

# Josã© A Suja

## List of Publications by Year in descending order

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59  
papers

2,550  
citations

172457

29  
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62  
docs citations

62  
times ranked

2116  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian STAG3 is a cohesin specific to sister chromatid arms in meiosis I. <i>Nature Cell Biology</i> , 2001, 3, 761-766.	10.3	237
2	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
3	Shugoshin-2 is essential for the completion of meiosis but not for mitotic cell division in mice. <i>Genes and Development</i> , 2008, 22, 2400-2413.	5.9	147
4	The cohesin subunit RAD21L functions in meiotic synapsis and exhibits sexual dimorphism in fertility. <i>EMBO Journal</i> , 2011, 30, 3091-3105.	7.8	138
5	Squash procedure for protein immunolocalization in meiotic cells. <i>Chromosome Research</i> , 1998, 6, 639-642.	2.2	123
6	CDK2 is required for proper homologous pairing, recombination and sex-body formation during male mouse meiosis. <i>Journal of Cell Science</i> , 2009, 122, 2149-2159.	2.0	99
7	CEP63 deficiency promotes p53-dependent microcephaly and reveals a role for the centrosome in meiotic recombination. <i>Nature Communications</i> , 2015, 6, 7676.	12.8	96
8	Mammalian SGO2 appears at the inner centromere domain and redistributes depending on tension across centromeres during meiosis II and mitosis. <i>EMBO Reports</i> , 2007, 8, 173-180.	4.5	84
9	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
10	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
11	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
12	Identification and molecular characterization of the mammalian kleisin RAD21L. <i>Cell Cycle</i> , 2011, 10, 1477-1487.	2.6	69
13	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
14	CDK2 regulates nuclear envelope protein dynamics and telomere attachment in mouse meiotic prophase. <i>Journal of Cell Science</i> , 2015, 128, 88-99.	2.0	58
15	Melosis in holocentric chromosomes: Kinetic activity is randomly restricted to the chromatid ends of sex univalents in <i>Graphosoma italicum</i> (Heteroptera). <i>Chromosome Research</i> , 1996, 4, 124-132.	2.2	57
16	Essential role of the Cdk2 activator RingoA in meiotic telomere tethering to the nuclear envelope. <i>Nature Communications</i> , 2016, 7, 11084.	12.8	57
17	Dynamic localization of SMC5/6 complex proteins during mammalian meiosis and mitosis implies functions in distinct chromosome processes. <i>Journal of Cell Science</i> , 2013, 126, 4239-52.	2.0	52
18	Involvement of Synaptonemal Complex Proteins in Sex Chromosome Segregation during Marsupial Male Meiosis. <i>PLoS Genetics</i> , 2006, 2, e136.	3.5	49

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19	Sequential Assembly of Centromeric Proteins in Male Mouse Meiosis. <i>PLoS Genetics</i> , 2009, 5, e1000417.	3.5	43
20	Mps1 kinase-dependent Sgo2 centromere localisation mediates cohesin protection in mouse oocyte meiosis I. <i>Nature Communications</i> , 2017, 8, 694.	12.8	43
21	Sex chromosomes, synapsis, and cohesins: a complex affair. <i>Chromosoma</i> , 2006, 115, 250-259.	2.2	42
22	Cohesin Complexes and Sister Chromatid Cohesion in Mammalian Meiosis. <i>Genome Dynamics</i> , 2008, 5, 94-116.	2.4	42
23	The Program of Sex Chromosome Pairing in Meiosis Is Highly Conserved Across Marsupial Species. <i>Genetics</i> , 2005, 170, 793-799.	2.9	40
24	Involvement of chromatid cohesiveness at the centromere and chromosome arms in meiotic chromosome segregation: A cytological approach. <i>Chromosoma</i> , 1992, 101, 493-501.	2.2	39
25	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
26	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
27	Condensin I Reveals New Insights on Mouse Meiotic Chromosome Structure and Dynamics. <i>PLoS ONE</i> , 2007, 2, e783.	2.5	35
28	Expression and behaviour of CENP-E at kinetochores during mouse spermatogenesis. <i>Chromosoma</i> , 2002, 111, 53-61.	2.2	33
29	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
30	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
31	Cohesin removal precedes topoisomerase II $\pm$ -dependent decatenation at centromeres in male mammalian meiosis II. <i>Chromosoma</i> , 2014, 123, 129-146.	2.2	28
32	Sororin loads to the synaptonemal complex central region independently of meiotic cohesin complexes. <i>EMBO Reports</i> , 2016, 17, 695-707.	4.5	27
33	A Perikinetochoic Ring Defined by MCAK and Aurora-B as a Novel Centromere Domain. <i>PLoS Genetics</i> , 2006, 2, e84.	3.5	26
34	<sc>PDS</sc> 5 proteins regulate the length of axial elements and telomere integrity during male mouse meiosis. <i>EMBO Reports</i> , 2020, 21, e49273.	4.5	24
35	Sequential Loading of Cohesin Subunits during the First Meiotic Prophase of Grasshoppers. <i>PLoS Genetics</i> , 2007, 3, e28.	3.5	23
36	Localisation of the SMC loading complex Nipbl/Mau2 during mammalian meiotic prophase I. <i>Chromosoma</i> , 2014, 123, 239-252.	2.2	23

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37	Relative distribution of rDNA and proteins of the RNA polymerase I transcription machinery at chromosomal NORs. <i>Chromosoma</i> , 1997, 105, 459-469.	2.2	20
38	PLK1 regulates centrosome migration and spindle dynamics in male mouse meiosis. <i>EMBO Reports</i> , 2021, 22, e51030.	4.5	20
39	X and B chromosomes display similar meiotic characteristics in male grasshoppers. <i>Cytogenetic and Genome Research</i> , 2004, 106, 302-308.	1.1	19
40	Ultrastructural detection of kinetochores by silver impregnation. <i>Chromosome Research</i> , 1994, 2, 369-375.	2.2	18
41	A cytogenetic analysis in <i>Psophus stridulus</i> (L.) (Orthoptera: Acrididae): B-chromosomes and abnormal spermatid nuclei. <i>Genetica</i> , 1986, 70, 217-224.	1.1	17
42	Supernumerary heterochromatic segments associated with the nucleolar chromosomes of <i>Pyrgomorpha conica</i> (Orthoptera) contain methylated rDNA sequences. <i>Chromosoma</i> , 1993, 102, 491-499.	2.2	17
43	Dynamic relocation of telomere complexes in mouse meiotic chromosomes. <i>Chromosome Research</i> , 2003, 11, 797-807.	2.2	17
44	<i>Drosophila</i> cohesins DSA1 and Drad21 persist and colocalize along the centromeric heterochromatin during mitosis. <i>Biology of the Cell</i> , 2004, 96, 457-462.	2.0	15
45	The telochore: A telomeric differentiation of the chromosome axis. <i>Chromosome Research</i> , 1994, 2, 361-368.	2.2	14
46	Nucleolar cycle and localization of NORs in early embryos of <i>Parascaris univalens</i> . <i>Chromosoma</i> , 1995, 104, 287-297.	2.2	11
47	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
48	Colchicine promotes a change in chromosome structure without loss of sister chromatid cohesion in prometaphase I-arrested bivalents. <i>Chromosoma</i> , 2001, 110, 478-486.	2.2	9
49	Nucleolar meiotic cycle in orthoptera. <i>Cell Biology International Reports</i> , 1987, 11, 289-299.	0.6	8
50	Size heterogeneity of telomeric DNA in mouse meiotic chromosomes. <i>Cytogenetic and Genome Research</i> , 2002, 98, 221-224.	1.1	8
51	Incomplete Synapsis and Chiasma Localization: The Chicken or the Egg?. <i>Cytogenetic and Genome Research</i> , 2010, 128, 139-151.	1.1	7
52	Supernumerary chromosome segments and intrabivalent chiasma redistribution in <i>Pyrgomorpha conica</i> (Orthoptera). <i>Heredity</i> , 1994, 73, 1-10.	2.6	6
53	Dynamics of cohesin subunits in grasshopper meiotic divisions. <i>Chromosoma</i> , 2013, 122, 77-91.	2.2	6
54	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

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55	Pycnotic cycle of the sex chromosome of <i>Pyrgomorpha conica</i> (Orthoptera) and development of spermiogenesis. <i>Genome</i> , 1993, 36, 535-541.	2.0	4
56	The Ag-NOR proteins present a crescent-shaped distribution at the secondary constrictions of metaphase PtK <sub>1</sub> chromosomes. <i>Cytogenetic and Genome Research</i> , 1996, 75, 155-158.	1.1	4
57	Fighting of Casein kinase 1 and PP2A/Shugoshin for cohesins during meiosis I. <i>Cell Cycle</i> , 2010, 9, 2954-2962.	2.6	2
58	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
59	Chromatid Cores in Meiotic Chromosome Structure and Segregation. , 2007, , 31-56.		0