

Jesus Page

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Involvement of the cohesin Rad21 and SCP3 in monopolar attachment of sister kinetochores during mouse meiosis I. <i>Journal of Cell Science</i> , 2004, 117, 1221-1234.	2.0	149
2	Squash procedure for protein immunolocalization in meiotic cells. <i>Chromosome Research</i> , 1998, 6, 639-642.	2.2	123
3	A High Incidence of Meiotic Silencing of Unsynapsed Chromatin Is Not Associated with Substantial Pachytene Loss in Heterozygous Male Mice Carrying Multiple Simple Robertsonian Translocations. <i>PLoS Genetics</i> , 2009, 5, e1000625.	3.5	90
4	The Robertsonian phenomenon in the house mouse: mutation, meiosis and speciation. <i>Chromosoma</i> , 2014, 123, 529-544.	2.2	90
5	Inactivation or non-reactivation: what accounts better for the silence of sex chromosomes during mammalian male meiosis?. <i>Chromosoma</i> , 2012, 121, 307-326.	2.2	87
6	The pairing of X and Y chromosomes during meiotic prophase in the marsupial species <i>Thylamys elegans</i> is maintained by a dense plate developed from their axial elements. <i>Journal of Cell Science</i> , 2003, 116, 551-560.	2.0	79
7	Dynamic relocalization of the chromosomal passenger complex proteins inner centromere protein (INCENP) and aurora-B kinase during male mouse meiosis. <i>Journal of Cell Science</i> , 2003, 116, 961-974.	2.0	74
8	Meiotic Pairing and Segregation of Achiasmata Sex Chromosomes in Eutherian Mammals: The Role of SYCP3 Protein. <i>PLoS Genetics</i> , 2007, 3, e198.	3.5	73
9	Meiotic behaviour of holocentric chromosomes: orientation and segregation of autosomes in <i>Triatoma infestans</i> (Heteroptera). <i>Chromosome Research</i> , 1997, 5, 47-56.	2.2	63
10	Transition from a meiotic to a somatic-like DNA damage response during the pachytene stage in mouse meiosis. <i>PLoS Genetics</i> , 2019, 15, e1007439.	3.5	59
11	Inverted Meiosis: The True Bugs as a Model to Study. <i>Genome Dynamics</i> , 2008, 5, 137-156.	2.4	52
12	Involvement of Synaptonemal Complex Proteins in Sex Chromosome Segregation during Marsupial Male Meiosis. <i>PLoS Genetics</i> , 2006, 2, e136.	3.5	49
13	Sex chromosomes, synapsis, and cohesins: a complex affair. <i>Chromosoma</i> , 2006, 115, 250-259.	2.2	42
14	The Program of Sex Chromosome Pairing in Meiosis Is Highly Conserved Across Marsupial Species. <i>Genetics</i> , 2005, 170, 793-799.	2.9	40
15	DNA double-strand breaks, recombination and synapsis: the timing of meiosis differs in grasshoppers and flies. <i>EMBO Reports</i> , 2004, 5, 385-391.	4.5	39
16	Meiosis in holocentric chromosomes: orientation and segregation of an autosome and sex chromosomes in <i>Triatoma infestans</i> (Heteroptera). <i>Chromosome Research</i> , 2000, 8, 17-25.	2.2	38
17	Robertsonian chromosomes and the nuclear architecture of mouse meiotic prophase spermatocytes. <i>Biological Research</i> , 2014, 47, 16.	3.4	35
18	Expression and behaviour of CENP-E at kinetochores during mouse spermatogenesis. <i>Chromosoma</i> , 2002, 111, 53-61.	2.2	33

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19	Meiotic sister chromatid cohesion in holocentric sex chromosomes of three heteropteran species is maintained in absence of axial elements. <i>Chromosoma</i> , 2000, 109, 35-43.	2.2	31
20	DNA double-strand breaks and homology search: inferences from a species with incomplete pairing and synapsis. <i>Journal of Cell Science</i> , 2005, 118, 2957-2963.	2.0	31
21	A Perikinetochoric Ring Defined by MCAK and Aurora-B as a Novel Centromere Domain. <i>PLoS Genetics</i> , 2006, 2, e84.	3.5	26
22	Model of chromosome associations in <i>Mus domesticus</i> spermatocytes. <i>Biological Research</i> , 2010, 43, .	3.4	25
23	Number and Nuclear Localisation of Nucleoli in Mammalian Spermatocytes. <i>Genetica</i> , 2004, 121, 219-228.	1.1	23
24	Sequential Loading of Cohesin Subunits during the First Meiotic Prophase of Grasshoppers. <i>PLoS Genetics</i> , 2007, 3, e28.	3.5	23
25	A synaptonemal complex-derived mechanism for meiotic segregation precedes the evolutionary loss of homology between sex chromosomes in arvicolid mammals. <i>Chromosoma</i> , 2012, 121, 433-446.	2.2	21
26	Model of chromosome associations in <i>Mus domesticus</i> spermatocytes. <i>Biological Research</i> , 2010, 43, 275-85.	3.4	21
27	X and B chromosomes display similar meiotic characteristics in male grasshoppers. <i>Cytogenetic and Genome Research</i> , 2004, 106, 302-308.	1.1	19
28	Distribution of repetitive DNAs and the hybrid origin of the red vizcacha rat (<i>Octodontidae</i>). <i>Genome</i> , 2012, 55, 105-117.	2.0	18
29	Dynamic relocation of telomere complexes in mouse meiotic chromosomes. <i>Chromosome Research</i> , 2003, 11, 797-807.	2.2	17
30	Meiotic behavior of a complex hexavalent in heterozygous mice for Robertsonian translocations: insights for synapsis dynamics. <i>Chromosoma</i> , 2019, 128, 149-163.	2.2	16
31	Meiosis reveals the early steps in the evolution of a neo-XY sex chromosome pair in the African pygmy mouse <i>Mus minutoides</i> . <i>PLoS Genetics</i> , 2020, 16, e1008959.	3.5	13
32	Cohesin axis maturation and presence of RAD51 during first meiotic prophase in a true bug. <i>Chromosoma</i> , 2009, 118, 575-589.	2.2	10
33	Robertsonian chromosome polymorphism of <i>Akodon molinae</i> (Rodentia: Sigmodontinae): analysis of trivalents in meiotic prophase. <i>Revista Chilena De Historia Natural</i> , 2001, 74, 107.	1.2	9
34	Transcription reactivation during the first meiotic prophase in bugs is not dependent on synapsis. <i>Chromosoma</i> , 2017, 126, 179-194.	2.2	9
35	Meiotic Behavior of Achiasmate Sex Chromosomes in the African Pygmy Mouse <i>Mus mattheyi</i> Offers New Insights into the Evolution of Sex Chromosome Pairing and Segregation in Mammals. <i>Genes</i> , 2021, 12, 1434.	2.4	9
36	Strategies for meiotic sex chromosome dynamics and telomeric elongation in Marsupials. <i>PLoS Genetics</i> , 2022, 18, e1010040.	3.5	9

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37	The frequency of heterologous synapsis increases with aging in Robertsonian heterozygous male mice. <i>Chromosome Research</i> , 2012, 20, 269-278.	2.2	8
38	Aneuploidy in spermatids of Robertsonian (Rb) chromosome heterozygous mice. <i>Chromosome Research</i> , 2014, 22, 545-557.	2.2	8
39	Chromatin Organization and Remodeling of Interstitial Telomeric Sites During Meiosis in the Mongolian Gerbil (<i>Meriones unguiculatus</i>). <i>Genetics</i> , 2014, 197, 1137-1151.	2.9	8
40	Sex differences in the meiotic behavior of an XX sex chromosome pair in males and females of the mole vole <i>Ellobius tancrei</i> : turning an X into a Y chromosome?. <i>Chromosoma</i> , 2021, 130, 113-131.	2.2	8
41	Marsupial Sex Chromosome Behaviour During Male Meiosis. , 2010, , 187-206.		8
42	Incomplete Synapsis and Chiasma Localization: The Chicken or the Egg?. <i>Cytogenetic and Genome Research</i> , 2010, 128, 139-151.	1.1	7
43	Dynamics of cohesin subunits in grasshopper meiotic divisions. <i>Chromosoma</i> , 2013, 122, 77-91.	2.2	6
44	Bivalent Associations in <i>Mus domesticus</i> $2n=40$ Spermatocytes. Are They Random?. <i>Bulletin of Mathematical Biology</i> , 2014, 76, 1941-1952.	1.9	6
45	Epigenetic Dysregulation of Mammalian Male Meiosis Caused by Interference of Recombination and Synapsis. <i>Cells</i> , 2021, 10, 2311.	4.1	6
46	The osmium tetroxide-p-phenylenediamine procedure reveals the chromatid cores and kinetochores of meiotic chromosomes by light and electron microscopy.. <i>Journal of Histochemistry and Cytochemistry</i> , 1996, 44, 1279-1288.	2.5	5
47	Hexavalents in spermatocytes of Robertsonian heterozygotes between <i>Mus m. domesticus</i> $2n=26$ from the Vulcano and Lipari Islands (Aeolian Archipelago, Italy). <i>European Journal of Histochemistry</i> , 2018, 62, 2894.	1.5	5
48	X Chromosome Inactivation during Grasshopper Spermatogenesis. <i>Genes</i> , 2021, 12, 1844.	2.4	4
49	Haspin participates in AURKB recruitment to centromeres and contributes to chromosome congression in male mouse meiosis. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	2
50	Meiotic pairing and segregation of achiasmate sex chromosomes in eutherian mammals: the role of SYCP3 protein. <i>PLoS Genetics</i> , 2005, preprint, e198.	3.5	0