Josefa Cabrero

List of Publications by Year
in descending order

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120 papers	2,678 citations	201674 27 h-index	254184 43 g-index
123 all docs	123 docs citations	123 times ranked	1073 citing authors

#	Article	IF	Citations
1	High-throughput analysis of the satellitome illuminates satellite DNA evolution. Scientific Reports, 2016, 6, 28333.	3.3	176
2	Location and expression of ribosomal RNA genes in grasshoppers: Abundance of silent and cryptic loci. Chromosome Research, 2008, 16, 595-607.	2.2	115
3	Population Dynamics of A Selfish B Chromosome Neutralized by the Standard Genome in the GrasshopperEyprepocnemis Plorans. American Naturalist, 1997, 149, 1030-1050.	2.1	105
4	Chromosome mapping of H3 and H4 histone gene clusters in 35 species of acridid grasshoppers. Chromosome Research, 2009, 17, 397-404.	2.2	69
5	C-Heterochromatin content of supernumerary chromosome segments of grasshoppers: Detection of an euchromatic extra segment. Heredity, 1984, 53, 167-175.	2.6	66
6	Programmed DNA elimination of germline development genes in songbirds. Nature Communications, 2019, 10, 5468.	12.8	66
7	B chromosome ancestry revealed by histone genes in the migratory locust. Chromosoma, 2010, 119, 217-225.	2.2	65
8	The B-chromosome system of the grasshopper Eyprepocnemis plorans subsp. plorans (Charpentier). Chromosoma, 1980, 80, 163-176.	2.2	64
9	Generating high variability of B chromosomes in Eyprepocnemis plorans (grasshopper). Heredity, 1993, 71, 352-362.	2.6	62
10	Common origin of B chromosome variants in the grasshopper Eyprepocnemis plorans. Heredity, 1999, 83, 435-439.	2.6	56
11	Evolutionary dynamics of 5S rDNA location in acridid grasshoppers and its relationship with H3 histone gene and 45S rDNA location. Genetica, 2011, 139, 921-931.	1.1	53
12	Protein-coding genes in B chromosomes of the grasshopper Eyprepocnemis plorans. Scientific Reports, 2017, 7, 45200.	3.3	53
13	Evidence for B chromosome drive suppression in the grasshopper Eyprepocnemis plorans. Heredity, 1996, 76, 633-639.	2.6	44
14	B Chromosomes and Sex in Animals. Sexual Development, 2011, 5, 155-166.	2.0	42
15	B-Chromosome Ribosomal DNA Is Functional in the Grasshopper Eyprepocnemis plorans. PLoS ONE, 2012, 7, e36600.	2.5	42
16	Polymorphism Regeneration for a Neutralized Selfish B Chromosome. Evolution; International Journal of Organic Evolution, 1998, 52, 274.	2.3	40
17	Multiregional origin of B chromosomes in the grasshopper Eyprepocnemis plorans. Chromosoma, 2003, 112, 207-211.	2.2	38
18	Satellite DNA content illuminates the ancestry of a supernumerary (B) chromosome. Chromosoma, 2017, 126, 487-500.	2.2	36

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19	The B chromosome polymorphism of the grasshopper Eyprepocnemis plorans in North Africa. I. B variants and frequency. Heredity, 1999, 83, 428-434.	2.6	34
20	Microdissection and chromosome painting of X and B chromosomes in Locusta migratoria. Chromosome Research, 2009, 17, 11-18.	2.2	34
21	Cytogenetic studies in gomphocerine grasshoppers. I. Comparative analysis of chromosome C-banding pattern. Heredity, 1986, 56, 365-372.	2.6	33
22	Geographical distribution of B chromosomes in the grasshopper Eyprepocnemis plorans, along a river basin, is mainly shaped by non-selective historical events. Chromosome Research, 1997, 5, 194-198.	2.2	33
23	A nucleolus organizer region in a B chromosome inactivated by DNA methylation. Chromosoma, 1991, 100, 134-138.	2.2	32
24	Gypsy, RTE and Mariner transposable elements populate Eyprepocnemis plorans genome. Genetica, 2012, 140, 365-374.	1.1	32
25	A Single, Recent Origin of the Accessory B Chromosome of the Grasshopper Eyprepocnemis plorans. Genetics, 2011, 187, 853-863.	2.9	31
26	Population variation in the A chromosome distribution of satellite DNA and ribosomal DNA in the grasshopper Eyprepocnemis plorans. Chromosome Research, 2003, 11, 375-381.	2.2	30
27	Histone H3 lysine 9 acetylation pattern suggests that X and B chromosomes are silenced during entire male meiosis in a grasshopper. Cytogenetic and Genome Research, 2007, 119, 135-142.	1.1	30
28	DNA Amount of X and B Chromosomes in the Grasshoppers <i>Eyprepocnemis plorans</i> and <i>Locusta migratoria</i>. Cytogenetic and Genome Research, 2011, 134, 120-126.	1.1	30
29	High-throughput analysis of satellite DNA in the grasshopper Pyrgomorpha conica reveals abundance of homologous and heterologous higher-order repeats. Chromosoma, 2018, 127, 323-340.	2.2	29
30	Satellitome comparison of two oedipodine grasshoppers highlights the contingent nature of satellite DNA evolution. BMC Biology, 2022, 20, 36.	3.8	29
31	Effects of supernumerary chromosome segments on the activity of nucleolar organiser regions in the grasshopper Chorthippus binotatus. Chromosoma, 1986, 93, 375-380.	2.2	28
32	Host recombination is dependent on the degree of parasitism. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2173-2177.	2.6	28
33	Comparative FISH analysis in five species of Eyprepocnemidine grasshoppers. Heredity, 2003, 90, 377-381.	2.6	28
34	Transmission analysis of mitotically unstable B chromosomes in Locusta migratoria. Genome, 1994, 37, 1027-1034.	2.0	27
35	Nucleolus size variation during meiosis and NOR activity of a B chromosome in the grasshopper Eyprepocnemis plorans. Chromosome Research, 2007, 15, 755-765.	2.2	26
36	Possible autosomal origin of macro B chromosomes in two grasshopper species. Chromosome Research, 2008, 16, 233-241.	2.2	26

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37	Quantitative sequence characterization for repetitive DNA content in the supernumerary chromosome of the migratory locust. Chromosoma, 2018, 127, 45-57.	2.2	25
38	Cytogenetic studies in gomphocerine grasshoppers. II. Chromosomal location of active nucleolar organizing regions. Genome, 1986, 28, 540-544.	0.7	24
39	Paternity displacement in the grasshopper Eyprepocnemis plorans. Heredity, 1993, 71, 539-545.	2.6	24
40	Chiasma redistribution in bivalents carrying supernumerary chromosome segments in grasshoppers. Heredity, 1985, 55, 245-248.	2.6	23
41	Differences in ribosomal DNA distribution on A and B chromosomes between eastern and western populations of the grasshopper Eyprepocnemis plorans plorans. Cytogenetic and Genome Research, 2008, 121, 260-265.	1.1	23
42	Meiotic drive against an autosomal supernumerary segment promoted by the presence of a B chromosome in females of the grasshopper Eyprepocnemis plorans. Chromosoma, 1991, 100, 282-287.	2.2	22
43	Mitotic instability of B chromosomes during embryo development in Locusta migratoria. Heredity, 1995, 74, 164-169.	2.6	22
44	Ribosomal DNA is active in different B chromosome variants of the grasshopper Eyprepocnemis plorans. Genetica, 2013, 141, 337-345.	1.1	22
45	Disparate molecular evolution of two types of repetitive DNAs in the genome of the grasshopper Eyprepocnemis plorans. Heredity, 2014, 112, 531-542.	2.6	22
46	Cytological and developmental analysis of tychoparthenogenesis in Locusta migratoria. Heredity, 1995, 75, 485-494.	2.6	21
47	Rapid suppression of drive for a parasitic B chromosome. Cytogenetic and Genome Research, 2004, 106, 338-343.	1.1	20
48	Comparative analysis of rDNA location in five Neotropical gomphocerine grasshopper species. Genetica, 2008, 132, 95-101.	1.1	20
49	Fiber FISH reveals different patterns of high-resolution physical mapping for repetitive DNA in fish. Aquaculture, 2011, 322-323, 47-50.	3.5	20
50	The odd-even effect in mitotically unstable B chromosomes in grasshoppers. Cytogenetic and Genome Research, 2004, 106, 325-331.	1.1	19
51	B chromosomes showing active ribosomal RNA genes contribute insignificant amounts of rRNA in the grasshopper Eyprepocnemis plorans. Molecular Genetics and Genomics, 2014, 289, 1209-1216.	2.1	19
52	The DNA-repair Ku70 protein is located in the nucleus and tail of elongating spermatids in grasshoppers. Chromosome Research, 2007, 15, 1093-1100.	2.2	18
53	Supernumerary segments in five species of grasshoppers (Orthoptera: Acridoidea). Genetica, 1982, 59, 113-117.	1.1	17
54	The B-chromosomes of Locusta migratoria I. Detection of negative correlation between mean chiasma frequency and the rate of accumulation of the B's; a reanalysis of the available data about the transmission of these B-chromosomes. Genetica, 1984, 64, 155-164.	1.1	17

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55	A Widespread B Chromosome Polymorphism Maintained Without Apparent Drive. Evolution; International Journal of Organic Evolution, 1992, 46, 529.	2.3	17
56	Changes in DNA methylation during development in the B chromosome NOR of the grasshopper Eyprepocnemis plorans. Heredity, 1995, 74, 296-302.	2.6	17
57	Chiasma redistribution in presence of supernumerary chromosome segments in grasshoppers: dependence on the size of the extra segment. Heredity, 1987, 58, 409-412.	2.6	16
58	The B chromosomes of the grasshopper Eyprepocnemis plorans and the intragenomic conflict. Genetica, 2003, 117, 77-84.	1.1	16
59	Histone H2AX phosphorylation is associated with most meiotic events in grasshopper. Cytogenetic and Genome Research, 2007, 116, 311-315.	1.1	16
60	Microdissection and Chromosome Painting of X and B Chromosomes in the Grasshopper <i>Eyprepocnemis plorans</i>. Cytogenetic and Genome Research, 2009, 125, 286-291.	1.1	16
61	C-heterochromatin variation in the genus Eumigus (Orthoptera: Pamphagoidea). Genetica, 1981, 56, 185-188.	1.1	15
62	Pericentric Inversion Polymorphism inAiolopus Strepens(Orthoptera: Acrididae): Effects on Chiasma Formation. Caryologia, 1982, 35, 411-424.	0.3	15
63	Male and female segregation distortion for heterochromatic supernumerary segments on the S8 chromosome of the grasshopper Chorthippus jacobsi. Chromosoma, 1992, 101, 511-516.	2.2	15
64	Evolutionary dynamics of a B chromosome invasion in island populations of the grasshopper Eyprepocnemis plorans. Journal of Evolutionary Biology, 2004, 17, 716-719.	1.7	15
65	Quantitative analysis of NOR expression in a B chromosome of the grasshopper Eyprepocnemis plorans. Chromosoma, 2009, 118, 291-301.	2.2	15
66	Prevalence of B chromosomes in Orthoptera is associated with shape and number of A chromosomes. Genetica, 2010, 138, 1181-1189.	1.1	15
67	B1Was the Ancestor B Chromosome Variant in the Western Mediterranean Area in the GrasshopperEyprepocnemis plorans. Cytogenetic and Genome Research, 2014, 142, 54-58.	1.1	15
68	Gene expression changes elicited by a parasitic B chromosome in the grasshopper Eyprepocnemis plorans are consistent with its phenotypic effects. Chromosoma, 2019, 128, 53-67.	2.2	15
69	New hypotheses about the origin of supernumerary chromosome segments in grasshoppers. Heredity, 1987, 58, 341-343.	2.6	14
70	Population differences in the expression of nucleolus organizer regions in the grasshopperEyprepocnemis plorans. Protoplasma, 2001, 217, 185-190.	2.1	14
71	Preferential Occupancy of R2 Retroelements on the B Chromosomes of the Grasshopper Eyprepocnemis plorans. PLoS ONE, 2014, 9, e91820.	2.5	14
72	Dynamics of sperm storage in the grasshopper Eyprepocnemis plorans. Physiological Entomology, 1994, 19, 46-50.	1.5	13

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73	Supernumerary Heterochromatin does not Affect Several Morphological and Physiological Traits in the Grasshopper Eyprepocnemis Plorans. Hereditas, 2004, 126, 187-189.	1.4	12
74	Temporal frequency stability and absence of effects on mating behaviour for an autosomal supernumerary segment in two natural populations of the grasshopperEyprepocnemis plorans. Genome, 1995, 38, 320-324.	2.0	10
75	Achiasmate segregation of X and B univalents in males of the grasshopperEyprepocnemis plorans is independent of previous association. Chromosome Research, 1996, 4, 43-48.	2.2	10
76	Somatic condition determines female mating frequency in a field population of the grasshopper Eyprepocnemis plorans. Heredity, 1997, 79, 524-530.	2.6	10
77	Physical mapping of rDNA and satDNA in A and B chromosomes of the grasshopper <i>Eyprepocnemis plorans</i> from a Greek population. Cytogenetic and Genome Research, 2007, 119, 143-146.	1.1	10
78	Occasional paternal inheritance of the germline-restricted chromosome in songbirds. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	10
79	Karyological Differences between two Species of Grasshopper GenusAcrotylus(Acrididae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.3	9
80	A spontaneous interchange heterozygote mosaic in the grasshopper Stauroderus scalaris: interchromosomal chiasma effects. Heredity, 1985, 54, 235-243.	2.6	9
81	Extra nucleolar activity associated with presence of a supernumerary chromosome segment in the grasshopper Oedipoda fuscocincta. Heredity, 1986, 56, 237-241.	2.6	9
82	Transient Microgeographic Clines during B Chromosome Invasion. American Naturalist, 2015, 186, 675-681.	2.1	9
83	Post-meiotic B chromosome expulsion, during spermiogenesis, in two grasshopper species. Chromosoma, 2017, 126, 633-644.	2.2	9
84	Transcription of a B chromosome CAP-G pseudogene does not influence normal Condensin Complex genes in a grasshopper. Scientific Reports, 2017, 7, 17650.	3.3	9
85	A supernumerary chromosome segment in Locusta migratoria. Genome, 1993, 36, 919-923.	2.0	8
86	Undertransmission of a supernumerary chromosome segment through heterozygous females possessing B chromosomes in the grasshopper Eyprepocnemis plorans. Genome, 1994, 37, 705-709.	2.0	8
87	Negatively assorted gamete fertilization for supernumerary heterochromatin in two grasshopper species. Heredity, 1996, 76, 651-657.	2.6	8
88	Fitness effect analysis of a heterochromatic supernumerary segment in the grasshopper Eyprepocnemis plorans. Chromosome Research, 2000, 8, 425-433.	2.2	8
89	B-A interchanges are an unlikely pathway for B chromosome integration into the standard genome. Chromosome Research, 2003, 11, 115-123.	2.2	8
90	Abnormal Spermatid Formation in the Presence of the Parasitic B₂₄ Chromosome in the Grasshopper <i>Eyprepocnemis plorans</i>. Sexual Development, 2009, 3, 284-289.	2.0	8

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91	Geographical Barriers Impeded the Spread of a Parasitic Chromosome. PLoS ONE, 2015, 10, e0131277.	2.5	8
92	Heterochromatin variants in Baetica ustulata (Orthoptera: Tettigoniidae) analysed by C and G banding. Heredity, 1986, 56, 161-165.	2.6	7
93	Causes of B chromosome variant substitution in the grasshopper Eyprepocnemis plorans. Chromosome Research, 2006, 14, 693-700.	2.2	7
94	Detection of B chromosomes in interphase hemolymph nuclei from living specimens of the grasshopper <i>Eyprepocnemis plorans</i>. Cytogenetic and Genome Research, 2006, 114, 66-69.	1.1	7
95	Effects of B Chromosomes on Egg Fertility and Clutch Size in the GrasshopperEyprepocnemis plorans. Journal of Orthoptera Research, 2010, 19, 197-203.	1.0	7
96	The Ku70 DNA-repair protein is involved in centromere function in a grasshopper species. Chromosome Research, 2013, 21, 393-406.	2.2	7
97	Grasshoppers (Orthoptera). , 2014, , 381-438.		7
98	Population cytogenetics of Chorthippus vagans. II. Reduced meiotic transmission but increased fertilization by males possessing a supernumerary chromosome. Genome, 1987, 29, 285-291.	2.0	6
99	Nucleolus size varies with sex, ploidy and gene dosage in insects. Physiological Entomology, 2012, 37, 145-152.	1.5	6
100	Cytological evidence for either polyspermy or polar-body activation in mosaic embryos of Chorthippus brunneus (Orthoptera, Acrididae). Genetica, 1985, 66, 81-84.	1.1	5
101	Spread of a New Parasitic B Chromosome Variant Is Facilitated by High Gene Flow. PLoS ONE, 2013, 8, e83712.	2.5	5
102	Analysis of a centric shift in the S11 chromosome of Aiolopus strepens (Orthoptera: Acrididae). Genetica, 1986, 70, 211-216.	1.1	4
103	Evidence for Multiple Paternity in Two Natural Populations of the Grasshopper Eyprepocnemis Plorans. Hereditas, 2004, 123, 89-90.	1.4	4
104	Male Sterility in Interspecific Meadow Katydid Hybrids. Hereditas, 2004, 131, 79-82.	1.4	4
105	Level of Heat Shock Proteins Decreases in Individuals Carrying B-Chromosomes in the Grasshopper <i>Eyprepocnemis plorans</i>. Cytogenetic and Genome Research, 2011, 132, 94-99.	1.1	4
106	HP1 knockdown is associated with abnormal condensation of almost all chromatin types in a grasshopper (Eyprepocnemis plorans). Chromosome Research, 2014, 22, 253-266.	2.2	4
107	B Chromosomes in the Grasshopper Eyprepocnemis plorans Are Present in All Body Parts Analyzed and Show Extensive Variation for rDNA Copy Number. Cytogenetic and Genome Research, 2014, 143, 268-274.	1.1	4
108	Population cytogenetics of Chorthippus vagans. I. Polymorphisms for pericentric inversion and for heterochromatin deletion. Genome, 1987, 29, 280-284.	2.0	3

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109	Mating Frequency Increases Somatic Condition but not Productivity in Locusta Migratoria Females. Hereditas, 2004, 126, 53-57.	1.4	3
110	Ribosomal DNA in a Supernumerary Chromosome Segment of the Grasshopper Oedipoda Fuscocincta Confirms its Origin by Translocation. Hereditas, 2004, 129, 15-18.	1.4	3
111	B-chromosome effects on Hsp70 gene expression does not occur at transcriptional level in the grasshopper Eyprepocnemis plorans. Molecular Genetics and Genomics, 2016, 291, 1909-1917.	2.1	3
112	Satellite DNA Is an Inseparable Fellow Traveler of B Chromosomes. Progress in Molecular and Subcellular Biology, 2021, 60, 85-102.	1.6	2
113	Cytological analysis of a spontaneous translocation heterozygote mosaic in Chorthippus binotatus (Orthoptera, Acrididae). Heredity, 1986, 57, 263-266.	2.6	1
114	Inbreeding in a natural population of the grasshopper Chorthippus nevadensis. Heredity, 1987, 58, 57-58.	2.6	1
115	Accidental twins in a monembryonic insect. Genome, 1996, 39, 222-224.	2.0	1
116	Interpopulation spread of a parasitic B chromosome is unlikely through males in the grasshopper Eyprepocnemis plorans. Heredity, 2020, 124, 197-206.	2.6	1
117	Chiasma distribution and centromere orientation in a spontaneous interchange in the grasshopper Chorthippus vagans. Genome, 1986, 28, 913-920.	0.7	0
118	Paracentric inversion in the grasshopper Oedipoda charpentieri. Heredity, 1987, 59, 441-444.	2.6	0
119	Intragenomic distribution of RTE retroelements suggests intrachromosomal movement. Chromosome Research, 2015, 23, 211-223.	2.2	0
120	No harmful effects of a selfish B chromosome on several morphological and physiological traits in Locusta migratoria (Orthoptera, Acrididae). Heredity, 1998, 80, 753-759.	2.6	0