S rDNA sites. <i>Plant Systematics and Evolution</i> , 2009, 280, 219-227.	0.9	28
42	Chromosome numbers in plant cytotaxonomy: concepts and implications. <i>Cytogenetic and Genome Research</i> , 2008, 120, 339-350.	1.1	224
43	Molecular Phylogeny of the Neotropical Genus <i>Christensonella</i> (Orchidaceae, Maxillariinae): Species Delimitation and Insights into Chromosome Evolution. <i>Annals of Botany</i> , 2008, 102, 491-507.	2.9	26
44	Karyotype of <i>Araucaria angustifolia</i> and the decondensation/activation mode of its nucleolus organiser region. <i>Australian Journal of Botany</i> , 2007, 55, 165.	0.6	8
45	Karyotype differentiation among <i>Spondias</i> species and the putative hybrid <i>Umbu-cajã</i> (Anacardiaceae). <i>Botanical Journal of the Linnean Society</i> , 2007, 155, 541-547.	1.6	28
46	Karyotype diversity and the origin of grapefruit. <i>Chromosome Research</i> , 2007, 15, 115-121.	2.2	81
47	Heterochromatin diversity and its co-localization with 5S and 45S rDNA sites in chromosomes of four <i>Maxillaria</i> species (Orchidaceae). <i>Genetics and Molecular Biology</i> , 2006, 29, 659-664.	1.3	63
48	Mitotic Microtubule Development and Histone H3 Phosphorylation in the Holocentric Chromosomes of <i>Rhynchospora Tenuis</i> (Cyperaceae). <i>Genetica</i> , 2006, 126, 33-41.	1.1	26
49	Extensive ribosomal DNA amplification during Andean common bean (<i>Phaseolus vulgaris</i> L.) evolution. <i>Theoretical and Applied Genetics</i> , 2006, 112, 924-933.	3.6	168
50	Molecular cytogenetic characterization of parental genomes in the partial amphidiploid <i>Triticum aestivum</i> x <i>Thinopyrum ponticum</i> . <i>Genetics and Molecular Biology</i> , 2005, 28, 308-313.	1.3	12
51	Variation in Chromosome Numbers, CMA Bands and 45S rDNA Sites in Species of <i>Selaginella</i> (Pteridophyta). <i>Annals of Botany</i> , 2005, 95, 271-276.	2.9	46
52	Localization of the 5S and 45S rDNA Sites and cpDNA Sequence Analysis in Species of the <i>Quadrifaria</i> Group of <i>Paspalum</i> (Poaceae, Paniceae). <i>Annals of Botany</i> , 2005, 96, 191-200.	2.9	63
53	Mitotic karyotype stability and meiotic irregularities in the families <i>Loranthaceae</i> Juss. and <i>Viscaceae</i> Miq. <i>Caryologia</i> , 2005, 58, 70-77.	0.3	1
54	Karyotype analysis in several South American species of <i>Solanum</i> and <i>Lycianthes rantonnei</i> (Solanaceae). <i>Taxon</i> , 2005, 54, 713-723.	0.7	46

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55	Heterochromatin and rDNA sites distribution in the holocentric chromosomes of <i>Cuscuta approximata</i> Bab. (Convolvulaceae). <i>Genome</i> , 2004, 47, 134-140.	2.0	40
56	A Karyotype Comparison Between Two Closely Related Species of <i>Acrostichum</i> . <i>American Fern Journal</i> , 2003, 93, 116-125.	0.3	13
57	Variability of the 5S and 45S rDNA Sites in <i>Passiflora</i> L. Species with Distinct Base Chromosome Numbers. <i>Annals of Botany</i> , 2003, 92, 309-316.	2.9	108
58	Localization of 45S rDNA and telomeric sites on holocentric chromosomes of <i>Rhynchospora tenuis</i> Link (Cyperaceae). <i>Genetics and Molecular Biology</i> , 2003, 26, 199-201.	1.3	36
59	Chromosome characterization in <i>Thinopyrum ponticum</i> (Triticeae, Poaceae) using in situ hybridization with different DNA sequences. <i>Genetics and Molecular Biology</i> , 2003, 26, 505-510.	1.3	44
60	Cytogenetics of <i>Manihot esculenta</i> Crantz (cassava) and eight related species. <i>Hereditas</i> , 2002, 136, 159-168.	1.4	43
61	Karyotypic Stability in <i>Asparagus</i> (<i>Asparagus officinalis</i> L.) Cultivars Revealed by rDNA in situ Hybridization.. <i>Cytologia</i> , 2001, 66, 127-131.	0.6	11
62	Fluorescent in situ hybridization in plant polytene chromosomes. <i>Cytotechnology</i> , 2001, 23, 135-140.	0.7	5
63	Fluorescent in situ hybridization in plant polytene chromosomes. , 2001, 23, 133-138.		3
64	Patterns of heterochromatin distribution in plant chromosomes. <i>Genetics and Molecular Biology</i> , 2000, 23, 1029-1041.	1.3	182
65	Cytogenetics and cytotaxonomy of some Brazilian species of Cymbidioid orchids. <i>Genetics and Molecular Biology</i> , 2000, 23, 957-978.	1.3	52
66	Heterochromatin differentiation in holocentric chromosomes of <i>Rhynchospora</i> (Cyperaceae). <i>Genetics and Molecular Biology</i> , 2000, 23, 453-456.	1.3	27
67	Heterochromatin banding patterns in Rutaceae "Aurantioidaeae" a case of parallel chromosomal evolution. <i>American Journal of Botany</i> , 2000, 87, 735-747.	1.7	75
68	Citogenética de Angiospermas coletadas em Pernambuco: V. <i>Acta Botanica Brasilica</i> , 1999, 13, 49-60.	0.8	22
69	Longitudinal differentiation in chromosomes of some <i>Sesbania</i> Scop, species (Fabaceae). <i>Caryologia</i> , 1999, 52, 97-103.	0.3	11
70	Chromosome analysis in <i>Psychmorchis pusilla</i> (L.) Dodson & Dressier: the smallest chromosome number known in Orchidaceae. <i>Caryologia</i> , 1999, 52, 165-168.	0.3	14
71	Hematoxylin: a simple, multiple-use dye for chromosome analysis. <i>Genetics and Molecular Biology</i> , 1999, 22, 77-80.	1.3	18
72	Multiple locations of the rDNA sites in holocentric chromosomes of <i>Rhynchospora</i> (Cyperaceae). <i>Chromosome Research</i> , 1998, 6, 345-350.	2.2	35

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73	Improved Hematoxylin Staining for Algal Cytogenetics. <i>Biotechnic and Histochemistry</i> , 1998, 73, 78-81.	1.3	10
74	Cytotaxonomic studies in Brazilian <i>Rhynchospora</i> (Cyperaceae), a genus exhibiting holocentric chromosomes. <i>Canadian Journal of Botany</i> , 1998, 76, 440-449.	1.1	31
75	Cytotaxonomic studies in Brazilian <i>Rhynchospora</i> (Cyperaceae), a genus exhibiting holocentric chromosomes. <i>Canadian Journal of Botany</i> , 1998, 76, 440-449.	1.1	29
76	Cytogenetics and cytotaxonomy of Velloziaceae. <i>Plant Systematics and Evolution</i> , 1997, 204, 257-273.	0.9	35
77	Chromosome number and secondary constriction variation in 51 accessions of a citrus germplasm bank. <i>Genetics and Molecular Biology</i> , 1997, 20, 489-496.	1.0	25
78	Numerical variations in species exhibiting holocentric chromosomes: a nomenclatural proposal. <i>Caryologia</i> , 1996, 49, 301-309.	0.3	61
79	The Polytene Chromosomes of Anther Tapetum of Some Phaseolus Species.. <i>Cytologia</i> , 1994, 59, 211-217.	0.6	12
80	Variation in chromosome number and the basic number of subfamily Epidendroideae (Orchidaceae). <i>Botanical Journal of the Linnean Society</i> , 0, 163, 234-278.	1.6	52
81	Multiple karyotype changes distinguish two closely related species of Oxalis (<i>O. psoraleoides</i> and <i>O. TJ ETQq1 1 0.784314 rgBT /Over Journal of the Linnean Society</i> , 0, , .	1.6	6
82	Karyotype differentiation in <i>Ameroglossum</i> (Linderniaceae) and closely related genera endemic to Brazilian inselbergs. <i>Botanical Journal of the Linnean Society</i> , 0, , .	1.6	2