

Jesus A Carballo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8262837/publications.pdf>

Version: 2024-02-01

16
papers

658
citations

933447

10
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorylation of the Axial Element Protein Hop1 by Mec1/Tel1 Ensures Meiotic Interhomolog Recombination. <i>Cell</i> , 2008, 132, 758-770.	28.9	285
2	Budding Yeast ATM/ATR Control Meiotic Double-Strand Break (DSB) Levels by Down-Regulating Rec114, an Essential Component of the DSB-machinery. <i>PLoS Genetics</i> , 2013, 9, e1003545.	3.5	115
3	Essential and Checkpoint Functions of Budding Yeast ATM and ATR during Meiotic Prophase Are Facilitated by Differential Phosphorylation of a Meiotic Adaptor Protein, Hop1. <i>PLoS ONE</i> , 2015, 10, e0134297.	2.5	54
4	Meiotic roles of Mec1, a budding yeast homolog of mammalian ATR/ATM. <i>Chromosome Research</i> , 2007, 15, 539-550.	2.2	36
5	Transcription of ribosomal genes can cause nondisjunction. <i>Journal of Cell Biology</i> , 2006, 173, 893-903.	5.2	32
6	The G2 checkpoint activated by DNA damage does not prevent genome instability in plant cells. <i>Biological Research</i> , 2006, 39, 331-40.	3.4	24
7	Pch2 orchestrates the meiotic recombination checkpoint from the cytoplasm. <i>PLoS Genetics</i> , 2021, 17, e1009560.	3.5	23
8	DNA catenations that link sister chromatids until the onset of anaphase are maintained by a checkpoint mechanism. <i>European Journal of Cell Biology</i> , 2002, 81, 9-16.	3.6	21
9	Characterization of Pch2 localization determinants reveals a nucleolar-independent role in the meiotic recombination checkpoint. <i>Chromosoma</i> , 2019, 128, 297-316.	2.2	19
10	Ipl1/Aurora Kinase Suppresses S-CDK-Driven Spindle Formation during Prophase I to Ensure Chromosome Integrity during Meiosis. <i>PLoS ONE</i> , 2013, 8, e83982.	2.5	13
11	SWR1-Independent Association of H2A.Z to the LINC Complex Promotes Meiotic Chromosome Motion. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 594092.	3.7	10
12	HSP90 and checkpoint-dependent lengthening of the G2 phase observed in plant cells under hypoxia and cold. <i>Protoplasma</i> , 2004, 223, 191-6.	2.1	8
13	The Cdc14 Phosphatase Controls Resolution of Recombination Intermediates and Crossover Formation during Meiosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9811.	4.1	7
14	Unimpeded onset of proliferation and conserved processing of DNA damage in two <i>Allium</i> species after their challenge by ionizing radiation. <i>Plant Biosystems</i> , 2003, 137, 11-20.	1.6	6
15	Lack of Mitotic Delays at the Onset of Proliferation in Dormant Root Primordia Challenged by Ionizing Radiation. <i>Biologia Plantarum</i> , 2003, 46, 383-387.	1.9	1
16	The N-Terminal Region of the Polo Kinase Cdc5 Is Required for Downregulation of the Meiotic Recombination Checkpoint. <i>Cells</i> , 2021, 10, 2561.	4.1	1