Rocio Gomez

List of Publications by Year
in descending order

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28 papers	1,198 citations	394421 19 h-index	526287 27 g-index
31 all docs	31 docs citations	31 times ranked	1368 citing authors

#	Article	IF	Citations
1	Haspin participates in AURKB recruitment to centromeres and contributes to chromosome congression in male mouse meiosis. Journal of Cell Science, 2022, 135, .	2.0	2
2	PLK1 regulates centrosome migration and spindle dynamics in male mouse meiosis. EMBO Reports, 2021, 22, e51030.	4.5	20
3	Distinct Gene Expression Patterns of Two Heat Shock Protein 70 Members During Development, Diapause, and Temperature Stress in the Freshwater Crustacean Daphnia magna. Frontiers in Cell and Developmental Biology, 2021, 9, 692517.	3.7	3
4	Meiotic Behavior of Achiasmate Sex Chromosomes in the African Pygmy Mouse Mus mattheyi Offers New Insights into the Evolution of Sex Chromosome Pairing and Segregation in Mammals. Genes, 2021, 12, 1434.	2.4	9
5	Epigenetic Dysregulation of Mammalian Male Meiosis Caused by Interference of Recombination and Synapsis. Cells, 2021, 10, 2311.	4.1	6
6	<scp>PDS</scp> 5 proteins regulate the length of axial elements and telomere integrity during male mouse meiosis. EMBO Reports, 2020, 21, e49273.	4.5	24
7	Mitotic activity patterns and cytoskeletal changes throughout the progression of diapause developmental program in Daphnia. BMC Cell Biology, 2018, 19, 30.	3.0	33
8	Mps1 kinase-dependent Sgo2 centromere localisation mediates cohesin protection in mouse oocyte meiosis I. Nature Communications, 2017, 8, 694.	12.8	43
9	Sororin loads to the synaptonemal complex central region independently of meiotic cohesin complexes. EMBO Reports, 2016, 17, 695-707.	4.5	27
10	Male meiosis in Crustacea: synapsis, recombination, epigenetics and fertility in Daphnia magna. Chromosoma, 2016, 125, 769-787.	2.2	17
11	CDK2 regulates nuclear envelope protein dynamics and telomere attachment in mouse meiotic prophase. Journal of Cell Science, 2015, 128, 88-99.	2.0	58
12	CEP63 deficiency promotes p53-dependent microcephaly and reveals a role for the centrosome in meiotic recombination. Nature Communications, 2015, 6, 7676.	12.8	96
13	Cohesin removal precedes topoisomerase IIÎ±-dependent decatenation at centromeres in male mammalian meiosis II. Chromosoma, 2014, 123, 129-146.	2.2	28
14	Dynamic localization of SMC5/6 complex proteins during mammalian meiosis and mitosis implies functions in distinct chromosome processes. Journal of Cell Science, 2013, 126, 4239-52.	2.0	52
15	Incomplete Synapsis and Chiasma Localization: The Chicken or the Egg?. Cytogenetic and Genome Research, 2010, 128, 139-151.	1.1	7
16	Sequential Assembly of Centromeric Proteins in Male Mouse Meiosis. PLoS Genetics, 2009, 5, e1000417.	3.5	43
17	Cohesin axis maturation and presence of RAD51 during first meiotic prophase in a true bug. Chromosoma, 2009, 118, 575-589.	2.2	10
18	Shugoshin-2 is essential for the completion of meiosis but not for mitotic cell division in mice. Genes and Development, 2008, 22, 2400-2413.	5.9	147

#	Article	IF	Citations
19	Meiotic Pairing and Segregation of Achiasmate Sex Chromosomes in Eutherian Mammals: The Role of SYCP3 Protein. PLoS Genetics, 2007, 3, e198.	3.5	73
20	Mammalian SGO2 appears at the inner centromere domain and redistributes depending on tension across centromeres during meiosis II and mitosis. EMBO Reports, 2007, 8, 173-180.	4.5	84
21	Condensin I Reveals New Insights on Mouse Meiotic Chromosome Structure and Dynamics. PLoS ONE, 2007, 2, e783.	2.5	35
22	Sex chromosomes, synapsis, and cohesins: a complex affair. Chromosoma, 2006, 115, 250-259.	2.2	42
23	A Perikinetochoric Ring Defined by MCAK and Aurora-B as a Novel Centromere Domain. PLoS Genetics, 2006, 2, e84.	3.5	26
24	DNA double-strand breaks and homology search: inferences from a species with incomplete pairing and synapsis. Journal of Cell Science, 2005, 118, 2957-2963.	2.0	31
25	Involvement of the cohesin Rad21 and SCP3 in monopolar attachment of sister kinetochores during mouse meiosis I. Journal of Cell Science, 2004, 117, 1221-1234.	2.0	149
26	X and B chromosomes display similar meiotic characteristics in male grasshoppers. Cytogenetic and Genome Research, 2004, 106, 302-308.	1.1	19
27	DNA doubleâ€strand breaks, recombination and synapsis: the timing of meiosis differs in grasshoppers and flies. EMBO Reports, 2004, 5, 385-391.	4.5	39
28	Dynamic relocalization of the chromosomal passenger complex proteins inner centromere protein (INCENP) and aurora-B kinase during male mouse meiosis. Journal of Cell Science, 2003, 116, 961-974.	2.0	74