

Lesley J Ritter

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,613
citations

304368

22
h-index

580395

25
g-index

27
all docs

27
docs citations

27
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular basis of oocyte-paracrine signalling that promotes granulosa cell proliferation. <i>Journal of Cell Science</i> , 2006, 119, 3811-3821.	1.2	193
2	Oocyte-Secreted Factor Activation of SMAD 2/3 Signaling Enables Initiation of Mouse Cumulus Cell Expansion. <i>Biology of Reproduction</i> , 2007, 76, 848-857.	1.2	134
3	Cumulin, an Oocyte-secreted Heterodimer of the Transforming Growth Factor- β Family, Is a Potent Activator of Granulosa Cells and Improves Oocyte Quality. <i>Journal of Biological Chemistry</i> , 2015, 290, 24007-24020.	1.6	130
4	Role of Oocyte-Secreted Growth Differentiation Factor 9 in the Regulation of Mouse Cumulus Expansion. <i>Endocrinology</i> , 2005, 146, 2798-2806.	1.4	115
5	Androgens Augment the Mitogenic Effects of Oocyte-Secreted Factors and Growth Differentiation Factor 9 on Porcine Granulosa Cells. <i>Biology of Reproduction</i> , 2005, 73, 825-832.	1.2	109
6	Immunoneutralization of Growth Differentiation Factor 9 Reveals It Partially Accounts for Mouse Oocyte Mitogenic Activity. <i>Biology of Reproduction</i> , 2004, 71, 732-739.	1.2	77
7	Heparin and cAMP modulators interact during pre-in vitro maturation to affect mouse and human oocyte meiosis and developmental competence. <i>Human Reproduction</i> , 2013, 28, 1536-1545.	0.4	73
8	Signalling pathways mediating specific synergistic interactions between GDF9 and BMP15. <i>Molecular Human Reproduction</i> , 2012, 18, 121-128.	1.3	72
9	Mouse Oocyte Mitogenic Activity Is Developmentally Coordinated throughout Folliculogenesis and Meiotic Maturation. <i>Developmental Biology</i> , 2001, 240, 289-298.	0.9	71
10	Amphiregulin co-operates with bone morphogenetic protein 15 to increase bovine oocyte developmental competence: effects on gap junction-mediated metabolite supply. <i>Molecular Human Reproduction</i> , 2014, 20, 499-513.	1.3	62
11	Growth differentiation factor 9 signaling requires ERK1/2 activity in mouse granulosa and cumulus cells. <i>Journal of Cell Science</i> , 2010, 123, 3166-3176.	1.2	61
12	Promotion of EGF receptor signaling improves the quality of low developmental competence oocytes. <i>Developmental Biology</i> , 2015, 403, 139-149.	0.9	58
13	Mode of oocyte maturation affects EGF-like peptide function and oocyte competence. <i>Molecular Human Reproduction</i> , 2013, 19, 500-509.	1.3	52
14	Comparison of oocyte factors and transforming growth factor- β in the regulation of DNA synthesis in bovine granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2003, 201, 87-95.	1.6	49
15	Effects of differing oocyte-secreted factors during mouse in vitro maturation on subsequent embryo and fetal development. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 295-306.	1.2	46
16	Bone Morphogenetic Protein 15 in the Pro-Mature Complex Form Enhances Bovine Oocyte Developmental Competence. <i>PLoS ONE</i> , 2014, 9, e103563.	1.1	45
17	Oocyte Induction of EGF Responsiveness in Somatic Cells Is Associated With the Acquisition of Porcine Oocyte Developmental Competence. <i>Endocrinology</i> , 2015, 156, 2299-2312.	1.4	44
18	Activation of Latent Human GDF9 by a Single Residue Change (Gly391Arg) in the Mature Domain. <i>Endocrinology</i> , 2012, 153, 1301-1310.	1.4	40

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19	Effects of ovarian stimulation, with and without human chorionic gonadotrophin, on oocyte meiotic and developmental competence in the marmoset monkey (<i>Callithrix jacchus</i>). <i>Theriogenology</i> , 2007, 68, 861-872.	0.9	33
20	Differences in the participation of TGF β superfamily signalling pathways mediating porcine and murine cumulus cell expansion. <i>Reproduction</i> , 2011, 142, 647-657.	1.1	33
21	Aberrant GDF9 Expression and Activation Are Associated With Common Human Ovarian Disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E615-E624.	1.8	29
22	Gray level Co-occurrence Matrices (GLCM) to assess microstructural and textural changes in pre-implantation embryos. <i>Molecular Reproduction and Development</i> , 2016, 83, 701-713.	1.0	29
23	Oocyte expression, secretion and somatic cell interaction of mouse bone morphogenetic protein 15 during the peri-ovulatory period. <i>Reproduction, Fertility and Development</i> , 2015, 27, 801.	0.1	22
24	Rationally Designed Probe for Reversible Sensing of Zinc and Application in Cells. <i>ACS Omega</i> , 2017, 2, 6201-6210.	1.6	20
25	Modifications of Human Growth Differentiation Factor 9 to Improve the Generation of Embryos From Low Competence Oocytes. <i>Molecular Endocrinology</i> , 2015, 29, 40-52.	3.7	16
26	Consequences of In Vitro Maturation of Oocytes on Cumulus Cell EGF-Like Peptide Signaling.. <i>Biology of Reproduction</i> , 2012, 87, 365-365.	1.2	0
27	C-type natriuretic peptide stimulates resumption of meiosis via a cGMP-dependant mechanism in porcine oocytes. <i>Reproduction Abstracts</i> , 0, , .	0.0	0