

Juan Pedro M Camacho

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184
papers

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188
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4,831
ext. citations

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L-index

#	Paper	IF	Citations
184	B-chromosome evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000 , 355, 163-78	5.8	430
183	B Chromosomes 2005 , 223-286		132
182	A geographic selection mosaic in a generalized plant-pollinator-herbivore system. <i>Ecological Monographs</i> , 2009 , 79, 245-263	9	118
181	High-throughput analysis of the satellitome illuminates satellite DNA evolution. <i>Scientific Reports</i> , 2016 , 6, 28333	4.9	114
180	Natural selection on <i>Erysimum mediohispanicum</i> flower shape: insights into the evolution of zygomorphy. <i>American Naturalist</i> , 2006 , 168, 531-45	3.7	108
179	Possible origin of a B chromosome deduced from its DNA composition using double FISH technique. <i>Chromosome Research</i> , 1994 , 2, 87-92	4.4	108
178	Spatial variation in selection on corolla shape in a generalist plant is promoted by the preference patterns of its local pollinators. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 2241-9	4.4	104
177	Location and expression of ribosomal RNA genes in grasshoppers: abundance of silent and cryptic loci. <i>Chromosome Research</i> , 2008 , 16, 595-607	4.4	104
176	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, 1030-50	3.7	100
175	Structural and functional evidence that a B chromosome in the characid fish <i>Astyanax scabripinnis</i> is an isochromosome. <i>Heredity</i> , 2000 , 85 (Pt 1), 1-9	3.6	83
174	Delimiting the origin of a B chromosome by FISH mapping, chromosome painting and DNA sequence analysis in <i>Astyanax paranae</i> (Teleostei, Characiformes). <i>PLoS ONE</i> , 2014 , 9, e94896	3.7	70
173	Sex-ratio distortion associated with the presence of a B chromosome in <i>Astyanax scabripinnis</i> (Teleostei, Characidae). <i>Cytogenetic and Genome Research</i> , 1996 , 74, 70-5	1.9	67
172	C-Heterochromatin content of supernumerary chromosome segments of grasshoppers: Detection of an euchromatic extra segment. <i>Heredity</i> , 1984 , 53, 167-175	3.6	64
171	The B-chromosome system of the grasshopper <i>Eyprepocnemis plorans</i> subsp. <i>plorans</i> (Charpentier). <i>Chromosoma</i> , 1980 , 80, 163-176	2.8	62
170	B chromosome ancestry revealed by histone genes in the migratory locust. <i>Chromosoma</i> , 2010 , 119, 217-28		58
169	Chromosome mapping of H3 and H4 histone gene clusters in 35 species of acridid grasshoppers. <i>Chromosome Research</i> , 2009 , 17, 397-404	4.4	57
168	Generating high variability of B chromosomes in <i>Eyprepocnemis plorans</i> (grasshopper). <i>Heredity</i> , 1993 , 71, 352-362	3.6	56

167	Common origin of B chromosome variants in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1999 , 83, 435-9	3.6	55
166	Association between floral traits and rewards in <i>Erysimum mediohispanicum</i> (Brassicaceae). <i>Annals of Botany</i> , 2008 , 101, 1413-20	4.1	52
165	Local adaptation and maladaptation to pollinators in a generalist geographic mosaic. <i>Ecology Letters</i> , 2009 , 12, 672-82	10	51
164	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, 921-31	1.5	44
163	A step to the gigantic genome of the desert locust: chromosome sizes and repeated DNAs. <i>Chromosoma</i> , 2015 , 124, 263-75	2.8	43
162	Protein-coding genes in B chromosomes of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Scientific Reports</i> , 2017 , 7, 45200	4.9	41
161	Evidence for B chromosome drive suppression in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1996 , 76, 633-639	3.6	41
160	New insights on the origin of B chromosomes in <i>Astyanax scabripinnis</i> obtained by chromosome painting and FISH. <i>Genetica</i> , 2011 , 139, 1073-81	1.5	40
159	Genomics of ecological adaptation in cactophilic <i>Drosophila</i> . <i>Genome Biology and Evolution</i> , 2014 , 7, 349-366	3.8	38
158	Multiregional origin of B chromosomes in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosoma</i> , 2003 , 112, 207-11	2.8	37
157	Polymorphism Regeneration for a Neutralized Selfish B Chromosome. <i>Evolution; International Journal of Organic Evolution</i> , 1998 , 52, 274	3.8	37
156	Repetitive DNAs and differentiation of sex chromosomes in neotropical fishes. <i>Cytogenetic and Genome Research</i> , 2011 , 132, 188-94	1.9	36
155	Frequency increase and mitotic stabilization of a B chromosome in the fish <i>Prochilodus lineatus</i> . <i>Chromosome Research</i> , 2000 , 8, 627-34	4.4	36
154	B-chromosome ribosomal DNA is functional in the grasshopper <i>Eyprepocnemis plorans</i> . <i>PLoS ONE</i> , 2012 , 7, e36600	3.7	36
153	Uncovering the Ancestry of B Chromosomes in <i>Moenkhausia sanctaefilomenae</i> (Teleostei, Characidae). <i>PLoS ONE</i> , 2016 , 11, e0150573	3.7	36
152	Programmed DNA elimination of germline development genes in songbirds. <i>Nature Communications</i> , 2019 , 10, 5468	17.4	36
151	Altitudinal variation for B chromosome frequency in the characid fish <i>Astyanax scabripinnis</i> . <i>Heredity</i> , 2000 , 85 (Pt 2), 136-41	3.6	35
150	Female fitness is increased by frequent mating in grasshoppers. <i>Heredity</i> , 1995 , 74, 654-660	3.6	34

149	Microdissection and chromosome painting of X and B chromosomes in <i>Locusta migratoria</i> . <i>Chromosome Research</i> , 2009 , 17, 11-8	4.4	33
148	The B chromosome polymorphism of the grasshopper <i>Eyprepocnemis plorans</i> in north africa. I. B variants and frequency. <i>Heredity</i> , 1999 , 83, 428-34	3.6	32
147	A single, recent origin of the accessory B chromosome of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Genetics</i> , 2011 , 187, 853-63	4	31
146	Satellite DNA content illuminates the ancestry of a supernumerary (B) chromosome. <i>Chromosoma</i> , 2017 , 126, 487-500	2.8	30
145	Next generation sequencing and FISH reveal uneven and nonrandom microsatellite distribution in two grasshopper genomes. <i>Chromosoma</i> , 2015 , 124, 221-34	2.8	29
144	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, 120-6	1.9	29
143	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, 135-42	1.9	28
142	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, 194-8	4.4	27
141	Comparative FISH analysis in five species of Eyprepocnemidine grasshoppers. <i>Heredity</i> , 2003 , 90, 377-81	3.6	27
140	Cloning and sequence analysis of an extremely homogeneous tandemly repeated DNA in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1995 , 75 (Pt 4), 370-5	3.6	27
139	A nucleolus organizer region in a B chromosome inactivated by DNA methylation. <i>Chromosoma</i> , 1991 , 100, 134-138	2.8	27
138	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	2.8	27
137	Cytogenetic studies in gomphocerine grasshoppers. I. Comparative analysis of chromosome C-banding pattern. <i>Heredity</i> , 1986 , 56, 365-372	3.6	27
136	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, 375-81	4.4	26
135	High-throughput analysis unveils a highly shared satellite DNA library among three species of fish genus <i>Astyanax</i> . <i>Scientific Reports</i> , 2017 , 7, 12726	4.9	25
134	Single origin of sex chromosomes and multiple origins of B chromosomes in fish genus <i>Characidium</i> . <i>PLoS ONE</i> , 2014 , 9, e107169	3.7	25
133	Gypsy, RTE and Mariner transposable elements populate <i>Eyprepocnemis plorans</i> genome. <i>Genetica</i> , 2012 , 140, 365-74	1.5	25
132	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, 755-65	4.4	25

131	A Glimpse into the Satellite DNA Library in Characidae Fish (Teleostei, Characiformes). <i>Frontiers in Genetics</i> , 2017 , 8, 103	4.5	24
130	Host recombination is dependent on the degree of parasitism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002 , 269, 2173-7	4.4	24
129	Transmission analysis of mitotically unstable B chromosomes in <i>Locusta migratoria</i> . <i>Genome</i> , 1994 , 37, 1027-34	2.4	24
128	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, 260-5	1.9	23
127	Possible autosomal origin of macro B chromosomes in two grasshopper species. <i>Chromosome Research</i> , 2008 , 16, 233-41	4.4	23
126	Paternity displacement in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1993 , 71, 539-545	3.6	23
125	B chromosomes and sex in animals. <i>Sexual Development</i> , 2011 , 5, 155-66	1.6	22
124	Ribosomal DNA is active in different B chromosome variants of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Genetica</i> , 2013 , 141, 337-45	1.5	21
123	Integration of a B chromosome into the A genome of a wasp. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001 , 268, 1127-31	4.4	21
122	Mitotic instability of B chromosomes during embryo development in <i>Locusta migratoria</i> . <i>Heredity</i> , 1995 , 74, 164-169	3.6	21
121	Cytogenetic studies in gomphocerine grasshoppers. II. Chromosomal location of active nucleolar organizing regions. <i>Genome</i> , 1986 , 28, 540-544		20
120	Chiasma redistribution in bivalents carrying supernumerary chromosome segments in grasshoppers. <i>Heredity</i> , 1985 , 55, 245-248	3.6	20
119	Origin of B chromosomes in the genus <i>Astyanax</i> (Characiformes, Characidae) and the limits of chromosome painting. <i>Molecular Genetics and Genomics</i> , 2016 , 291, 1407-18	3.1	19
118	Three sympatric karyomorphs in the fish <i>Astyanax fasciatus</i> (Teleostei, Characidae) do not seem to hybridize in natural populations. <i>Comparative Cytogenetics</i> , 2012 , 6, 29-40	1	19
117	Rapid suppression of drive for a parasitic B chromosome. <i>Cytogenetic and Genome Research</i> , 2004 , 106, 338-43	1.9	19
116	The B-chromosome polymorphism of the grasshopper <i>Eyprepocnemis plorans</i> in North Africa: II. Parasitic and neutralized B1 chromosomes. <i>Heredity</i> , 2002 , 88, 14-8	3.6	19
115	Cytological and developmental analysis of tycho-parthenogenesis in <i>Locusta migratoria</i> . <i>Heredity</i> , 1995 , 75, 485-494	3.6	19
114	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	2.8	19

113	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	2.8	18
112	The B chromosome polymorphism of the grasshopper <i>Eyprepocnemis plorans</i> in North Africa: III. mutation rate of B chromosomes. <i>Heredity</i> , 2004 , 92, 428-33	3.6	18
111	U1 snDNA clusters in grasshoppers: chromosomal dynamics and genomic organization. <i>Heredity</i> , 2015 , 114, 207-19	3.6	17
110	Disparate molecular evolution of two types of repetitive DNAs in the genome of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 2014 , 112, 531-42	3.6	17
109	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, 1209-16	3.1	17
108	Chromosomal localization of ribosomal and telomeric DNA provides new insights on the evolution of gomphocerinae grasshoppers. <i>Cytogenetic and Genome Research</i> , 2012 , 138, 36-45	1.9	17
107	Parallel effects of a B chromosome and a mite that decrease female fitness in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 1903-1909	4.4	17
106	A Widespread B Chromosome Polymorphism Maintained Without Apparent Drive. <i>Evolution; International Journal of Organic Evolution</i> , 1992 , 46, 529	3.8	17
105	Eight Million Years of Satellite DNA Evolution in Grasshoppers of the Genus <i>Schistocerca</i> Illuminate the Ins and Outs of the Library Hypothesis. <i>Genome Biology and Evolution</i> , 2020 , 12, 88-102	3.9	16
104	Quantitative sequence characterization for repetitive DNA content in the supernumerary chromosome of the migratory locust. <i>Chromosoma</i> , 2018 , 127, 45-57	2.8	16
103	The DNA-repair Ku70 protein is located in the nucleus and tail of elongating spermatids in grasshoppers. <i>Chromosome Research</i> , 2007 , 15, 1093-100	4.4	16
102	Comparative analysis of rDNA location in five Neotropical gomphocerine grasshopper species. <i>Genetica</i> , 2008 , 132, 95-101	1.5	16
101	The odd-even effect in mitotically unstable B chromosomes in grasshoppers. <i>Cytogenetic and Genome Research</i> , 2004 , 106, 325-31	1.9	16
100	Dynamics of ejaculate nutrient transfer in <i>Locusta migratoria</i> . <i>Heredity</i> , 1994 , 73, 190-197	3.6	16
99	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, 54-8	1.9	15
98	Microdissection and chromosome painting of X and B chromosomes in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Cytogenetic and Genome Research</i> , 2009 , 125, 286-91	1.9	15
97	ANALYSIS OF GENOTYPIC DIFFERENCES IN DEVELOPMENTAL STABILITY IN <i>ANNONA CHERIMOLA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1999 , 53, 1396-1405	3.8	15
96	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	3.6	15

95	Supernumerary segments in five species of grasshoppers (Orthoptera: Acridoidea). <i>Genetica</i> , 1982 , 59, 113-117	1.5	15
94	Population genetic structure of the grasshopper <i>Eyprepocnemis plorans</i> in the south and east of the Iberian Peninsula. <i>PLoS ONE</i> , 2013 , 8, e59041	3.7	15
93	Quantitative analysis of NOR expression in a B chromosome of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosoma</i> , 2009 , 118, 291-301	2.8	14
92	Histone H2AX phosphorylation is associated with most meiotic events in grasshopper. <i>Cytogenetic and Genome Research</i> , 2007 , 116, 311-5	1.9	14
91	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	3.6	14
90	The B-chromosomes of <i>Locusta migratoria</i> I. Detection of negative correlation between mean chiasma frequency and the rate of accumulation of the BS; a reanalysis of the available data about the transmission of these B-chromosomes. <i>Genetica</i> , 1984 , 64, 155-164	1.5	14
89	C-heterochromatin variation in the genus <i>Eumigus</i> (Orthoptera: Pamphagoidea). <i>Genetica</i> , 1981 , 56, 185-188	1.5	14
88	Preferential occupancy of R2 retroelements on the B chromosomes of the grasshopper <i>Eyprepocnemis plorans</i> . <i>PLoS ONE</i> , 2014 , 9, e91820	3.7	13
87	Fiber FISH reveals different patterns of high-resolution physical mapping for repetitive DNA in fish. <i>Aquaculture</i> , 2011 , 322-323, 47-50	4.4	13
86	Prevalence of B chromosomes in Orthoptera is associated with shape and number of A chromosomes. <i>Genetica</i> , 2010 , 138, 1181-9	1.5	13
85	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, 716-9	2.3	13
84	Are the dot-like chromosomes in <i>Trinomys iheringi</i> (Rodentia, Echimyidae) B chromosomes?. <i>Cytogenetic and Genome Research</i> , 2004 , 106, 159-64	1.9	13
83	The B chromosomes of the grasshopper <i>Eyprepocnemis plorans</i> and the intragenomic conflict. <i>Genetica</i> , 2003 , 117, 77-84	1.5	13
82	Integration of a B chromosome into the A genome of a wasp, revisited. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002 , 269, 1475-8	4.4	13
81	Analysis of Genotypic Differences in Developmental Stability in <i>Annona cherimola</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1999 , 53, 1396	3.8	13
80	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, 511-6	2.8	13
79	Possible introgression of B chromosomes between bee species (Genus <i>Partamona</i>). <i>Cytogenetic and Genome Research</i> , 2014 , 144, 220-6	1.9	12
78	Population differences in the expression of nucleolus organizer regions in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Protoplasma</i> , 2001 , 217, 185-90	3.4	12

77	New hypotheses about the origin of supernumerary chromosome segments in grasshoppers. <i>Heredity</i> , 1987 , 58, 341-343	3.6	12
76	Pericentric Inversion Polymorphism in <i>Aiolopus Strepens</i> (Orthoptera: Acrididae): Effects on Chiasma Formation. <i>Caryologia</i> , 1982 , 35, 411-424		12
75	Dynamics of sperm storage in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Physiological Entomology</i> , 1994 , 19, 46-50	1.9	11
74	Polysomy in <i>Omocestus bolivari</i> : endophenotypic effects and suppression of nucleolar organizing region activity in the extra autosomes. <i>Genome</i> , 1984 , 26, 547-556		11
73	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	2.8	11
72	Satellite DNA content of B chromosomes in the characid fish <i>Characidium gomesi</i> supports their origin from sex chromosomes. <i>Molecular Genetics and Genomics</i> , 2020 , 295, 195-207	3.1	11
71	Development of a SCAR marker for the analysis of B chromosome presence in <i>Partamona helleri</i> (Hymenoptera, Apidae). <i>Cytogenetic and Genome Research</i> , 2007 , 116, 127-9	1.9	10
70	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, 143-6	1.9	10
69	Hermaphroditism can compensate for the sex ratio in the <i>Astyanax scabripinnis</i> species complex (Teleostei: Characidae): expanding the B chromosome study model. <i>Reviews in Fish Biology and Fisheries</i> , 2017 , 27, 681-689	6	9
68	Somatic condition determines female mating frequency in a field population of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Heredity</i> , 1997 , 79, 524-530	3.6	9
67	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, 320-4	2.4	9
66	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	3.6	9
65	The B chromosomes of <i>Locusta migratoria</i> . III. Effects on the activity of nucleolar organizer regions. <i>Genome</i> , 1988 , 30, 387-394	2.4	9
64	Transient Microgeographic Clines during B Chromosome Invasion. <i>American Naturalist</i> , 2015 , 186, 675-81	3.7	8
63	Geographical Barriers Impeded the Spread of a Parasitic Chromosome. <i>PLoS ONE</i> , 2015 , 10, e0131277	3.7	8
62	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, 284-9	1.6	8
61	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, 43-8	4.4	8
60	Negatively assorted gamete fertilization for supernumerary heterochromatin in two grasshopper species. <i>Heredity</i> , 1996 , 76, 651-657	3.6	8

59	A supernumerary chromosome segment in <i>Locusta migratoria</i> . <i>Genome</i> , 1993 , 36, 919-23	2.4	8
58	Karyological Differences between two Species of Grasshopper Genus <i>Acrotylus</i> (Acrididae: Oedipodinae). <i>Caryologia</i> , 1983 , 36, 121-127		8
57	A spontaneous interchange heterozygote mosaic in the grasshopper <i>Stauroderus scalaris</i> : interchromosomal chiasma effects. <i>Heredity</i> , 1985 , 54, 235-243	3.6	8
56	Polysomy and supernumerary isochromosomes in the grasshopper <i>Omocestus bolivari</i> (Chopard). <i>Heredity</i> , 1981 , 46, 123-126	3.6	8
55	Evolutionary success of a parasitic B chromosome rests on gene content		8
54	Phylogenetic signal of genomic repeat abundances can be distorted by random homoplasmy: a case study from hominid primates. <i>Zoological Journal of the Linnean Society</i> , 2019 , 185, 543-554	2.4	7
53	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	4.9	7
52	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, 66-9	1.9	7
51	Causes of B chromosome variant substitution in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosome Research</i> , 2006 , 14, 693-700	4.4	7
50	Supernumerary Heterochromatin does not Affect Several Morphological and Physiological Traits in the Grasshopper <i>Eyprepocnemis Plorans</i> . <i>Hereditas</i> , 2004 , 126, 187-189	2.4	7
49	Spatio-temporal dynamics of a neutralized B chromosome in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Cytogenetic and Genome Research</i> , 2004 , 106, 376-85	1.9	7
48	Genetic load caused by variation in the amount of rDNA in a wasp. <i>Chromosome Research</i> , 2002 , 10, 607-134	1.4	7
47	B-A interchanges are an unlikely pathway for B chromosome integration into the standard genome. <i>Chromosome Research</i> , 2003 , 11, 115-23	4.4	7
46	Fitness effect analysis of a heterochromatic supernumerary segment in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Chromosome Research</i> , 2000 , 8, 425-33	4.4	7
45	Undertransmission of a supernumerary chromosome segment through heterozygous females possessing B chromosomes in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Genome</i> , 1994 , 37, 705-9	2.4	7
44	Post-meiotic B chromosome expulsion, during spermiogenesis, in two grasshopper species. <i>Chromosoma</i> , 2017 , 126, 633-644	2.8	6
43	The Ku70 DNA-repair protein is involved in centromere function in a grasshopper species. <i>Chromosome Research</i> , 2013 , 21, 393	4.4	6
42	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	6

41	Female-Biased Sex Ratio in Spiders Caused by Parthenogenesis?. <i>Hereditas</i> , 2004 , 120, 183-185	2.4	6
40	The B chromosome system of <i>Omocestus bolivari</i> : changes in B-behaviour in M4-polysomic B-males. <i>Heredity</i> , 1985 , 54, 385-390	3.6	6
39	Heterochromatin variants in <i>Baetica ustulata</i> (Orthoptera: Tettigoniidae) analysed by C and G banding. <i>Heredity</i> , 1986 , 56, 161-165	3.6	5
38	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	2.4	5
37	The B chromosomes of <i>Locusta migratoria</i> . II. Effects on chiasma frequency. <i>Genome</i> , 1988 , 30, 118-123	2.4	5
36	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	1.5	5
35	Satellitome comparison of two oedipodine grasshoppers highlights the contingent nature of satellite DNA evolution.. <i>BMC Biology</i> , 2022 , 20, 36	7.3	5
34	Long-term persistence of supernumerary B chromosomes in multiple species of <i>Astyanax</i> fish. <i>BMC Biology</i> , 2021 , 19, 52	7.3	5
33	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- 74 ⁷⁹	7.4	4
32	Nucleolus size varies with sex, ploidy and gene dosage in insects. <i>Physiological Entomology</i> , 2012 , 37, 145-152	1.9	4
31	Spread of a new parasitic B chromosome variant is facilitated by high gene flow. <i>PLoS ONE</i> , 2013 , 8, e83712	3.1	4
30	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, 94-9	1.9	4
29	Evidence for Multiple Paternity in Two Natural Populations of the Grasshopper <i>Eyprepocnemis Plorans</i> . <i>Hereditas</i> , 2004 , 123, 89-90	2.4	4
28	Male Sterility in Interspecific Meadow Katydid Hybrids. <i>Hereditas</i> , 2004 , 131, 79-82	2.4	4
27	The B chromosome polymorphism of the grasshopper <i>Eyprepocnemis plorans</i> in North Africa. IV. Transmission of rare B chromosome variants. <i>Cytogenetic and Genome Research</i> , 2004 , 106, 332-7	1.9	4
26	Occasional paternal inheritance of the germline-restricted chromosome in songbirds		4
25	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, 1909-17	3.1	3
24	Long-term monitoring of B-chromosome invasion and neutralization in a population of <i>Prospero autumnale</i> (Asparagaceae). <i>Evolution; International Journal of Organic Evolution</i> , 2018 , 72, 1216-1224	3.8	3

23	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, 253-66	4.4	3
22	Common descent of B chromosomes in two species of the fish genus <i>Prochilodus</i> (Characiformes, Prochilodontidae). <i>Cytogenetic and Genome Research</i> , 2013 , 141, 206-11	1.9	3
21	Investment is the best cure for inbreeding. <i>Nature</i> , 2001 , 413, 107	50.4	3
20	Analysis of a centric shift in the S11 chromosome of <i>Aiolopus strepens</i> (Orthoptera: Acrididae). <i>Genetica</i> , 1986 , 70, 211-216	1.5	3
19	Population cytogenetics of <i>Chorthippus vagans</i> . I. Polymorphisms for pericentric inversion and for heterochromatin deletion. <i>Genome</i> , 1987 , 29, 280-284	2.4	3
18	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,	11.5	3
17	Non-random expression of ribosomal DNA units in a grasshopper showing high intragenomic variation for the ITS2 region. <i>Insect Molecular Biology</i> , 2015 , 24, 319-30	3.4	2
16	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	2.4	2
15	Effects and maintenance of a pericentric inversion polymorphism in the grasshopper <i>Aiolopus strepens</i> . <i>Heredity</i> , 1991 , 66, 325-331	3.6	2
14	Out of patterns, the euchromatic B chromosome of the grasshopper <i>Abracris flavolineata</i> is not enriched in high-copy repeats. <i>Heredity</i> , 2021 , 127, 475-483	3.6	2
13	Mating Frequency Increases Somatic Condition but not Productivity in <i>Locusta migratoria</i> Females. <i>Hereditas</i> , 2004 , 126, 53-57	2.4	1
12	Accidental twins in a monembryonic insect. <i>Genome</i> , 1996 , 39, 222-4	2.4	1
11	Inbreeding in a natural population of the grasshopper <i>Chorthippus nevadensis</i> . <i>Heredity</i> , 1987 , 58, 57-58	3.6	1
10	Comment on Schielzeth et al. (2014): "Genome size variation affects song attractiveness in grasshoppers: Evidence for sexual selection against large genomes". <i>Evolution; International Journal of Organic Evolution</i> , 2016 , 70, 1428-30	3.8	1
9	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	3.6	1
8	Satellite DNA Is an Inseparable Fellow Traveler of B Chromosomes. <i>Progress in Molecular and Subcellular Biology</i> , 2021 , 60, 85-102	3	1
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