Angeles Cuadrado

List of Publications by Year
in descending order

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65 papers	2,084 citations	201674 27 h-index	254184 43 g-index
65 all docs	65 docs citations	65 times ranked	1531 citing authors

#	Article	IF	Citations
1	The chromosomal organization of simple sequence repeats in wheat and rye genomes. Chromosoma, 1998, 107, 587-594.	2.2	136
2	Genome remodelling in three modern S. officinarumxS. spontaneum sugarcane cultivars. Journal of Experimental Botany, 2004, 55, 847-854.	4.8	108
3	Mapping and organization of highly-repeated DNA sequences by means of simultaneous and sequential FISH and C-banding in 6ï¿½-triticale. Chromosome Research, 1994, 2, 331-338.	2.2	107
4	Chromosomal detection of simple sequence repeats (SSRs) using nondenaturing FISH (ND-FISH). Chromosoma, 2010, 119, 495-503.	2.2	103
5	Identification of different chromatin classes in wheat using in situ hybridization with simple sequence repeat oligonucleotides. Theoretical and Applied Genetics, 2000, 101, 711-717.	3.6	102
6	Evolutionary Trends of Different Repetitive DNA Sequences During Speciation in the Genus Secale. , 2002, 93, 339-345.		86
7	Organization of the genome and gene expression in a nuclear environment lacking histones and nucleosomes: the amazing dinoflagellates. European Journal of Cell Biology, 2005, 84, 137-149.	3.6	73
8	Physical organisation of simple sequence repeats (SSRs) in Triticeae: structural, functional and evolutionary implications. Cytogenetic and Genome Research, 2008, 120, 210-219.	1.1	73
9	A novel, simple and rapid nondenaturing FISH (ND-FISH) technique for the detection of plant telomeres. Potential used and possible target structures detected. Chromosome Research, 2009, 17, 755-762.	2.2	71
10	Physical mapping of repetitive DNA sequences and 5S and 18Sâ€“26S rDNA in five wild species of the genusHordeum. Chromosome Research, 1996, 4, 491-499.	2.2	62
11	The nonrandom distribution of long clusters of all possible classes of trinucleotide repeats in barley chromosomes. Chromosome Research, 2007, 15, 711-720.	2.2	58
12	Fluorescence in situ hybridization with multiple repeated DNA probes applied to the analysis of wheat-rye chromosome pairing. Theoretical and Applied Genetics, 1997, 94, 347-355.	3.6	55
13	Cytogenetic diversity of SSR motifs within and between Hordeum species carrying the H genome: H. vulgare L. and H. bulbosum L.. Theoretical and Applied Genetics, 2013, 126, 949-961.	3.6	50
14	Distribution of highly repeated DNA sequences in species of the genus Secale. Genome, 1997, 40, 309-317.	2.0	47
15	Chromosomal Characterization of the Three Subgenomes in the Polyploids of Hordeum murinum L.: New Insight into the Evolution of This Complex. PLoS ONE, 2013, 8, e81385.	2.5	46
16	Comparative repeatome analysis on Triatoma infestans Andean and Non-Andean lineages, main vector of Chagas disease. PLoS ONE, 2017, 12, e0181635.	2.5	46
17	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
18	Increasing the physical markers of wheat chromosomes using SSRs as FISH probes. Genome, 2008, 51, 809-815.	2.0	43

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19	Fluorescent in situ hybridization and C-banding analyses of highly repetitive DNA sequences in the heterochromatin of rye (Secale montanum Guss.) and wheat incorporating S. montanum chromosome segments. Genome, 1995, 38, 795-802.	2.0	40
20	Evolution of Iris subgenus Xiphium based on chromosome numbers, FISH of nrDNA (5S, 45S) and trnLâ€“trnF sequence analysis. Plant Systematics and Evolution, 2010, 289, 223-235.	0.9	40
21	Next generation sequencing and FISH reveal uneven and nonrandom microsatellite distribution in two grasshopper genomes. Chromosoma, 2015, 124, 221-234.	2.2	40
22	Highly repetitive sequences in B chromosomes of Secale cereale revealed by fluorescence in situ hybridization. Genome, 1994, 37, 709-712.	2.0	37
23	Localization of 45S rDNA and telomeric sites on holocentric chromosomes of Rhynchospora tenuis Link (Cyperaceae). Genetics and Molecular Biology, 2003, 26, 199-201.	1.3	36
24	The Hidden Sexuality of Alexandrium Minutum: An Example of Overlooked Sex in Dinoflagellates. PLoS ONE, 2015, 10, e0142667.	2.5	36
25	Multiple locations of the rDNA sites in holocentric chromosomes of Rhynchospora (Cyperaceae). Chromosome Research, 1998, 6, 345-350.	2.2	35
26	Sequencing of long stretches of repetitive DNA. Scientific Reports, 2016, 6, 36665.	3.3	35
27	Chromosome markers in the tetraploid wheat Aegilops ventricosa analysed by in situ hybridization. Theoretical and Applied Genetics, 1999, 99, 300-304.	3.6	30
28	Ribosomal DNA Organization Patterns within the Dinoflagellate Genus Alexandrium as Revealed by FISH: Life Cycle and Evolutionary Implications. Protist, 2014, 165, 343-363.	1.5	28
29	Distribution of 5S and 45S rDNA sites in plants with holokinetic chromosomes and the â€œchromosome fieldâ€•hypothesis. Micron, 2011, 42, 625-631.	2.2	27
30	Nuclear and Cell Morphological Changes during the Cell Cycle and Growth of the Toxic Dinoflagellate Alexandrium minutum. Protist, 2015, 166, 146-160.	1.5	27
31	Novel simple sequence repeats (SSRs) detected by ND-FISH in heterochromatin of Drosophila melanogaster. BMC Genomics, 2011, 12, 205.	2.8	24
32	Nucleolar organizer expression inAllium cepa L. chromosomes. Chromosoma, 1996, 105, 12-19.	2.2	23
33	Similarities in the chromosomal distribution of AG and AC repeats within and between <i>Drosophila</i>, human and barley chromosomes. Cytogenetic and Genome Research, 2007, 119, 91-99.	1.1	23
34	Telomeric DNA localization on dinoflagellate chromosomes: structural and evolutionary implications. Cytogenetic and Genome Research, 2007, 116, 224-231.	1.1	21
35	The evolutionary history of sea barley (Hordeum marinum) revealed by comparative physical mapping of repetitive DNA. Annals of Botany, 2013, 112, 1845-1855.	2.9	20
36	Prolamin storage proteins and alloploidy in wild populations of the small grass Brachypodium distachyon (L.) P. Beauv.. Plant Systematics and Evolution, 2011, 297, 99-111.	0.9	17

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37	Genetic characterization of a reciprocal translocation present in a widely grown barley variety. Molecular Breeding, 2012, 30, 1109-1119.	2.1	17
38	Physical mapping of the 5S rRNA multigene family in 6x triticale and rye: identification of a new rye locus. Genome, 1995, 38, 623-626.	2.0	16
39	Title is missing!. Genetic Resources and Crop Evolution, 1997, 44, 217-226.	1.6	16
40	Localization of <i>Rad50, </i>a Single-Copy Gene, on Group 5 Chromosomes of Wheat, Using a FISH Protocol Employing Tyramide for Signal Amplification (Tyr-FISH). Cytogenetic and Genome Research, 2009, 125, 321-328.	1.1	16
41	High chromosomal mobility of r<scp>DNA</scp> clusters in holocentric chromosomes of Triatominae, vectors of Chagas disease (<scp>Hemipteraâ€Reduviidae</scp>). Medical and Veterinary Entomology, 2022, 36, 66-80.	1.5	16
42	The detection, cloning, and characterisation of WIS 2-1A retrotransposon-like sequences in Triticum aestivum L. and Ã—Triticosecale Wittmack and an examination of their evolution in related Triticeae. Genome, 2001, 44, 979-989.	2.0	13
43	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
44	Chromosomal markers in the genus Karenia: Towards an understanding of the evolution of the chromosomes, life cycle patterns and phylogenetic relationships in dinoflagellates. Scientific Reports, 2019, 9, 3072.	3.3	12
45	Integrative genetic map of repetitive DNA in the sole Solea senegalensis genome shows a Rex transposon located in a proto-sex chromosome. Scientific Reports, 2019, 9, 17146.	3.3	12
46	The Rad50 genes of diploid and polyploid wheat species. Analysis of homologue and homoeologue expression and interactions with Mre11. Theoretical and Applied Genetics, 2011, 122, 251-262.	3.6	11
47	On the allopolyploid origin and genome structure of the closely related speciesHordeum secalinumandHordeum capenseinferred by molecular karyotyping. Annals of Botany, 2017, 120, mcw270.	2.9	9
48	The genomic composition of Tricepiro, a synthetic forage crop. Genome, 2005, 48, 154-159.	2.0	8
49	The 5S rRNA genes in Alexandrium: their use as a FISH chromosomal marker in studies of the diversity, cell cycle and sexuality of dinoflagellates. Harmful Algae, 2020, 98, 101903.	4.8	8
50	The detection, cloning, and characterisation of WIS 2-1A retrotransposon-like sequences in Triticum aestivum L. and Ã—Triticosecale Wittmack and an examination of their evolution in related Triticeae. Genome, 2001, 44, 979-989.	2.0	7
51	Temperature-dependent growth and sexuality of the ciguatoxin producer dinoflagellate Gambierdiscus spp. in cultures established from the Canary Islands. Harmful Algae, 2021, 110, 102130.	4.8	7
52	Genome characterization and relationships between two species of the genusLobelia (Campanulaceae) determined by repeated DNA sequences. Plant Systematics and Evolution, 1999, 214, 211-218.	0.9	6
53	Behaviour of ribosomal genes and nucleolar domains during activation in sugarcane (Saccharum) Tj ETQq1 1 0.784314 rgBT /Overloc proliferation. European Journal of Histochemistry, 2010, 46, 143.	1.5	6
54	Callus induction and plant regeneration from immature embryos of Brachypodium distachyon with different chromosome numbers. Biologia Plantarum, 2011, 55, .	1.9	6

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55	Allopolyploidy and the complex phylogenetic relationships within the Hordeum brachyantherum taxon. Molecular Phylogenetics and Evolution, 2016, 97, 107-119.	2.7	6
56	Nucleolar organizer expression in Allium cepa L. chromosomes. Chromosoma, 1996, 105, 12-19.	2.2	6
57	Competence for nuclear replication and the NOR-chromosomes of Allium cepa L. European Journal of Cell Biology, 1997, 72, 9-12.	3.6	5
58	Characterization of theNbs1Gene and Analysis of the Expression of Homologous and Homoeologous MRN Complex Genes in Meiocytes and Somatic Cells of Different Wheat Species. International Journal of Plant Sciences, 2011, 172, 959-969.	1.3	4
59	A novel FISH technique for labeling the chromosomes of dinoflagellates in suspension. PLoS ONE, 2018, 13, e0204382.	2.5	4
60	Comparative FISH mapping of 45S and 5S rDNA in the genus Gambierdiscus advances understanding of the cytogenetic diversity and mitosis of dinoflagellates. European Journal of Phycology, 2022, 57, 264-276.	2.0	4
61	Replication of 5 S ribosomal genes precedes the appearance of early nuclear replication complexes. European Journal of Cell Biology, 1998, 77, 247-252.	3.6	3
62	Image analysis of C-banded chromosomes and pairing regionalization in wheat. Genome, 1992, 35, 1062-1067.	2.0	2
63	Sequential combinations of C-banding and in situ hybridization and their use in the detection of interspecific introgressions into wheat. Euphytica, 1996, 89, 107-112.	1.2	2
64	First record of the spatial organization of the nucleosomeâ€less chromatin of dinoflagellates: The nonrandom distribution of microsatellites and bipolar arrangement of telomeres in the nucleus of Gambierdiscus australes (Dinophyceae). Journal of Phycology, 2022, , .	2.3	1
65	Comparative Analysis of Telomeric Heterochromatin of Rye Chromosomes in Rye and Triticale by Fish. Developments in Plant Breeding, 1996, , 155-163.	0.2	0