Needhi Bhalla

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5678330/publications.pdf

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32 papers	1,763 citations	687363 13 h-index	580821 25 g-index
38 all docs	38 docs citations	38 times ranked	1632 citing authors

#	Article	IF	Citations
1	Mutating two putative phosphorylation sites on ZHP-3 does not affect its localization or function during meiotic chromosome segregation. MicroPublication Biology, 2021, 2021, .	0.1	0
2	Mad1â€™s ability to interact with Mad2 is essential to regulate and monitor meiotic synapsis in C. elegans. PLoS Genetics, 2021, 17, e1009598.	3.5	4
3	The conserved AAA-ATPase PCH-2^{TRIP13}regulates spindle checkpoint strength. Molecular Biology of the Cell, 2020, 31, 2219-2233.	2.1	7
4	PCH-2 collaborates with CMT-1 to proofread meiotic homolog interactions. PLoS Genetics, 2020, 16, e1008904.	3.5	17
5	Moonlighting Proteins. Annual Review of Genetics, 2020, 54, 265-285.	7.6	81
6	Meiosis: Is Spermatogenesis Stress an Opportunity for Evolutionary Innovation?. Current Biology, 2020, 30, R1471-R1473.	3.9	4
7	PCH-2 collaborates with CMT-1 to proofread meiotic homolog interactions. , 2020, 16, e1008904.		0
8	PCH-2 collaborates with CMT-1 to proofread meiotic homolog interactions. , 2020, 16, e1008904.		0
9	PCH-2 collaborates with CMT-1 to proofread meiotic homolog interactions. , 2020, 16, e1008904.		0
10	PCH-2 collaborates with CMT-1 to proofread meiotic homolog interactions. , 2020, 16, e1008904.		0
11	Strategies to improve equity in faculty hiring. Molecular Biology of the Cell, 2019, 30, 2744-2749.	2.1	57
12	Shugoshin Is Essential for Meiotic Prophase Checkpoints in C.Âelegans. Current Biology, 2018, 28, 3199-3211.e3.	3.9	10
13	2018 PLOS Genetics Research Prize: Bundling, stabilizing, organizingâ€”The orchestration of acentriolar spindle assembly by microtubule motor proteins. PLoS Genetics, 2018, 14, e1007649.	3.5	0
14	Preprints for the life sciences. Science, 2016, 352, 899-901.	12.6	119
15	Has the time come for preprints in biology?. Molecular Biology of the Cell, 2016, 27, 1185-1187.	2.1	8
16	Synaptonemal Complex Components Are Required for Meiotic Checkpoint Function in Caenorhabditis elegans. Genetics, 2016, 204, 987-997.	2.9	22
17	Needhi Bhalla. Current Biology, 2016, 26, R652-R654.	3.9	0
18	TRIP13PCH-2 promotes Mad2 localization to unattached kinetochores in the spindle checkpoint response. Journal of Cell Biology, 2015, 211, 503-516.	5.2	43

#	Article	IF	Citations
19	Spindle assembly checkpoint proteins regulate and monitor meiotic synapsis in C. elegans. Journal of Cell Biology, 2015, 211, 233-242.	5.2	21
20	A Quality Control Mechanism Coordinates Meiotic Prophase Events to Promote Crossover Assurance. PLoS Genetics, 2014, 10, e1004291.	3.5	52
21	Differential Regulation of Germline Apoptosis in Response to Meiotic Checkpoint Activation. Genetics, 2014, 198, 995-1000.	2.9	11
22	Histone Methyltransferases MES-4 and MET-1 Promote Meiotic Checkpoint Activation in Caenorhabditis elegans. PLoS Genetics, 2012, 8, e1003089.	3.5	16
23	Pairing Centers Recruit a Polo-like Kinase to Orchestrate Meiotic Chromosome Dynamics in C. elegans. Developmental Cell, 2011, 21, 934-947.	7.0	127
24	Reproductive aging: insights from model organisms. Biochemical Society Transactions, 2011, 39, 1770-1774.	3.4	2
25	The Cohesin Complex: A Platform for Checkpoint Activation and DNA Repair?. Current Biology, 2011, 21, R649-R650.	3.9	1
26	Meiotic Checkpoints: Repair or Removal?. Current Biology, 2010, 20, R1014-R1016.	3.9	6
27	Prelude to a Division. Annual Review of Cell and Developmental Biology, 2008, 24, 397-424.	9.4	118
28	ZHP-3 Acts at Crossovers to Couple Meiotic Recombination with Synaptonemal Complex Disassembly and Bivalent Formation in C. elegans. PLoS Genetics, 2008, 4, e1000235.	3.5	129
29	A Conserved Checkpoint Monitors Meiotic Chromosome Synapsis in Caenorhabditis elegans. Science, 2005, 310, 1683-1686.	12.6	215
30	Chromosome Sites Play Dual Roles to Establish Homologous Synapsis during Meiosis in C. elegans. Cell, 2005, 123, 1037-1050.	28.9	290
31	HIM-8 Binds to the X Chromosome Pairing Center and Mediates Chromosome-Specific Meiotic Synapsis. Cell, 2005, 123, 1051-1063.	28.9	270
32	Genes Involved in Sister Chromatid Separation and Segregation in the Budding Yeast Saccharomyces cerevisiae. Genetics, 2001, 159, 453-470.	2.9	133