

Josefa Cabrero

List of Publications by Year in descending order

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papers

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201674

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#	ARTICLE	IF	CITATIONS
1	Occasional paternal inheritance of the germline-restricted chromosome in songbirds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	10
2	Satellitome comparison of two oedipodine grasshoppers highlights the contingent nature of satellite DNA evolution. <i>BMC Biology</i> , 2022, 20, 36.	3.8	29
3	Satellite DNA Is an Inseparable Fellow Traveler of B Chromosomes. <i>Progress in Molecular and Subcellular Biology</i> , 2021, 60, 85-102.	1.6	2
4	Interpopulation spread of a parasitic B chromosome is unlikely through males in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 2020, 124, 197-206.	2.6	1
5	Programmed DNA elimination of germline development genes in songbirds. <i>Nature Communications</i> , 2019, 10, 5468.	12.8	66
6	Gene expression changes elicited by a parasitic B chromosome in the grasshopper <i>Eyprepocnemis plorans</i> are consistent with its phenotypic effects. <i>Chromosoma</i> , 2019, 128, 53-67.	2.2	15
7	High-throughput analysis of satellite DNA in the grasshopper <i>Pyrgomorpha conica</i> reveals abundance of homologous and heterologous higher-order repeats. <i>Chromosoma</i> , 2018, 127, 323-340.	2.2	29
8	Quantitative sequence characterization for repetitive DNA content in the supernumerary chromosome of the migratory locust. <i>Chromosoma</i> , 2018, 127, 45-57.	2.2	25
9	Post-meiotic B chromosome expulsion, during spermiogenesis, in two grasshopper species. <i>Chromosoma</i> , 2017, 126, 633-644.	2.2	9
10	Protein-coding genes in B chromosomes of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Scientific Reports</i> , 2017, 7, 45200.	3.3	53
11	Satellite DNA content illuminates the ancestry of a supernumerary (B) chromosome. <i>Chromosoma</i> , 2017, 126, 487-500.	2.2	36
12	Transcription of a B chromosome CAP-G pseudogene does not influence normal Condensin Complex genes in a grasshopper. <i>Scientific Reports</i> , 2017, 7, 17650.	3.3	9
13	High-throughput analysis of the satellitome illuminates satellite DNA evolution. <i>Scientific Reports</i> , 2016, 6, 28333.	3.3	176
14	B-chromosome effects on Hsp70 gene expression does not occur at transcriptional level in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Molecular Genetics and Genomics</i> , 2016, 291, 1909-1917.	2.1	3
15	Geographical Barriers Impeded the Spread of a Parasitic Chromosome. <i>PLoS ONE</i> , 2015, 10, e0131277.	2.5	8
16	Intragenomic distribution of RTE retroelements suggests intrachromosomal movement. <i>Chromosome Research</i> , 2015, 23, 211-223.	2.2	0
17	Transient Microgeographic Clines during B Chromosome Invasion. <i>American Naturalist</i> , 2015, 186, 675-681.	2.1	9
18	Preferential Occupancy of R2 Retroelements on the B Chromosomes of the Grasshopper <i>Eyprepocnemis plorans</i> . <i>PLoS ONE</i> , 2014, 9, e91820.	2.5	14

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19	B chromosomes showing active ribosomal RNA genes contribute insignificant amounts of rRNA in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Molecular Genetics and Genomics</i> , 2014, 289, 1209-1216.	2.1	19
20	B1 Was the Ancestor B Chromosome Variant in the Western Mediterranean Area in the Grasshopper <i>Eyprepocnemis plorans</i> . <i>Cytogenetic and Genome Research</i> , 2014, 142, 54-58.	1.1	15
21	HP1 knockdown is associated with abnormal condensation of almost all chromatin types in a grasshopper (<i>Eyprepocnemis plorans</i>). <i>Chromosome Research</i> , 2014, 22, 253-266.	2.2	4
22	Disparate molecular evolution of two types of repetitive DNAs in the genome of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 2014, 112, 531-542.	2.6	22
23	B Chromosomes in the Grasshopper <i>Eyprepocnemis plorans</i> Are Present in All Body Parts Analyzed and Show Extensive Variation for rDNA Copy Number. <i>Cytogenetic and Genome Research</i> , 2014, 143, 268-274.	1.1	4
24	Grasshoppers (Orthoptera). , 2014, , 381-438.		7
25	The Ku70 DNA-repair protein is involved in centromere function in a grasshopper species. <i>Chromosome Research</i> , 2013, 21, 393-406.	2.2	7
26	Ribosomal DNA is active in different B chromosome variants of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Genetica</i> , 2013, 141, 337-345.	1.1	22
27	Spread of a New Parasitic B Chromosome Variant Is Facilitated by High Gene Flow. <i>PLoS ONE</i> , 2013, 8, e83712.	2.5	5
28	Gypsy, RTE and Mariner transposable elements populate <i>Eyprepocnemis plorans</i> genome. <i>Genetica</i> , 2012, 140, 365-374.	1.1	32
29	Nucleolus size varies with sex, ploidy and gene dosage in insects. <i>Physiological Entomology</i> , 2012, 37, 145-152.	1.5	6
30	B-Chromosome Ribosomal DNA Is Functional in the Grasshopper <i>Eyprepocnemis plorans</i> . <i>PLoS ONE</i> , 2012, 7, e36600.	2.5	42
31	Fiber FISH reveals different patterns of high-resolution physical mapping for repetitive DNA in fish. <i>Aquaculture</i> , 2011, 322-323, 47-50.	3.5	20
32	B Chromosomes and Sex in Animals. <i>Sexual Development</i> , 2011, 5, 155-166.	2.0	42
33	Evolutionary dynamics of 5S rDNA location in acridid grasshoppers and its relationship with H3 histone gene and 45S rDNA location. <i>Genetica</i> , 2011, 139, 921-931.	1.1	53
34	DNA Amount of X and B Chromosomes in the Grasshoppers <i>Eyprepocnemis plorans</i> and <i>Locusta migratoria</i> . <i>Cytogenetic and Genome Research</i> , 2011, 134, 120-126.	1.1	30
35	Level of Heat Shock Proteins Decreases in Individuals Carrying B-Chromosomes in the Grasshopper <i>Eyprepocnemis plorans</i> . <i>Cytogenetic and Genome Research</i> , 2011, 132, 94-99.	1.1	4
36	A Single, Recent Origin of the Accessory B Chromosome of the Grasshopper <i>Eyprepocnemis plorans</i> . <i>Genetics</i> , 2011, 187, 853-863.	2.9	31

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37	B chromosome ancestry revealed by histone genes in the migratory locust. <i>Chromosoma</i> , 2010, 119, 217-225.	2.2	65
38	Prevalence of B chromosomes in Orthoptera is associated with shape and number of A chromosomes. <i>Genetica</i> , 2010, 138, 1181-1189.	1.1	15
39	Effects of B Chromosomes on Egg Fertility and Clutch Size in the Grasshopper <i>Eyprepocnemis plorans</i> . <i>Journal of Orthoptera Research</i> , 2010, 19, 197-203.	1.0	7
40	Quantitative analysis of NOR expression in a B chromosome of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosoma</i> , 2009, 118, 291-301.	2.2	15
41	Microdissection and chromosome painting of X and B chromosomes in <i>Locusta migratoria</i> . <i>Chromosome Research</i> , 2009, 17, 11-18.	2.2	34
42	Chromosome mapping of H3 and H4 histone gene clusters in 35 species of acridid grasshoppers. <i>Chromosome Research</i> , 2009, 17, 397-404.	2.2	69
43	Microdissection and Chromosome Painting of X and B Chromosomes in the Grasshopper <i>Eyprepocnemis plorans</i> . <i>Cytogenetic and Genome Research</i> , 2009, 125, 286-291.	1.1	16
44	Abnormal Spermatid Formation in the Presence of the Parasitic B ₂₄ Chromosome in the Grasshopper <i>Eyprepocnemis plorans</i> . <i>Sexual Development</i> , 2009, 3, 284-289.	2.0	8
45	Possible autosomal origin of macro B chromosomes in two grasshopper species. <i>Chromosome Research</i> , 2008, 16, 233-241.	2.2	26
46	Location and expression of ribosomal RNA genes in grasshoppers: Abundance of silent and cryptic loci. <i>Chromosome Research</i> , 2008, 16, 595-607.	2.2	115
47	Comparative analysis of rDNA location in five Neotropical gomphocerine grasshopper species. <i>Genetica</i> , 2008, 132, 95-101.	1.1	20
48	Differences in ribosomal DNA distribution on A and B chromosomes between eastern and western populations of the grasshopper <i>Eyprepocnemis plorans plorans</i> . <i>Cytogenetic and Genome Research</i> , 2008, 121, 260-265.	1.1	23
49	Histone H2AX phosphorylation is associated with most meiotic events in grasshopper. <i>Cytogenetic and Genome Research</i> , 2007, 116, 311-315.	1.1	16
50	Physical mapping of rDNA and satDNA in A and B chromosomes of the grasshopper <i>Eyprepocnemis plorans</i> from a Greek population. <i>Cytogenetic and Genome Research</i> , 2007, 119, 143-146.	1.1	10
51	Histone H3 lysine 9 acetylation pattern suggests that X and B chromosomes are silenced during entire male meiosis in a grasshopper. <i>Cytogenetic and Genome Research</i> , 2007, 119, 135-142.	1.1	30
52	Nucleolus size variation during meiosis and NOR activity of a B chromosome in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosome Research</i> , 2007, 15, 755-765.	2.2	26
53	The DNA-repair Ku70 protein is located in the nucleus and tail of elongating spermatids in grasshoppers. <i>Chromosome Research</i> , 2007, 15, 1093-1100.	2.2	18
54	Causes of B chromosome variant substitution in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosome Research</i> , 2006, 14, 693-700.	2.2	7

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55	Detection of B chromosomes in interphase hemolymph nuclei from living specimens of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Cytogenetic and Genome Research</i> , 2006, 114, 66-69.	1.1	7
56	Evolutionary dynamics of a B chromosome invasion in island populations of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Journal of Evolutionary Biology</i> , 2004, 17, 716-719.	1.7	15
57	Evidence for Multiple Paternity in Two Natural Populations of the Grasshopper <i>Eyprepocnemis Plorans</i> . <i>Hereditas</i> , 2004, 123, 89-90.	1.4	4
58	Mating Frequency Increases Somatic Condition but not Productivity in <i>Locusta Migratoria</i> Females. <i>Hereditas</i> , 2004, 126, 53-57.	1.4	3
59	Supernumerary Heterochromatin does not Affect Several Morphological and Physiological Traits in the Grasshopper <i>Eyprepocnemis Plorans</i> . <i>Hereditas</i> , 2004, 126, 187-189.	1.4	12
60	Ribosomal DNA in a Supernumerary Chromosome Segment of the Grasshopper <i>Oedipoda Fuscocincta</i> Confirms its Origin by Translocation. <i>Hereditas</i> , 2004, 129, 15-18.	1.4	3
61	Male Sterility in Interspecific Meadow Katydid Hybrids. <i>Hereditas</i> , 2004, 131, 79-82.	1.4	4
62	The odd-even effect in mitotically unstable B chromosomes in grasshoppers. <i>Cytogenetic and Genome Research</i> , 2004, 106, 325-331.	1.1	19
63	Rapid suppression of drive for a parasitic B chromosome. <i>Cytogenetic and Genome Research</i> , 2004, 106, 338-343.	1.1	20
64	Population variation in the A chromosome distribution of satellite DNA and ribosomal DNA in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosome Research</i> , 2003, 11, 375-381.	2.2	30
65	The B chromosomes of the grasshopper <i>Eyprepocnemis plorans</i> and the intragenomic conflict. <i>Genetica</i> , 2003, 117, 77-84.	1.1	16
66	B-A interchanges are an unlikely pathway for B chromosome integration into the standard genome. <i>Chromosome Research</i> , 2003, 11, 115-123.	2.2	8
67	Multiregional origin of B chromosomes in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosoma</i> , 2003, 112, 207-211.	2.2	38
68	Comparative FISH analysis in five species of <i>Eyprepocnemidinae</i> grasshoppers. <i>Heredity</i> , 2003, 90, 377-381.	2.6	28
69	Host recombination is dependent on the degree of parasitism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2173-2177.	2.6	28
70	Population differences in the expression of nucleolus organizer regions in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Protoplasma</i> , 2001, 217, 185-190.	2.1	14
71	Fitness effect analysis of a heterochromatic supernumerary segment in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosome Research</i> , 2000, 8, 425-433.	2.2	8
72	The B chromosome polymorphism of the grasshopper <i>Eyprepocnemis plorans</i> in North Africa. I. B variants and frequency. <i>Heredity</i> , 1999, 83, 428-434.	2.6	34

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73	Common origin of B chromosome variants in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1999, 83, 435-439.	2.6	56
74	Polymorphism Regeneration for a Neutralized Selfish B Chromosome. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 274.	2.3	40
75	No harmful effects of a selfish B chromosome on several morphological and physiological traits in <i>Locusta migratoria</i> (Orthoptera, Acrididae). <i>Heredity</i> , 1998, 80, 753-759.	2.6	0
76	Population Dynamics of A Selfish B Chromosome Neutralized by the Standard Genome in the Grasshopper <i>Eyprepocnemis Plorans</i> . <i>American Naturalist</i> , 1997, 149, 1030-1050.	2.1	105
77	Somatic condition determines female mating frequency in a field population of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1997, 79, 524-530.	2.6	10
78	Geographical distribution of B chromosomes in the grasshopper <i>Eyprepocnemis plorans</i> , along a river basin, is mainly shaped by non-selective historical events. <i>Chromosome Research</i> , 1997, 5, 194-198.	2.2	33
79	Accidental twins in a monembryonic insect. <i>Genome</i> , 1996, 39, 222-224.	2.0	1
80	Achiasmata segregation of X and B univalents in males of the grasshopper <i>Eyprepocnemis plorans</i> is independent of previous association. <i>Chromosome Research</i> , 1996, 4, 43-48.	2.2	10
81	Evidence for B chromosome drive suppression in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1996, 76, 633-639.	2.6	44
82	Negatively assorted gamete fertilization for supernumerary heterochromatin in two grasshopper species. <i>Heredity</i> , 1996, 76, 651-657.	2.6	8
83	Cytological and developmental analysis of tytoparthenogenesis in <i>Locusta migratoria</i> . <i>Heredity</i> , 1995, 75, 485-494.	2.6	21
84	Mitotic instability of B chromosomes during embryo development in <i>Locusta migratoria</i> . <i>Heredity</i> , 1995, 74, 164-169.	2.6	22
85	Changes in DNA methylation during development in the B chromosome NOR of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1995, 74, 296-302.	2.6	17
86	Temporal frequency stability and absence of effects on mating behaviour for an autosomal supernumerary segment in two natural populations of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Genome</i> , 1995, 38, 320-324.	2.0	10
87	Transmission analysis of mitotically unstable B chromosomes in <i>Locusta migratoria</i> . <i>Genome</i> , 1994, 37, 1027-1034.	2.0	27
88	Undertransmission of a supernumerary chromosome segment through heterozygous females possessing B chromosomes in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Genome</i> , 1994, 37, 705-709.	2.0	8
89	Dynamics of sperm storage in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Physiological Entomology</i> , 1994, 19, 46-50.	1.5	13
90	Generating high variability of B chromosomes in <i>Eyprepocnemis plorans</i> (grasshopper). <i>Heredity</i> , 1993, 71, 352-362.	2.6	62

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91	Paternity displacement in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1993, 71, 539-545.	2.6	24
92	A supernumerary chromosome segment in <i>Locusta migratoria</i> . <i>Genome</i> , 1993, 36, 919-923.	2.0	8
93	A Widespread B Chromosome Polymorphism Maintained Without Apparent Drive. <i>Evolution; International Journal of Organic Evolution</i> , 1992, 46, 529.	2.3	17
94	Male and female segregation distortion for heterochromatic supernumerary segments on the S8 chromosome of the grasshopper <i>Chorthippus jacobsi</i> . <i>Chromosoma</i> , 1992, 101, 511-516.	2.2	15
95	A nucleolus organizer region in a B chromosome inactivated by DNA methylation. <i>Chromosoma</i> , 1991, 100, 134-138.	2.2	32
96	Meiotic drive against an autosomal supernumerary segment promoted by the presence of a B chromosome in females of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosoma</i> , 1991, 100, 282-287.	2.2	22
97	Population cytogenetics of <i>Chorthippus vagans</i> . I. Polymorphisms for pericentric inversion and for heterochromatin deletion. <i>Genome</i> , 1987, 29, 280-284.	2.0	3
98	Population cytogenetics of <i>Chorthippus vagans</i> . II. Reduced meiotic transmission but increased fertilization by males possessing a supernumerary chromosome. <i>Genome</i> , 1987, 29, 285-291.	2.0	6
99	Paracentric inversion in the grasshopper <i>Oedipoda charpentieri</i> . <i>Heredity</i> , 1987, 59, 441-444.	2.6	0
100	New hypotheses about the origin of supernumerary chromosome segments in grasshoppers. <i>Heredity</i> , 1987, 58, 341-343.	2.6	14
101	Chiasma redistribution in presence of supernumerary chromosome segments in grasshoppers: dependence on the size of the extra segment. <i>Heredity</i> , 1987, 58, 409-412.	2.6	16
102	Inbreeding in a natural population of the grasshopper <i>Chorthippus nevadensis</i> . <i>Heredity</i> , 1987, 58, 57-58.	2.6	1
103	Analysis of a centric shift in the S11 chromosome of <i>Aiolopus strepens</i> (Orthoptera: Acrididae). <i>Genetica</i> , 1986, 70, 211-216.	1.1	4
104	Effects of supernumerary chromosome segments on the activity of nucleolar organiser regions in the grasshopper <i>Chorthippus binotatus</i> . <i>Chromosoma</i> , 1986, 93, 375-380.	2.2	28
105	Cytological analysis of a spontaneous translocation heterozygote mosaic in <i>Chorthippus binotatus</i> (Orthoptera, Acrididae). <i>Heredity</i> , 1986, 57, 263-266.	2.6	1
106	Heterochromatin variants in <i>Baetica ustulata</i> (Orthoptera: Tettigoniidae) analysed by C and G banding. <i>Heredity</i> , 1986, 56, 161-165.	2.6	7
107	Extra nucleolar activity associated with presence of a supernumerary chromosome segment in the grasshopper <i>Oedipoda fuscocincta</i> . <i>Heredity</i> , 1986, 56, 237-241.	2.6	9
108	Cytogenetic studies in gomphocerine grasshoppers. I. Comparative analysis of chromosome C-banding pattern. <i>Heredity</i> , 1986, 56, 365-372.	2.6	33

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109	Chiasma distribution and centromere orientation in a spontaneous interchange in the grasshopper <i>Chorthippus vagans</i> . <i>Genome</i> , 1986, 28, 913-920.	0.7	0
110	Cytogenetic studies in gomphocerine grasshoppers. II. Chromosomal location of active nucleolar organizing regions. <i>Genome</i> , 1986, 28, 540-544.	0.7	24
111	Cytological evidence for either polyspermy or polar-body activation in mosaic embryos of <i>Chorthippus brunneus</i> (Orthoptera, Acrididae). <i>Genetica</i> , 1985, 66, 81-84.	1.1	5
112	A spontaneous interchange heterozygote mosaic in the grasshopper <i>Stauroderus scalaris</i> : interchromosomal chiasma effects. <i>Heredity</i> , 1985, 54, 235-243.	2.6	9
113	Chiasma redistribution in bivalents carrying supernumerary chromosome segments in grasshoppers. <i>Heredity</i> , 1985, 55, 245-248.	2.6	23
114	C-Heterochromatin content of supernumerary chromosome segments of grasshoppers: Detection of an euchromatic extra segment. <i>Heredity</i> , 1984, 53, 167-175.	2.6	66
115	The B-chromosomes of <i>Locusta migratoria</i> 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. <i>Genetica</i> , 1984, 64, 155-164.	1.1	17
116	Karyological Differences between two Species of Grasshopper Genus <i>Acrotylus</i> (Acrididae): <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td</i>	0.3	9
117	Pericentric Inversion Polymorphism in <i>Aiolopus Strepens</i> (Orthoptera: Acrididae): Effects on Chiasma Formation. <i>Caryologia</i> , 1982, 35, 411-424.	0.3	15
118	Supernumerary segments in five species of grasshoppers (Orthoptera: Acridoidea). <i>Genetica</i> , 1982, 59, 113-117.	1.1	17
119	C-heterochromatin variation in the genus <i>Eumigus</i> (Orthoptera: Pamphagoidea). <i>Genetica</i> , 1981, 56, 185-188.	1.1	15
120	The B-chromosome system of the grasshopper <i>Eyprepocnemis plorans</i> subsp. <i>plorans</i> (Charpentier). <i>Chromosoma</i> , 1980, 80, 163-176.	2.2	64