

Lisa M Mehlmann

List of Publications by Year in descending order

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17
papers

2,017
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1512
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic GMP from the surrounding somatic cells regulates cyclic AMP and meiosis in the mouse oocyte. <i>Development (Cambridge)</i> , 2009, 136, 1869-1878.	2.5	432
2	Stops and starts in mammalian oocytes: recent advances in understanding the regulation of meiotic arrest and oocyte maturation. <i>Reproduction</i> , 2005, 130, 791-799.	2.6	408
3	The G _s -Linked Receptor GPR3 Maintains Meiotic Arrest in Mammalian Oocytes. <i>Science</i> , 2004, 306, 1947-1950.	12.6	298
4	Luteinizing hormone causes MAP kinase-dependent phosphorylation and closure of connexin 43 gap junctions in mouse ovarian follicles: one of two paths to meiotic resumption. <i>Development (Cambridge)</i> , 2008, 135, 3229-3238.	2.5	215
5	Regulation of Intracellular Calcium in the Mouse Egg: Calcium Release in Response to Sperm or Inositol Trisphosphate is Enhanced after Meiotic Maturation1. <i>Biology of Reproduction</i> , 1994, 51, 1088-1098.	2.7	214
6	SH2 Domain-Mediated Activation of Phospholipase C β 3 Is Not Required to Initiate Ca ²⁺ Release at Fertilization of Mouse Eggs. <i>Developmental Biology</i> , 1998, 203, 221-232.	2.0	136
7	Oocyte-specific expression of Gpr3 is required for the maintenance of meiotic arrest in mouse oocytes. <i>Developmental Biology</i> , 2005, 288, 397-404.	2.0	91
8	SH2 domain-mediated activation of an SRC family kinase is not required to initiate Ca ²⁺ release at fertilization in mouse eggs. <i>Reproduction</i> , 2005, 129, 557-564.	2.6	45
9	Meiotic resumption in response to luteinizing hormone is independent of a Gi family G protein or calcium in the mouse oocyte. <i>Developmental Biology</i> , 2006, 299, 345-355.	2.0	37
10	Embryonic Poly(A)-Binding Protein Is Required During Early Stages of Mouse Oocyte Development for Chromatin Organization, Transcriptional Silencing, and Meiotic Competence1. <i>Biology of Reproduction</i> , 2015, 93, 43.	2.7	32
11	Endocytosis in the mouse oocyte and its contribution to cAMP signaling during meiotic arrest. <i>Reproduction</i> , 2011, 141, 737-747.	2.6	24
12	SNAP23 is required for constitutive and regulated exocytosis in mouse oocytes. <i>Biology of Reproduction</i> , 2019, 101, 338-346.	2.7	22
13	Microinjection of Follicle-Enclosed Mouse Oocytes. <i>Methods in Molecular Biology</i> , 2009, 518, 157-173.	0.9	21
14	X-Linked Huwe1 Is Essential for Oocyte Maturation and Preimplantation Embryo Development. <i>iScience</i> , 2020, 23, 101523.	4.1	15
15	The switch from cAMP-independent to cAMP-dependent arrest of meiotic prophase is associated with coordinated GPR3 and CDK1 expression in mouse oocytes. <i>Developmental Biology</i> , 2018, 434, 196-205.	2.0	12
16	Regulator of G-protein signaling 2 (RGS2) suppresses premature calcium release in mouse eggs. <i>Development (Cambridge)</i> , 2015, 142, 2633-40.	2.5	8
17	Losing Mom's Message: Requirement for DCP1A and DCP2 in the Degradation of Maternal Transcripts During Oocyte Maturation1. <i>Biology of Reproduction</i> , 2013, 88, 10.	2.7	7