

Eugenio SÃ¡nchez-MorÃ¡n

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,637
citations

516710

16
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1257
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Arabidopsis</i> synaptonemal complex protein ZYP1 is required for chromosome synapsis and normal fidelity of crossing over. <i>Genes and Development</i> , 2005, 19, 2488-2500.	5.9	378
2	ASY1 mediates AtDMC1-dependent interhomolog recombination during meiosis in <i>Arabidopsis</i> . <i>Genes and Development</i> , 2007, 21, 2220-2233.	5.9	247
3	Pathways to meiotic recombination in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2011, 190, 523-544.	7.3	208
4	Reduced meiotic crossovers and delayed prophase I progression in AtMLH3-deficient <i>Arabidopsis</i> . <i>EMBO Journal</i> , 2006, 25, 1315-1323.	7.8	127
5	A novel plant gene essential for meiosis is related to the human CtIP and the yeast COM1/SAE2 gene. <i>EMBO Journal</i> , 2007, 26, 5061-5070.	7.8	109
6	Juxtaposition of heterozygous and homozygous regions causes reciprocal crossover remodelling via interference during <i>Arabidopsis</i> meiosis. <i>ELife</i> , 2015, 4, .	6.0	97
7	Histone hyperacetylation affects meiotic recombination and chromosome segregation in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010, 62, 796-806.	5.7	62
8	A Puromycin-Sensitive Aminopeptidase Is Essential for Meiosis in <i>Arabidopsis thaliana</i> [W]. <i>Plant Cell</i> , 2004, 16, 2895-2909.	6.6	59
9	Cytological Analysis of <i>Arabidopsis thaliana</i> Meiotic Chromosomes. <i>Methods in Molecular Biology</i> , 2009, 558, 131-145.	0.9	57
10	Together yes, but not coupled: new insights into the roles of RAD51 and DMC1 in plant meiotic recombination. <i>Plant Journal</i> , 2012, 69, 921-933.	5.7	52
11	Chromosome synapsis in <i>Arabidopsis</i> : analysis of the transverse filament protein ZYP1 reveals novel functions for the synaptonemal complex. <i>Chromosoma</i> , 2006, 115, 212-219.	2.2	50
12	TOP1 and chromosome movement help remove interlocks between entangled chromosomes during meiosis. <i>Journal of Cell Biology</i> , 2018, 217, 4070-4079.	5.2	50
13	Replication protein A (AtRPA1a) is required for class I crossover formation but is dispensable for meiotic DNA break repair. <i>EMBO Journal</i> , 2009, 28, 394-404.	7.8	41
14	An Analysis of Univalent Segregation in Meiotic Mutants of <i>Arabidopsis thaliana</i> : A Possible Role for Synaptonemal Complex. <i>Genetics</i> , 2007, 175, 505-511.	2.9	30
15	Meiotic chromosome axis remodelling is critical for meiotic recombination in <i>Brassica rapa</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 3012-3027.	4.8	22
16	Location and dynamics of an active promoter in <i>Escherichia coli</i> K-12. <i>Biochemical Journal</i> , 2012, 441, 481-485.	3.7	20
17	Analysis of the Relationships between DNA Double-Strand Breaks, Synaptonemal Complex and Crossovers Using the <i>Atfas1-4</i> Mutant. <i>PLoS Genetics</i> , 2015, 11, e1005301.	3.5	20
18	The Role of Topoisomerase II in DNA Repair and Recombination in <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 13115.	4.1	5

#	ARTICLE	IF	CITATIONS
19	The Role of DNA Topoisomerase Binding Protein 1 (TopBP1) in Genome Stability in Arabidopsis. <i>Plants</i> , 2021, 10, 2568.	3.5	3