Gerben Vader

List of Publications by Year
in descending order

35 papers	2,482 citations	516710 16 h-index	526287 27 g-index
53 all docs	53 docs citations	53 times ranked	3154 citing authors

#	Article	IF	Citations
1	Sensing Chromosome Bi-Orientation by Spatial Separation of Aurora B Kinase from Kinetochore Substrates. Science, 2009, 323, 1350-1353.	12.6	491
2	The Aurora kinase family in cell division and cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2008, 1786, 60-72.	7.4	281
3	The chromosomal passenger complex: guiding Aurora-B through mitosis. Journal of Cell Biology, 2006, 173, 833-837.	5.2	259
4	Global Analysis of the Meiotic Crossover Landscape. Developmental Cell, 2008, 15, 401-415.	7.0	197
5	Polo-like Kinase-1 Is Required for Bipolar Spindle Formation but Is Dispensable for Anaphase Promoting Complex/Cdc20 Activation and Initiation of Cytokinesis. Journal of Biological Chemistry, 2004, 279, 36841-36854.	3.4	173
6	The case for Survivin as mitotic regulator. Current Opinion in Cell Biology, 2006, 18, 616-622.	5.4	161
7	Survivin mediates targeting of the chromosomal passenger complex to the centromere and midbody. EMBO Reports, 2006, 7, 85-92.	4.5	159
8	The kinetochore prevents centromere-proximal crossover recombination during meiosis. ELife, 2015, 4, .	6.0	108
9	Protection of repetitive DNA borders from self-induced meiotic instability. Nature, 2011, 477, 115-119.	27.8	98
10	Chromosome Synapsis Alleviates Mek1-Dependent Suppression of Meiotic DNA Repair. PLoS Biology, 2016, 14, e1002369.	5.6	95
11	The Chromosomal Passenger Complex Controls Spindle Checkpoint Function Independent from Its Role in Correcting Microtubuleâ€"Kinetochore Interactions. Molecular Biology of the Cell, 2007, 18, 4553-4564.	2.1	88
12	Pch2TRIP13: controlling cell division through regulation of HORMA domains. Chromosoma, 2015, 124, 333-339.	2.2	80
13	Uncoupling the Central Spindle-associated Function of the Chromosomal Passenger Complex from Its Role at Centromeres. Molecular Biology of the Cell, 2006, 17, 1897-1909.	2.1	69
14	The chromosomal passenger complex and the spindle assembly checkpoint: kinetochore-microtubule error correction and beyond. Cell Division, 2008, 3, 10.	2.4	44
15	Subcellular localization and nucleocytoplasmic transport of the chromosomal passenger proteins before nuclear envelope breakdown. Oncogene, 2006, 25, 4867-4879.	5.9	34
16	Homeostatic Control of Meiotic Prophase Checkpoint Function by Pch2 and Hop1. Current Biology, 2020, 30, 4413-4424.e5.	3.9	32
17	Kinetochores, cohesin, and DNA breaks: Controlling meiotic recombination within pericentromeres. Yeast, 2019, 36, 121-127.	1.7	20
18	Novel mechanistic insights into the role of Mer2 as the keystone of meiotic DNA break formation. ELife, 2021, 10, .	6.0	19

#	Article	IF	Citations
19	HORMA Domains at the Heart of Meiotic Chromosome Dynamics. Developmental Cell, 2014, 31, 389-391.	7.0	17
20	A dCas9-Based System Identifies a Central Role for Ctf19 in Kinetochore-Derived Suppression of Meiotic Recombination. Genetics, 2020, 216, 395-408.	2.9	8
21	Biochemical and functional characterization of a meiosis-specific Pch2/ORC AAA+ assembly. Life Science Alliance, 2020, 3, e201900630.	2.8	8
22	Chromosome Segregation: Taking the Passenger Seat. Current Biology, 2010, 20, R879-R881.	3.9	7
23	Active transcription and Orc1 drive chromatin association of the AAA+ ATPase Pch2 during meiotic G2/prophase. PLoS Genetics, 2020, 16, e1008905.	3.5	7
24	Getting there: understanding the chromosomal recruitment of the AAA+â€‰ATPase Pch2/TRIP13 during meiosis. Current Genetics, 2021, 67, 553-565.	1.7	7
25	Checkpoint control in meiotic prophase: Idiosyncratic demands require unique characteristics. Current Topics in Developmental Biology, 2023, , 281-315.	2.2	6
26	The greatest kinetochore show on earth. EMBO Reports, 2017, 18, 1473-1475.	4.5	3
27	ESI mutagenesis: a one-step method for introducing mutations into bacterial artificial chromosomes. Life Science Alliance, 2021, 4, e202000836.	2.8	2
28	Title is missing!. , 2020, 16, e1008905.		0
29	Title is missing!. , 2020, 16, e1008905.		0
30	Title is missing!. , 2020, 16, e1008905.		0
31	Title is missing!. , 2020, 16, e1008905.		0
32	Title is missing!. , 2020, 16, e1008905.		0
33	Title is missing!. , 2020, 16, e1008905.		0
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35	Title is missing!. , 2020, 16, e1008905.		0