

# Katja Wassmann

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

2,320  
citations

279798

23  
h-index

434195

31  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2321  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mad2 spindle checkpoint protein has two distinct natively folded states. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 338-345.	8.2	263
2	Resolution of Chiasmata in Oocytes Requires Separase-Mediated Proteolysis. <i>Cell</i> , 2006, 126, 135-146.	28.9	218
3	Meiotic homologue alignment and its quality surveillance are controlled by mouse HORMAD1. <i>Nature Cell Biology</i> , 2011, 13, 599-610.	10.3	207
4	Metaphase I Arrest upon Activation of the Mad2-Dependent Spindle Checkpoint in Mouse Oocytes. <i>Current Biology</i> , 2003, 13, 1596-1608.	3.9	199
5	Mitotic checkpoints: from yeast to cancer. <i>Current Opinion in Genetics and Development</i> , 2001, 11, 83-90.	3.3	184
6	The Meiosis I-to-Meiosis II Transition in Mouse Oocytes Requires Separase Activity. <i>Current Biology</i> , 2003, 13, 1797-1802.	3.9	135
7	Mps1 at kinetochores is essential for female mouse meiosis I. <i>Development (Cambridge)</i> , 2011, 138, 2261-2271.	2.5	114
8	Changing Mad2 Levels Affects Chromosome Segregation and Spindle Assembly Checkpoint Control in Female Mouse Meiosis I. <i>PLoS ONE</i> , 2007, 2, e1165.	2.5	104
9	OSD1 Promotes Meiotic Progression via APC/C Inhibition and Forms a Regulatory Network with TDM and CYCA1;2/TAM. <i>PLoS Genetics</i> , 2012, 8, e1002865.	3.5	93
10	Mad2 phosphorylation regulates its association with Mad1 and the APC/C. <i>EMBO Journal</i> , 2003, 22, 797-806.	7.8	88
11	Mouse oocytes depend on BubR1 for proper chromosome segregation but not for prophase I arrest. <i>Nature Communications</i> , 2015, 6, 6946.	12.8	73
12	The PP2A Inhibitor I2PP2A Is Essential for Sister Chromatid Segregation in Oocyte Meiosis II. <i>Current Biology</i> , 2013, 23, 485-490.	3.9	69
13	How oocytes try to get it right: spindle checkpoint control in meiosis. <i>Chromosoma</i> , 2016, 125, 321-335.	2.2	59
14	Multiple Duties for Spindle Assembly Checkpoint Kinases in Meiosis. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 109.	3.7	59
15	Cyclin B3 promotes anaphase I onset in oocyte meiosis. <i>Journal of Cell Biology</i> , 2019, 218, 1265-1281.	5.2	47
16	Mps1 kinase-dependent Sgo2 centromere localisation mediates cohesin protection in mouse oocyte meiosis I. <i>Nature Communications</i> , 2017, 8, 694.	12.8	43
17	Phosphorylation of the spindle checkpoint protein Mad2 regulates its conformational transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19772-19777.	7.1	38
18	Cyclin A2 Is Required for Sister Chromatid Segregation, But Not Separase Control, in Mouse Oocyte Meiosis. <i>Cell Reports</i> , 2012, 2, 1077-1087.	6.4	37

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19	Tension-Induced Error Correction and Not Kinetochore Attachment Status Activates the SAC in an Aurora-B/C-Dependent Manner in Oocytes. <i>Current Biology</i> , 2018, 28, 130-139.e3.	3.9	35
20	Overexpression of the G1-cyclin Gene <i>CLN2</i> Represses the Mating Pathway in <i>Saccharomyces cerevisiae</i> at the Level of the MEKK <i>Ste11</i> . <i>Journal of Biological Chemistry</i> , 1997, 272, 13180-13188.	3.4	33
21	Sister chromatid segregation in meiosis II: Deprotection through phosphorylation. <i>Cell Cycle</i> , 2013, 12, 1352-1359.	2.6	32
22	New Insights into the Role of <i>BubR1</i> in Mitosis and Beyond. <i>International Review of Cell and Molecular Biology</i> , 2013, 306, 223-273.	3.2	29
23	Chromosome Spreads with Centromere Staining in Mouse Oocytes. <i>Methods in Molecular Biology</i> , 2013, 957, 203-212.	0.9	29
24	Super-resolution for everybody: An image processing workflow to obtain high-resolution images with a standard confocal microscope. <i>Methods</i> , 2017, 115, 17-27.	3.8	29
25	Meiotic Divisions: No Place for Gender Equality. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1002, 1-17.	1.6	25
26	Cycling through mammalian meiosis: B-type cyclins in oocytes. <i>Cell Cycle</i> , 2019, 18, 1537-1548.	2.6	16
27	Kinetochore individualization in meiosis I is required for centromeric cohesin removal in meiosis II. <i>EMBO Journal</i> , 2021, 40, e106797.	7.8	16
28	A PP2A-B56â€”Centered View on Metaphase-to-Anaphase Transition in Mouse Oocyte Meiosis I. <i>Cells</i> , 2020, 9, 390.	4.1	14
29	Detection of Separase Activity Using a Cleavage Sensor in Live Mouse Oocytes. <i>Methods in Molecular Biology</i> , 2018, 1818, 99-112.	0.9	13
30	Aurora B/C-dependent phosphorylation promotes Rec8 cleavage in mammalian oocytes. <i>Current Biology</i> , 2022, 32, 2281-2290.e4.	3.9	10
31	Working in close quarters: biparental meiosis in the oocyte. <i>EMBO Reports</i> , 0, , .	4.5	1
32	<i>Mps1</i> at kinetochores is essential for female mouse meiosis I. <i>Journal of Cell Science</i> , 2011, 124, e1-e1.	2.0	0