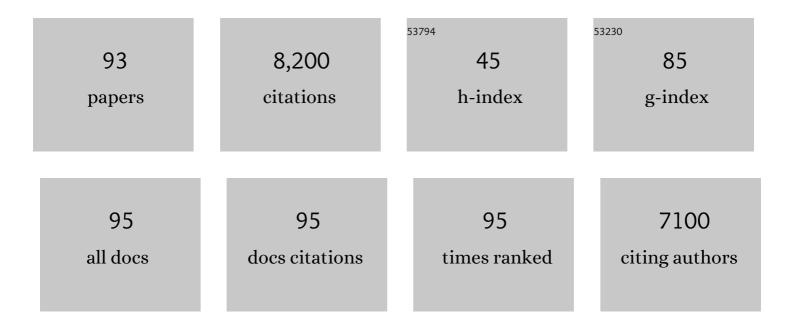
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cyclin D2 is an FSH-responsive gene involved in gonadal cell proliferation and oncogenesis. Nature, 1996, 384, 470-474.	27.8	668
2	Progesterone-regulated genes in the ovulation process: ADAMTS-1 and cathepsin L proteases. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 4689-4694.	7.1	484
3	Hormone-Induced Proliferation and Differentiation of Granulosa Cells: A Coordinated Balance of the Cell Cycle Regulators Cyclin D2 and p27 <sup>Kip1</sup> . Molecular Endocrinology, 1998, 12, 924-940.	3.7	383
4	Molecular mechanisms of ovulation: co-ordination through the cumulus complex. Human Reproduction Update, 2007, 13, 289-312.	10.8	349
5	Beta-Oxidation Is Essential for Mouse Oocyte Developmental Competence and Early Embryo Development1. Biology of Reproduction, 2010, 83, 909-918.	2.7	324
6	Obese Women Exhibit Differences in Ovarian Metabolites, Hormones, and Gene Expression Compared with Moderate-Weight Women. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1533-1540.	3.6	317
7	Lipids and oocyte developmental competence: the role of fatty acids and β-oxidation. Reproduction, 2014, 148, R15-R27.	2.6	287
8	High-Fat Diet Causes Lipotoxicity Responses in Cumulus–Oocyte Complexes and Decreased Fertilization Rates. Endocrinology, 2010, 151, 5438-5445.	2.8	285
9	Macrophage contributions to ovarian function. Human Reproduction Update, 2004, 10, 119-133.	10.8	277
10	Parenting from before conception. Science, 2014, 345, 756-760.	12.6	244
11	Mitochondrial dysfunction in oocytes of obese mothers: transmission to offspring and reversal by pharmacological endoplasmic reticulum stress inhibitors. Development (Cambridge), 2015, 142, 681-691.	2.5	223
12	Hormonal Control of the Cell Cycle in Ovarian Cells: Proliferation Versus Differentiation. Biology of Reproduction, 1998, 59, 476-482.	2.7	212
13	Molecular mechanisms of ovulation and luteinization. Molecular and Cellular Endocrinology, 1998, 145, 47-54.	3.2	205
14	Peroxisome Proliferator-Activated Receptor-Î <sup>3</sup> Agonist Rosiglitazone Reverses the Adverse Effects of Diet-Induced Obesity on Oocyte Quality. Endocrinology, 2008, 149, 2646-2656.	2.8	200
15	Exposure to lipid-rich follicular fluid is associated with endoplasmic reticulum stress and impaired ocyte maturation in cumulus-oocyte complexes. Fertility and Sterility, 2012, 97, 1438-1443.	1.0	153
16	Evidence that obesity alters the quality of oocytes and embryos. Pathophysiology, 2008, 15, 115-121.	2.2	149
17	Ovulation: a multi-gene, multi-step process. Steroids, 2000, 65, 559-570.	1.8	137
18	ADAMTS1 Cleavage of Versican Mediates Essential Structural Remodeling of the Ovarian Follicle and Cumulus-Oocyte Matrix During Ovulation in Mice1. Biology of Reproduction, 2010, 83, 549-557.	2.7	129

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19	Ovarian Expression of a Disintegrin and Metalloproteinase with Thrombospondin Motifs During Ovulation in the Gonadotropin-Primed Immature Rat1. Biology of Reproduction, 2000, 62, 1090-1095.	2.7	127
20	ICAM-1 expression in adipose tissue: effects of diet-induced obesity in mice. American Journal of Physiology - Cell Physiology, 2006, 291, C1232-C1239.	4.6	127
21	Coordination of Ovulation and Oocyte Maturation: A Good Egg at the Right Time. Endocrinology, 2018, 159, 3209-3218.	2.8	120
22	Expression of aromatase in the ovary: Down-regulation of mRNA by the ovulatory luteinizing hormone surge. Steroids, 1997, 62, 197-206.	1.8	119
23	Inflammatory pathways linking obesity and ovarian dysfunction. Journal of Reproductive Immunology, 2011, 88, 142-148.	1.9	118
24	Endoplasmic Reticulum (ER) Stress in Cumulus-Oocyte Complexes Impairs Pentraxin-3 Secretion, Mitochondrial Membrane Potential (ΔÎʿm), and Embryo Development. Molecular Endocrinology, 2012, 26, 562-573.	3.7	117
25	Regulation of Fatty Acid Oxidation in Mouse Cumulus-Oocyte Complexes during Maturation and Modulation by PPAR Agonists. PLoS ONE, 2014, 9, e87327.	2.5	117
26	Requirement for ADAMTS-1 in extracellular matrix remodeling during ovarian folliculogenesis and lymphangiogenesis. Developmental Biology, 2006, 300, 699-709.	2.0	113
27	Altered Glucose Metabolism in Mouse and Humans Conceived by IVF. Diabetes, 2014, 63, 3189-3198.	0.6	108
28	Peri-conception parental obesity, reproductive health, and transgenerational impacts. Trends in Endocrinology and Metabolism, 2015, 26, 84-90.	7.1	101
29	Increased Beta-Oxidation and Improved Oocyte Developmental Competence in Response to L-Carnitine During Ovarian In Vitro Follicle Development in Mice. Biology of Reproduction, 2011, 85, 548-555.	2.7	97
30	Utilization of endogenous fatty acid stores for energy production in bovine preimplantation embryos. Theriogenology, 2012, 77, 1632-1641.	2.1	93
31	Induction of Early Growth Response Protein-1 Gene Expression in the Rat Ovary in Response to an Ovulatory Dose of Human Chorionic Gonadotropin*. Endocrinology, 2000, 141, 2385-2391.	2.8	85
32	Ovarian leukocyte distribution and cytokine/chemokine mRNA expression in follicular fluid cells in women with polycystic ovary syndrome. Human Reproduction, 2007, 22, 527-535.	0.9	81
33	Control of oocyte release by progesterone receptor-regulated gene expression. Nuclear Receptor Signaling, 2009, 7, nrs.07012.	1.0	80
34	The impact of obesity on oocytes: evidence for lipotoxicity mechanisms. Reproduction, Fertility and Development, 2012, 24, 29.	0.4	78
35	Promoting lipid utilization with l-carnitine to improve oocyte quality. Animal Reproduction Science, 2012, 134, 69-75.	1.5	73
36	Null Mutation in Transforming Growth Factor β1 Disrupts Ovarian Function and Causes Oocyte Incompetence and Early Embryo Arrest. Endocrinology, 2006, 147, 835-845.	2.8	70

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37	Hormone Induction of Progesterone Receptor (PR) Messenger Ribonucleic Acid and Activation of PR Promoter Regions in Ovarian Granulosa Cells: Evidence for a Role of Cyclic Adenosine 3′,5′-Monophosphate but Not Estradiol. Molecular Endocrinology, 1998, 12, 1201-1214.	3.7	68
38	Nonesterified Fatty Acid-Induced Endoplasmic Reticulum Stress in Cattle Cumulus Oocyte Complexes Alters Cell Metabolism and Developmental Competence1. Biology of Reproduction, 2016, 94, 23.	2.7	66
39	The spatio-temporal dynamics of mitochondrial membrane potential during oocyte maturation. Molecular Human Reproduction, 2019, 25, 695-705.	2.8	66
40	Leukocyte Migration in Adipose Tissue of Mice Null for ICAMâ€1 and Macâ€1 Adhesion Receptors. Obesity, 2004, 12, 936-940.	4.0	61
41	Altered composition of the cumulus-oocyte complex matrix during in vitro maturation of oocytes. Human Reproduction, 2007, 22, 2842-2850.	0.9	60
42	Mitochondria-targeted therapeutics, MitoQ and BGP-15, reverse aging-associated meiotic spindle defects in mouse and human oocytes. Human Reproduction, 2021, 36, 771-784.	0.9	54
43	Female reproductive life span is extended by targeted removal of fibrotic collagen from the mouse ovary. Science Advances, 2022, 8, .	10.3	54
44	Development and Hormonal Regulation of the Ovarian Lymphatic Vasculature. Endocrinology, 2010, 151, 5446-5455.	2.8	49
45	Identification of Perilipin-2 as a lipid droplet protein regulated in oocytes during maturation. Reproduction, Fertility and Development, 2010, 22, 1262.	0.4	49
46	Heparan Sulfate Proteoglycans Regulate Responses to Oocyte Paracrine Signals in Ovarian Follicle Morphogenesis. Endocrinology, 2012, 153, 4544-4555.	2.8	48
47	Developmental programming of obesity and insulin resistance: does mitochondrial dysfunction in oocytes play a role?. Molecular Human Reproduction, 2015, 21, 23-30.	2.8	47
48	Sex-Specific Control of Human Heart Maturation by the Progesterone Receptor. Circulation, 2021, 143, 1614-1628.	1.6	42
49	Inflammatory markers in human follicular fluid correlate with lipid levels and Body Mass Index. Journal of Reproductive Immunology, 2018, 130, 25-29.	1.9	41
50	Suppressor of cytokine signaling 4 (SOCS4): Moderator of ovarian primordial follicle activation. Journal of Cellular Physiology, 2012, 227, 1188-1198.	4.1	38
51	Transient Invasive Migration in Mouse Cumulus Oocyte Complexes Induced at Ovulation by Luteinizing Hormone1. Biology of Reproduction, 2012, 86, 125.	2.7	37
52	PPAR Gamma: Coordinating Metabolic and Immune Contributions to Female Fertility. PPAR Research, 2008, 2008, 1-19.	2.4	36
53	A Hyperandrogenic Environment Causes Intrinsic Defects That Are Detrimental to Follicular Dynamics in a PCOS Mouse Model. Endocrinology, 2019, 160, 699-715.	2.8	32
54	Hemoglobin: a Gas Transport Molecule That Is Hormonally Regulated in the Ovarian Follicle in Mice and Humans1. Biology of Reproduction, 2015, 92, 26.	2.7	31

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55	Progesterone receptor-dependent regulation of genes in the oviducts of female mice. Physiological Genomics, 2014, 46, 583-592.	2.3	30
56	Recombinant human follicle-stimulating hormone alters maternal ovarian hormone concentrations and the uterus and perturbs fetal development in mice. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E761-E770.	3.5	29
57	Troglitazone Regulates Peroxisome Proliferator-Activated Receptors and Inducible Nitric Oxide Synthase in Murine Ovarian Macrophages1. Biology of Reproduction, 2006, 74, 153-160.	2.7	29
58	Activation of Mouse Cumulus-Oocyte Complex Maturation In Vitro Through EGF-Like Activity of Versican1. Biology of Reproduction, 2015, 92, 116.	2.7	28
59	Female offspring sired by diet induced obese male mice display impaired blastocyst development with molecular alterations to their ovaries, oocytes and cumulus cells. Journal of Assisted Reproduction and Genetics, 2015, 32, 725-735.	2.5	25
60	Regulation of the ovarian inflammatory response at ovulation by nuclear progesterone receptor. American Journal of Reproductive Immunology, 2018, 79, e12835.	1.2	25
61	Impaired Glucose Metabolism in Response to High Fat Diet in Female Mice Conceived by In Vitro Fertilization (IVF) or Ovarian Stimulation Alone. PLoS ONE, 2014, 9, e113155.	2.5	24
62	Molecular Filtration Properties of the Mouse Expanded Cumulus Matrix: Controlled Supply of Metabolites and Extracellular Signals to Cumulus Cells and the Oocyte1. Biology of Reproduction, 2012, 87, 89.	2.7	22
63	Expression and localisation of c-kit and KITL in the adult human ovary. Journal of Ovarian Research, 2015, 8, 31.	3.0	22
64	Distinct localisation of lipids in the ovarian follicular environment. Reproduction, Fertility and Development, 2015, 27, 593.	0.4	21
65	Identification of Sites of STAT3 Action in the Female Reproductive Tract through Conditional Gene Deletion. PLoS ONE, 2014, 9, e101182.	2.5	20
66	Effects of obesity on assisted reproductive technology outcomes. Fertility and Sterility, 2008, 89, 1611-1612.	1.0	19
67	Obesity and oocyte quality: significant implications for ART and emerging mechanistic insights. Biology of Reproduction, 2022, 106, 338-350.	2.7	18
68	Pubertal mammary gland development is a key determinant of adult mammographic density. Seminars in Cell and Developmental Biology, 2021, 114, 143-158.	5.0	17
69	Hyperglycaemia and lipid differentially impair mouse oocyte developmental competence. Reproduction, Fertility and Development, 2015, 27, 583.	0.4	15
70	Arrdc4â€dependent extracellular vesicle biogenesis is required for sperm maturation. Journal of Extracellular Vesicles, 2021, 10, e12113.	12.2	14
71	Induction of Early Growth Response Protein-1 Gene Expression in the Rat Ovary in Response to an Ovulatory Dose of Human Chorionic Gonadotropin. Endocrinology, 2000, 141, 2385-2391.	2.8	13
72	Altered pregnancy outcomes in mice following treatment with the hyperglycaemia mimetic, glucosamine, during the periconception period. Reproduction, Fertility and Development, 2013, 25, 405.	0.4	12

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73	The Mechanistic Basis for Sexual Dysfunction in Male Transforming Growth Factor Â1 Null Mutant Mice. Journal of Andrology, 2010, 31, 95-107.	2.0	10
74	Differential impacts of gonadotrophins, IVF and embryo culture on mouse blastocyst development. Reproductive BioMedicine Online, 2019, 39, 372-382.	2.4	10
75	Depletion of oocyte dynamin-related protein 1 shows maternal-effect abnormalities in embryonic development. Science Advances, 2022, 8, .	10.3	9
76	Transgenerational Obesity and Healthy Aging in Drosophila. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1582-1589.	3.6	8
77	A study relating the composition of follicular fluid and blood plasma from individual Holstein dairy cows to the inAvitro developmental competence of pooled abattoir-derived oocytes. Theriogenology, 2014, 82, 95-103.	2.1	7
78	Mouse GDF9 decreases KITL gene expression in human granulosa cells. Endocrine, 2015, 48, 686-695.	2.3	6
79	Exogenous transforming growth factor beta1 replacement and fertility in male Tgfb1 null mutant mice. Reproduction, Fertility and Development, 2009, 21, 561.	0.4	5
80	Ovulation: The Coordination of Intrafollicular Networks to Ensure Oocyte Release. , 2019, , 217-234.		5
81	Intraovarian, Isoform-Specific Transcriptional Roles of Progesterone Receptor in Ovulation. Cells, 2022, 11, 1563.	4.1	5
82	Cumulus Cells. , 2018, , 43-46.		4
83	Development of Automated Microscopyâ€Assisted Highâ€Content Multiparametric Assays for Cell Cycle Staging and Foci Quantitation. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 378-393.	1.5	4
84	Effect of obesity on the ovarian follicular environment and developmental competence of the oocyte. Current Opinion in Endocrine and Metabolic Research, 2021, 18, 152-158.	1.4	4
85	A Primate-Specific Mediator of Ovulation?. Endocrinology, 2016, 157, 4209-4211.	2.8	2
86	HENMT1 is involved in the maintenance of normal female fertility in the mouse. Molecular Human Reproduction, 2021, 27, .	2.8	2
87	Maternal and paternal sugar consumption interact to modify offspring life history and physiology. Functional Ecology, 2022, 36, 1124-1136.	3.6	2
88	Obesity and oocyte quality. , 0, , 362-370.		1
89	OR08-1 Context-Specific Chromatin Binding Properties of Progesterone Receptor and Consequential Effects on Gene Expression in Mouse Reproductive Tissues. Journal of the Endocrine Society, 2019, 3, .	0.2	1
90	INCREASED HEPATIC INJURY IN ICAM-1 DEFICIENT MICE EXPOSED TO LISTERIA MONOCYTOGENES. Critical Care Medicine, 2004, 32, A130.	0.9	0

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91	The Critical Granulosa Cell Complement: Lessons from the Cyclin D2 Knockout. , 2000, , 49-58.		Ο
92	78. Macrophage migration and luteal regression in ovaries of leukocyte adhesion molecule-deficient (ICAM-1 - / - ) mice. Reproduction, Fertility and Development, 2003, 15, 78.	0.4	0
93	Mitochondrial dysfunction in oocytes of obese mothers: transmission to offspring and reversal by pharmacological endoplasmic reticulum stress inhibitors. Journal of Cell Science, 2015, 128, e1-e1.	2.0	0