

Gerben Vader

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,482
citations

516710

16
h-index

526287

27
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53
all docs

53
docs citations

53
times ranked

3154
citing authors

#	ARTICLE	IF	CITATIONS
1	Checkpoint control in meiotic prophase: Idiosyncratic demands require unique characteristics. <i>Current Topics in Developmental Biology</i> , 2023, , 281-315.	2.2	6
2	Getting there: understanding the chromosomal recruitment of the AAA+ATPase Pch2/TRIP13 during meiosis. <i>Current Genetics</i> , 2021, 67, 553-565.	1.7	7
3	ESI mutagenesis: a one-step method for introducing mutations into bacterial artificial chromosomes. <i>Life Science Alliance</i> , 2021, 4, e202000836.	2.8	2
4	Novel mechanistic insights into the role of Mer2 as the keystone of meiotic DNA break formation. <i>ELife</i> , 2021, 10, .	6.0	19
5	Homeostatic Control of Meiotic Prophase Checkpoint Function by Pch2 and Hop1. <i>Current Biology</i> , 2020, 30, 4413-4424.e5.	3.9	32
6	A dCas9-Based System Identifies a Central Role for Ctf19 in Kinetochores-Derived Suppression of Meiotic Recombination. <i>Genetics</i> , 2020, 216, 395-408.	2.9	8
7	Active transcription and Orc1 drive chromatin association of the AAA+ ATPase Pch2 during meiotic G2/prophase. <i>PLoS Genetics</i> , 2020, 16, e1008905.	3.5	7
8	Biochemical and functional characterization of a meiosis-specific Pch2/ORC AAA+ assembly. <i>Life Science Alliance</i> , 2020, 3, e201900630.	2.8	8
9	Title is missing!. , 2020, 16, e1008905.		0
10	Title is missing!. , 2020, 16, e1008905.		0
11	Title is missing!. , 2020, 16, e1008905.		0
12	Title is missing!. , 2020, 16, e1008905.		0
13	Title is missing!. , 2020, 16, e1008905.		0
14	Title is missing!. , 2020, 16, e1008905.		0
15	Title is missing!. , 2020, 16, e1008905.		0
16	Title is missing!. , 2020, 16, e1008905.		0
17	Kinetochores, cohesin, and DNA breaks: Controlling meiotic recombination within pericentromeres. <i>Yeast</i> , 2019, 36, 121-127.	1.7	20
18	The greatest kinetochores show on earth. <i>EMBO Reports</i> , 2017, 18, 1473-1475.	4.5	3

#	ARTICLE	IF	CITATIONS
19	Chromosome Synapsis Alleviates Mek1-Dependent Suppression of Meiotic DNA Repair. <i>PLoS Biology</i> , 2016, 14, e1002369.	5.6	95
20	Pch2TRIP13: controlling cell division through regulation of HORMA domains. <i>Chromosoma</i> , 2015, 124, 333-339.	2.2	80
21	The kinetochore prevents centromere-proximal crossover recombination during meiosis. <i>ELife</i> , 2015, 4, .	6.0	108
22	HORMA Domains at the Heart of Meiotic Chromosome Dynamics. <i>Developmental Cell</i> , 2014, 31, 389-391.	7.0	17
23	Protection of repetitive DNA borders from self-induced meiotic instability. <i>Nature</i> , 2011, 477, 115-119.	27.8	98
24	Chromosome Segregation: Taking the Passenger Seat. <i>Current Biology</i> , 2010, 20, R879-R881.	3.9	7
25	Sensing Chromosome Bi-Orientation by Spatial Separation of Aurora B Kinase from Kinetochore Substrates. <i>Science</i> , 2009, 323, 1350-1353.	12.6	491
26	The chromosomal passenger complex and the spindle assembly checkpoint: kinetochore-microtubule error correction and beyond. <i>Cell Division</i> , 2008, 3, 10.	2.4	44
27	The Aurora kinase family in cell division and cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2008, 1786, 60-72.	7.4	281
28	Global Analysis of the Meiotic Crossover Landscape. <i>Developmental Cell</i> , 2008, 15, 401-415.	7.0	197
29	The Chromosomal Passenger Complex Controls Spindle Checkpoint Function Independent from Its Role in Correcting Microtubule-Kinetochore Interactions. <i>Molecular Biology of the Cell</i> , 2007, 18, 4553-4564.	2.1	88
30	Survivin mediates targeting of the chromosomal passenger complex to the centromere and midbody. <i>EMBO Reports</i> , 2006, 7, 85-92.	4.5	159
31	Subcellular localization and nucleocytoplasmic transport of the chromosomal passenger proteins before nuclear envelope breakdown. <i>Oncogene</i> , 2006, 25, 4867-4879.	5.9	34
32	The case for Survivin as mitotic regulator. <i>Current Opinion in Cell Biology</i> , 2006, 18, 616-622.	5.4	161
33	Uncoupling the Central Spindle-associated Function of the Chromosomal Passenger Complex from Its Role at Centromeres. <i>Molecular Biology of the Cell</i> , 2006, 17, 1897-1909.	2.1	69
34	The chromosomal passenger complex: guiding Aurora-B through mitosis. <i>Journal of Cell Biology</i> , 2006, 173, 833-837.	5.2	259
35	Polo-like Kinase-1 Is Required for Bipolar Spindle Formation but Is Dispensable for Anaphase Promoting Complex/Cdc20 Activation and Initiation of Cytokinesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 36841-36854.	3.4	173