

Andreas Hochwagen

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,920
citations

236912

25
h-index

254170

43
g-index

62
all docs

62
docs citations

62
times ranked

3598
citing authors

#	ARTICLE	IF	CITATIONS
1	Two pathways drive meiotic chromosome axis assembly in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2022, 50, 4545-4556.	14.5	15
2	Phospho-Regulation of Meiotic Prophase. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 667073.	3.7	11
3	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
4	Topoisomerases Modulate the Timing of Meiotic DNA Breakage and Chromosome Morphogenesis in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2020, 215, 59-73.	2.9	26
5	Remembering Angelika Amon (1967–2020). <i>Journal of Cell Science</i> , 2020, 133, .	2.0	0
6	Structure and function of the Orc1 BAH-nucleosome complex. <i>Nature Communications</i> , 2019, 10, 2894.	12.8	31
7	SNP-ChIP: a versatile and tag-free method to quantify changes in protein binding across the genome. <i>BMC Genomics</i> , 2019, 20, 54.	2.8	12
8	Persistent DNA-break potential near telomeres increases initiation of meiotic recombination on short chromosomes. <i>Nature Communications</i> , 2019, 10, 970.	12.8	47
9	Condensin action and compaction. <i>Current Genetics</i> , 2019, 65, 407-415.	1.7	31
10	Genomic Copy-Number Loss Is Rescued by Self-Limiting Production of DNA Circles. <i>Molecular Cell</i> , 2018, 72, 583-593.e4.	9.7	56
11	Condensin Depletion Causes Genome Decompaction Without Altering the Level of Global Gene Expression in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2018, 210, 331-344.	2.9	29
12	Fundamental cell cycle kinases collaborate to ensure timely destruction of the synaptonemal complex during meiosis. <i>EMBO Journal</i> , 2017, 36, 2488-2509.	7.8	50
13	Reduced dosage of the chromosome axis factor Red1 selectively disrupts the meiotic recombination checkpoint in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2017, 13, e1006928.	3.5	11
14	Condensin and Hmo1 Mediate a Starvation-Induced Transcriptional Position Effect within the Ribosomal DNA Array. <i>Cell Reports</i> , 2016, 14, 1010-1017.	6.4	30
15	Condensin Promotes Position Effects within Tandem DNA Repeats via the RITS Complex. <i>Cell Reports</i> , 2016, 14, 1018-1024.	6.4	20
16	The Double-Strand Break Landscape of Meiotic Chromosomes Is Shaped by the Paf1 Transcription Elongation Complex in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2016, 202, 497-512.	2.9	10
17	Chromosome Synapsis Alleviates Mek1-Dependent Suppression of Meiotic DNA Repair. <i>PLoS Biology</i> , 2016, 14, e1002369.	5.6	95
18	Separable Crossover-Promoting and Crossover-Constraining Aspects of Zip1 Activity during Budding Yeast Meiosis. <i>PLoS Genetics</i> , 2015, 11, e1005335.	3.5	37

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19	Transcription dynamically patterns the meiotic chromosome-axis interface. <i>ELife</i> , 2015, 4, .	6.0	102
20	The kinetochore prevents centromere-proximal crossover recombination during meiosis. <i>ELife</i> , 2015, 4, .	6.0	108
21	A non-sister act: Recombination template choice during meiosis. <i>Experimental Cell Research</i> , 2014, 329, 53-60.	2.6	69
22	The Meiotic Checkpoint Network: Step-by-Step through Meiotic Prophase. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016675-a016675.	5.5	161
23	Positionâ€dependent instability of ribosomal DNA repeats (736.1). <i>FASEB Journal</i> , 2014, 28, 736.1.	0.5	0
24	Smc5/6 Coordinates Formation and Resolution of Joint Molecules with Chromosome Morphology to Ensure Meiotic Divisions. <i>PLoS Genetics</i> , 2013, 9, e1004071.	3.5	70
25	ATR/Mec1 prevents lethal meiotic recombination initiation on partially replicated chromosomes in budding yeast. <i>ELife</i> , 2013, 2, e00844.	6.0	44
26	Separation of DNA Replication from the Assembly of Break-Competent Meiotic Chromosomes. <i>PLoS Genetics</i> , 2012, 8, e1002643.	3.5	81
27	RNA Methylation by the MIS Complex Regulates a Cell Fate Decision in Yeast. <i>PLoS Genetics</i> , 2012, 8, e1002732.	3.5	207
28	Protection of repetitive DNA borders from self-induced meiotic instability. <i>Nature</i> , 2011, 477, 115-119.	27.8	98
29	A Hierarchical Combination of Factors Shapes the Genome-wide Topography of Yeast Meiotic Recombination Initiation. <i>Cell</i> , 2011, 144, 719-731.	28.9	520
30	Checkpoint mechanisms: the puppet masters of meiotic prophase. <i>Trends in Cell Biology</i> , 2011, 21, 393-400.	7.9	111
31	Centromere Clustering: Where Synapsis Begins. <i>Current Biology</i> , 2011, 21, R920-R922.	3.9	6
32	Centromere Clustering: Where Synapsis Begins. <i>Current Biology</i> , 2011, 21, 2121.	3.9	0
33	Genome-Wide Detection of Meiotic DNA Double-Strand Break Hotspots Using Single-Stranded DNA. <i>Methods in Molecular Biology</i> , 2011, 745, 47-63.	0.9	10
34	Meiosis: A PRDM9 Guide to the Hotspots of Recombination. <i>Current Biology</i> , 2010, 20, R271-R274.	3.9	27
35	A Mec1- and PP4-Dependent Checkpoint Couples Centromere Pairing to Meiotic Recombination. <i>Developmental Cell</i> , 2010, 19, 599-611.	7.0	100
36	The Multiple Roles of Cohesin in Meiotic Chromosome Morphogenesis and Pairing. <i>Molecular Biology of the Cell</i> , 2009, 20, 1030-1047.	2.1	85

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37	Meiosis: Making a Synaptonemal Complex Just Got Easier. <i>Current Biology</i> , 2009, 19, R849-R851.	3.9	3
38	Meiosis. <i>Current Biology</i> , 2008, 18, R641-R645.	3.9	9
39	Global Analysis of the Meiotic Crossover Landscape. <i>Developmental Cell</i> , 2008, 15, 401-415.	7.0	197
40	Mapping of Meiotic Single-Stranded DNA Reveals Double-Strand-Break Hotspots near Centromeres and Telomeres. <i>Current Biology</i> , 2007, 17, 2003-2012.	3.9	158
41	Checking Your Breaks: Surveillance Mechanisms of Meiotic Recombination. <i>Current Biology</i> , 2006, 16, R217-R228.	3.9	127
42	Novel Response to Microtubule Perturbation in Meiosis. <i>Molecular and Cellular Biology</i> , 2005, 25, 4767-4781.	2.3	49
43	The FK506 Binding Protein Fpr3 Counteracts Protein Phosphatase 1 to Maintain Meiotic Recombination Checkpoint Activity. <i>Cell</i> , 2005, 122, 861-873.	28.9	137
44	Molecular Architecture of SMC Proteins and the Yeast Cohesin Complex. <i>Molecular Cell</i> , 2002, 9, 773-788.	9.7	649
45	Pds5 cooperates with cohesin in maintaining sister chromatid cohesion. <i>Current Biology</i> , 2000, 10, 1557-1564.	3.9	237