Marie-Emilie Terret

List of Publications by Year
in descending order

33 papers	2,361 citations	331670 21 h-index	395702 33 g-index
40 all docs	40 docs citations	40 times ranked	2617 citing authors

#	Article	IF	Citations
1	Requirements for Cdk7 in the Assembly of Cdk1/Cyclin B and Activation of Cdk2 Revealed by Chemical Genetics in Human Cells. Molecular Cell, 2007, 25, 839-850.	9.7	221
2	A centriole- and RanGTP-independent spindle assembly pathway in meiosis I of vertebrate oocytes. Journal of Cell Biology, 2007, 176, 295-305.	5.2	219
3	Cohesin acetylation speeds the replication fork. Nature, 2009, 462, 231-234.	27.8	198
4	The SIOD disorder protein SMARCAL1 is an RPA-interacting protein involved in replication fork restart. Genes and Development, 2009, 23, 2415-2425.	5.9	183
5	Meiotic Maturation of the Mouse Oocyte Requires an Equilibrium between Cyclin B Synthesis and Degradation. Developmental Biology, 2001, 232, 400-413.	2.0	167
6	Mps1 directs the assembly of Cdc20 inhibitory complexes during interphase and mitosis to control M phase timing and spindle checkpoint signaling. Journal of Cell Biology, 2010, 190, 89-100.	5.2	164
7	Meiotic spindle assembly and chromosome segregation in oocytes. Journal of Cell Biology, 2016, 215, 611-619.	5.2	160
8	A soft cortex is essential for asymmetric spindle positioning in mouse oocytes. Nature Cell Biology, 2013, 15, 958-966.	10.3	145
9	The Meiosis I-to-Meiosis II Transition in Mouse Oocytes Requires Separase Activity. Current Biology, 2003, 13, 1797-1802.	3.9	135
10	Meiotic spindle stability depends on MAPK-interacting and spindle-stabilizing protein (MISS), a new MAPK substrate. Journal of Cell Biology, 2002, 157, 603-613.	5.2	94
11	DOC1R: a MAP kinase substrate that control microtubule organization of metaphase II mouse oocytes. Development (Cambridge), 2003, 130, 5169-5177.	2.5	77
12	Actin-based spindle positioning: new insights from female gametes. Journal of Cell Science, 2014, 127, 477-83.	2.0	76
13	F-actin mechanics control spindle centring in the mouse zygote. Nature Communications, 2016, 7, 10253.	12.8	75
14	A narrow window of cortical tension guides asymmetric spindle positioning in the mouse oocyte. Nature Communications, 2015, 6, 6027.	12.8	66
15	Spindle positioning in mammalian oocytes. Experimental Cell Research, 2012, 318, 1442-1447.	2.6	34
16	Functional Dissection of Mitotic Regulators Through Gene Targeting in Human Somatic Cells. Methods in Molecular Biology, 2009, 545, 21-37.	0.9	34
17	Active diffusion in oocytes nonspecifically centers large objects during prophase I and meiosis I. Journal of Cell Biology, 2020, 219, .	5.2	33
18	Shifting meiotic to mitotic spindle assembly in oocytes disrupts chromosome alignment. EMBO Reports, 2018, 19, 368-381.	4.5	30

#	Article	IF	Citations
19	Oocyte Maturation and Development. F1000Research, 2016, 5, 309.	1.6	29
20	Control of the oocyte-to-embryo transition by the ubiquitinâ€“proteolytic system in mouse and C. elegans. Current Opinion in Cell Biology, 2010, 22, 758-763.	5.4	28
21	Artificially decreasing cortical tension generates aneuploidy in mouse oocytes. Nature Communications, 2020, 11, 1649.	12.8	26
22	Control of nucleus positioning in mouse oocytes. Seminars in Cell and Developmental Biology, 2018, 82, 34-40.	5.0	23
23	Asymmetries and Symmetries in the Mouse Oocyte and Zygote. Results and Problems in Cell Differentiation, 2017, 61, 285-299.	0.7	22
24	A computational model of the early stages of acentriolar meiotic spindle assembly. Molecular Biology of the Cell, 2019, 30, 863-875.	2.1	22
25	Nuclear positioning as an integrator of cell fate. Current Opinion in Cell Biology, 2019, 56, 122-129.	5.4	20
26	RINGO efficiently triggers meiosis resumption in mouse oocytes and induces cell cycle arrest in embryos. Biology of the Cell, 2001, 93, 89-97.	2.0	16
27	The regulation of competence to replicate in meiosis by Cdc6 is conserved during evolution. Molecular Reproduction and Development, 2004, 69, 94-100.	2.0	14
28	An interpretable and versatile machine learning approach for oocyte phenotyping. Journal of Cell Science, 0, , .	2.0	10
29	Chromosome structural anomalies due to aberrant spindle forces exerted at gene editing sites in meiosis. Journal of Cell Biology, 2018, 217, 3416-3430.	5.2	8
30	Mouse oocyte, a paradigm of cancer cell. Cell Cycle, 2013, 12, 3370-3376.	2.6	7
31	Myosin-X is dispensable for spindle morphogenesis and positioning in the mouse oocyte. Development (Cambridge), 2021, 148, .	2.5	7
32	MYO10 promotes transzonal projection (TZP)-dependent germ line-somatic contact during mammalian folliculogenesis. Biology of Reproduction, 2022, , .	2.7	7
33	Meiosis: separase strikes twice. Nature Cell Biology, 2006, 8, 910-911.	10.3	4