Ana Christina Brasileiro-Vidal

List of Publications by Year
in descending order

38 papers	586 citations	687363 13 h-index	677142 22 g-index
39 all docs	39 docs citations	39 times ranked	651 citing authors

#	Article	IF	Citations
1	The relationships among lemons, limes and citron: a chromosomal comparison. Cytogenetic and Genome Research, 2005, 109, 276-282.	1.1	82
2	Chlorella vulgaris mixotrophic growth enhanced biomass productivity and reduced toxicity from agro-industrial by-products. Chemosphere, 2018, 204, 344-350.	8.2	52
3	Chromosome characterization in Thinopyrum ponticum (Triticeae, Poaceae) using in situ hybridization with different DNA sequences. Genetics and Molecular Biology, 2003, 26, 505-510.	1.3	44
4	A simple chromosomal marker can reliably distinguishes Poncirus from Citrus species. Genetica, 2007, 129, 273-279.	1.1	38
5	Intra- and interchromosomal rearrangements between cowpea [Vigna unguiculata (L.) Walp.] and common bean (Phaseolus vulgaris L.) revealed by BAC-FISH. Chromosome Research, 2015, 23, 253-266.	2.2	36
6	Mitotic Microtubule Development and Histone H3 Phosphorylation in the Holocentric Chromosomes of Rhynchospora Tenuis (Cyperaceae). Genetica, 2006, 126, 33-41.	1.1	26
7	Oligo-FISH barcode in beans: a new chromosome identification system. Theoretical and Applied Genetics, 2021, 134, 3675-3686.	3.6	23
8	Chromosomal markers distinguish hybrids and non-hybrid accessions of mandarin. Cytogenetic and Genome Research, 2007, 119, 275-281.	1.1	21
9	Heterochromatin and rDNA 5S and 45S sites as reliable cytogenetic markers for castor bean (Ricinus) Tj ETQq1 1 0.784314 rgBT /Ove	2.2	21
10	Diversity of repetitive sequences within compact genomes of Phaseolus L. beans and allied genera Cajanus L. and Vigna Savi. Chromosome Research, 2020, 28, 139-153.	2.2	19
11	BAC- and oligo-FISH mapping reveals chromosome evolution among Vigna angularis, V. unguiculata, and Phaseolus vulgaris. Chromosoma, 2021, 130, 133-147.	2.2	17
12	Different chromatin fractions of tomato (Solanum lycopersicum L.) and related species. Micron, 2009, 40, 851-859.	2.2	16
13	Genome size evolution and chromosome numbers of species of the cryptanthoid complex (Bromelioideae, Bromeliaceae) in a phylogenetic framework. Botanical Journal of the Linnean Society, 2020, 192, 887-899.	1.6	15
14	Intra- and interspecific chromosome polymorphisms in cultivated Cichorium L. species (Asteraceae). Genetics and Molecular Biology, 2013, 36, 357-364.	1.3	14
15	Cytotoxic and genotoxic effects of ethanolic extract of Euphorbia hyssopifolia L. on HepG2 cells. Journal of Ethnopharmacology, 2015, 170, 16-19.	4.1	14
16	Genotoxic potential of leaf extracts of Jatropha gossypiifolia L.. Genetics and Molecular Research, 2016, 15, .	0.2	14
17	Molecular cytogenetic characterization of parental genomes in the partial amphidiploid Triticum aestivum x Thinopyrum ponticum. Genetics and Molecular Biology, 2005, 28, 308-313.	1.3	12
18	Genotoxic potential of the latex from cotton-leaf physicnut (Jatropha gossypiifolia L.). Genetics and Molecular Biology, 2015, 38, 93-100.	1.3	12

#	Article	IF	Citations
19	Evaluation of cytogenotoxicity, antioxidant and hypoglycemiant activities of isolate compounds from Mansoa hirsuta D.C. (Bignoniaceae). Anais Da Academia Brasileira De Ciencias, 2017, 89, 317-331.	0.8	12
20	Karyotype heterogeneity in Philodendron s.l. (Araceae) revealed by chromosome mapping of rDNA loci. PLoS ONE, 2018, 13, e0207318.	2.5	11
21	Mitotic instability in wheatÃ—Thinopyrum ponticum derivatives revealed by chromosome counting, nuclear DNA content and histone H3 phosphorylation pattern. Plant Cell Reports, 2005, 24, 172-178.	5.6	10
22	Phosphorylation of Histone H3S10 in Animal Chromosomes: Is There a Uniform Pattern?. Cytogenetic and Genome Research, 2011, 135, 111-117.	1.1	10
23	Breaks of macrosynteny and collinearity among moth bean (Vigna aconitifolia), cowpea (V.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.2	10
24	Chromatin differentiation between Vigna radiata (L.) R. Wilczek and V. unguiculata (L.) Walp. (Fabaceae). Plant Systematics and Evolution, 2012, 298, 689-693.	0.9	9
25	Karyotype and genome size comparative analyses among six species of the oilseed-bearing genus Jatropha (Euphorbiaceae). Genetics and Molecular Biology, 2018, 41, 442-449.	1.3	8
26	Comparative cytogenomics reveals genome reshuffling and centromere repositioning in the legume tribe Phaseoleae. Chromosome Research, 2022, 30, 477-492.	2.2	7
27	Chromosomal features ofFosterellaspecies (Bromeliaceae, Pitcairnioideae). Botanical Journal of the Linnean Society, 2016, 181, 532-541.	1.6	5
28	Chromosome markers confirm origin of Heliconia hybrids and triploids. Euphytica, 2016, 212, 501-514.	1.2	5
29	The WRKY transcription factor family in cowpea: Genomic characterization and transcriptomic profiling under root dehydration. Gene, 2022, 823, 146377.	2.2	5
30	LAITOR4HPC: A text mining pipeline based on HPC for building interaction networks. BMC Bioinformatics, 2020, 21, 365.	2.6	4
31	Accessing genetic diversity levels of Brazilian genotypes of castor with AFLP and ISSR markers. Pesquisa AgropecuÃ¡ria Pernambucana, 2016, 21, 24-31.	0.1	4
32	Biparental Chromosome Elimination in Artificial Interspecific Hybrids of Pennisetum purpureum and Pennisetum glaucum. Crop Science, 2013, 53, 1917-1924.	1.8	3
33	Updating the list of chromosome numbers for Philodendron (Araceae). Acta Botanica Brasilica, 2017, 31, 309-312.	0.8	2
34	Unraveling the karyotype structure of the spurges Euphorbia hirta Linnaeus, 1753 and E. hyssopifolia Linnaeus, 1753 (Euphorbiaceae) using genome size estimation and heterochromatin differentiation. Comparative Cytogenetics, 2016, 10, 657-696.	0.8	2
35	Genome size and chromosome number conservation contrasting with karyotype diversity in Hohenbergia (Bromelioideae, Bromeliaceae). Botanical Journal of the Linnean Society, 2020, 192, 900-909.	1.6	1
36	Genome composition and pollen viability of Jatropha (Euphorbiaceae) interspecific hybrids by Genomic In Situ Hybridization (GISH). Genetics and Molecular Biology, 2019, 42, e20190112.	1.3	1

#	Article	IF	Citations
37	Genotoxicity and Mutagenicity Assays for Selection of Chemical Compounds with Therapeutic Potential: A Short Commentary. Biochemistry and Analytical Biochemistry: Current Research, 2015, 04, .	0.4	0
38	Antioxidant and inÂvitro cytogenotoxic properties of Amburana cearensis (AllemÃ£o) A.C.Sm. leaf extract. Drug and Chemical Toxicology, 2021, , 1-9.	2.3	0