

# Lynda K McGinnis

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

10,355  
citations

186265  
28  
h-index

95266  
68  
g-index

85  
all docs

85  
docs citations

85  
times ranked

15456  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	12.2	6,961
2	Cyclin D2 is an FSH-responsive gene involved in gonadal cell proliferation and oncogenesis. <i>Nature</i> , 1996, 384, 470-474.	27.8	668
3	Targeted Disruption of Mouse Yin Yang 1 Transcription Factor Results in Peri-Implantation Lethality. <i>Molecular and Cellular Biology</i> , 1999, 19, 7237-7244.	2.3	331
4	Amino Acids and Preimplantation Development of the Mouse in Protein-Free Potassium Simplex Optimized Medium1. <i>Biology of Reproduction</i> , 2000, 63, 281-293.	2.7	209
5	Dicer1 Is Essential for Female Fertility and Normal Development of the Female Reproductive System. <i>Endocrinology</i> , 2008, 149, 6207-6212.	2.8	209
6	Extracellular Vesicles from Bovine Follicular Fluid Support Cumulus Expansion1. <i>Biology of Reproduction</i> , 2015, 93, 117.	2.7	131
7	Multiple mechanisms of germ cell loss in the perinatal mouse ovary. <i>Reproduction</i> , 2009, 137, 709-720.	2.6	110
8	Mouse Sperm Desiccated and Stored in Trehalose Medium Without Freezing1. <i>Biology of Reproduction</i> , 2005, 73, 627-633.	2.7	85
9	Polyvinyl alcohol and amino acids as substitutes for bovine serum albumin in culture media for mouse preimplantation embryos. <i>Human Reproduction Update</i> , 1997, 3, 125-135.	10.8	79
10	Desiccation Tolerance of Spermatozoa Dried at Ambient Temperature: Production of Fetal Mice1. <i>Biology of Reproduction</i> , 2003, 68, 1779-1786.	2.7	79
11	Pushing the limits of detection: investigation of cell-free DNA for aneuploidy screening in embryos. <i>Fertility and Sterility</i> , 2018, 110, 467-475.e2.	1.0	75
12	One-step versus two-step culture of mouse preimplantation embryos: is there a difference?. <i>Human Reproduction</i> , 2005, 20, 3376-3384.	0.9	73
13	Evidence that glucose is not always an inhibitor of mouse preimplantation development in vitro. <i>Human Reproduction</i> , 2001, 16, 153-163.	0.9	72
14	Stage-specific follicular extracellular vesicle uptake and regulation of bovine granulosa cell proliferation. <i>Biology of Reproduction</i> , 2017, 97, 644-655.	2.7	70
15	Perinatal outcomes after natural conception versus in vitro fertilization (IVF) in gestational surrogates: a model to evaluate IVF treatment versus maternal effects. <i>Fertility and Sterility</i> , 2017, 108, 993-998.	1.0	67
16	Enhanced effect of glycyl-L-glutamine on mouse preimplantation embryos in vitro. <i>Reproductive BioMedicine Online</i> , 2004, 9, 59-69.	2.4	62
17	Oogenesis: Prospects and challenges for the future. <i>Journal of Cellular Physiology</i> , 2008, 216, 355-365.	4.1	61
18	Mouse embryo development following IVF in media containing either l-glutamine or glycyl-l-glutamine. <i>Human Reproduction</i> , 2005, 20, 1364-1371.	0.9	58

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19	Localized activation of Src-family protein kinases in the mouse egg. <i>Developmental Biology</i> , 2007, 306, 241-254.	2.0	56
20	Functions of Fyn kinase in the completion of meiosis in mouse oocytes. <i>Developmental Biology</i> , 2009, 327, 280-287.	2.0	53
21	Protein tyrosine kinase signaling during oocyte maturation and fertilization. <i>Molecular Reproduction and Development</i> , 2011, 78, 831-845.	2.0	49
22	Long-term storage of mouse spermatozoa after evaporative drying. <i>Reproduction</i> , 2007, 133, 919-929.	2.6	47
23	The Autoimmune Regulator Prevents Premature Reproductive Senescence in Female Mice <sup>1</sup> . <i>Biology of Reproduction</i> , 2012, 86, 110.	2.7	43
24	Fyn kinase activity is required for normal organization and functional polarity of the mouse oocyte cortex. <i>Molecular Reproduction and Development</i> , 2009, 76, 819-831.	2.0	41
25	Mammalian oocytes are targets for prostaglandin E2 (PGE2) action. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 131.	3.3	38
26	MicroRNA in Ovarian Biology and Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a022962.	6.2	38
27	Micro-RNAs involved in cellular proliferation have altered expression profiles in granulosa of young women with diminished ovarian reserve. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1777-1786.	2.5	38
28	Discrepancies between the effects of glutamine in cultures of preimplantation mouse embryos. <i>Reproductive BioMedicine Online</i> , 2004, 9, 70-73.	2.4	33
29	Coordinate action of Wt1 and a modifier gene supports embryonic survival in the oviduct. <i>Molecular Reproduction and Development</i> , 1999, 52, 366-375.	2.0	28
30	Signaling Modalities During Oogenesis in Mammals. <i>Current Topics in Developmental Biology</i> , 2013, 102, 227-242.	2.2	28
31	Role of focal adhesion kinase in oocyte-follicle communication. <i>Molecular Reproduction and Development</i> , 2015, 82, 90-102.	2.0	28
32	The mutual benefits of research in wild animal species and human-assisted reproduction. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 551-560.	2.5	26
33	Imatinib treatments have long-term impact on placentation and embryo survival. <i>Scientific Reports</i> , 2019, 9, 2535.	3.3	26
34	Post-ovulatory aging of oocytes disrupts kinase signaling pathways and lysosome biogenesis. <i>Molecular Reproduction and Development</i> , 2014, 81, 928-945.	2.0	25
35	A View from the past into our collective future: the oncofertility consortium vision statement. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 3-15.	2.5	25
36	Dynamics of protein phosphorylation during meiotic maturation. <i>Journal of Assisted Reproduction and Genetics</i> , 2010, 27, 169-182.	2.5	24

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37	Role of Fyn kinase in oocyte developmental potential. <i>Reproduction, Fertility and Development</i> , 2010, 22, 966.	0.4	24
38	Blastulation timing is associated with differential mitochondrial content in euploid embryos. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 711-720.	2.5	24
39	Ovarian autoimmune disease: clinical concepts and animal models. <i>Cellular and Molecular Immunology</i> , 2014, 11, 510-521.	10.5	23
40	Cryopreservation of sheep embryos using ethylene glycol. <i>Animal Reproduction Science</i> , 1993, 30, 273-280.	1.5	19
41	Further optimization of mouse spermatozoa evaporative drying techniques. <i>Cryobiology</i> , 2009, 59, 113-115.	0.7	17
42	Autoimmune Regulator is required in female mice for optimal embryonic development and implantation. <i>Biology of Reproduction</i> , 2019, 100, 1492-1504.	2.7	16
43	Protein tyrosine kinase signaling in the mouse oocyte cortex during sperm-egg interactions and anaphase resumption. <i>Molecular Reproduction and Development</i> , 2013, 80, 260-272.	2.0	15
44	In vitro development of ovine embryos in CZB medium. <i>Theriogenology</i> , 1992, 37, 559-569.	2.1	14
45	Long-term imatinib diminishes ovarian reserve and impacts embryo quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1459-1466.	2.5	14
46	PTK2b function during fertilization of the mouse oocyte. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1212-1217.	2.1	12
47	Sperm-oocyte contact induces outside-in signaling via PYK2 activation. <i>Developmental Biology</i> , 2017, 428, 52-62.	2.0	12
48	Transfer the best and biopsy the rest? Blastocyst euploidy rates differ by morphology and day of biopsy. <i>Archives of Gynecology and Obstetrics</i> , 2021, 303, 249-258.	1.7	11
49	Influence of Trophectoderm Biopsy Prior to Frozen Blastocyst Transfer on Obstetrical Outcomes. <i>Reproductive Sciences</i> , 2021, 28, 3459-3465.	2.5	11
50	Germ-Somatic Cell Interactions Are Involved in Establishing the Follicle Reserve in Mammals. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 674137.	3.7	11
51	Reply: One-step versus two-step culture of mouse preimplantation embryos. <i>Human Reproduction</i> , 2006, 21, 1936-1939.	0.9	10
52	Effect of Age and Morphology on Live Birth Rate After Cleavage Stage Embryo Transfer. <i>Reproductive Sciences</i> , 2021, 28, 43-51.	2.5	10
53	The role of angiogenic markers in adverse perinatal outcomes: fresh versus frozen embryo transfers. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 1639-1643.	2.5	7
54	Developmental potential of immature human oocytes aspirated after controlled ovarian stimulation. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2291-2299.	2.5	7

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55	Intracytoplasmic sperm injection (ICSI) enables rescue of valuable mutant mouse strains. <i>Comparative Medicine</i> , 2003, 53, 265-9.	1.0	7
56	<i>Fer</i> tyrosine kinase is required for germinal vesicle breakdown and meiosis in mouse oocytes. <i>Molecular Reproduction and Development</i> , 2011, 78, 33-47.	2.0	6
57	What is the optimal timing of intracytoplasmic sperm injection (ICSI) after EGG retrieval? A randomized controlled trial. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2151-2156.	2.5	6
58	Effect of age and morphology on sustained implantation rate after euploid blastocyst transfer. <i>Reproductive BioMedicine Online</i> , 2021, 43, 395-403.	2.4	6
59	A catalyst for change in reproductive science: John D. Biggers as a mentor's mentor. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 979-994.	2.5	4
60	A validated model for predicting live birth after embryo transfer. <i>Scientific Reports</i> , 2021, 11, 10800.	3.3	4
61	Longitudinal antimüllerian hormone and its correlation with pubertal milestones. <i>F&amp;S Reports</i> , 2021, 2, 238-244.	0.7	3
62	MicroRNA Regulation of Endocrine Functions in the Ovary. , 2016, , 109-127.		2
63	Distinct microrna suggest differential gene regulation in granulosa cells in young women with normal ovarian reserve compared to YOUNG WOMEN WITH Diminished ovarian reserve. <i>Fertility and Sterility</i> , 2017, 107, e5.	1.0	2
64	Structural Aspects of Oocyte Maturation. , 2018, , 176-182.		2
65	Klotho: spinning up some new hype for decreased ovarian reserve research?. <i>Fertility and Sterility</i> , 2020, 114, 1174.	1.0	2
66	Association of bioavailable inhibin B and oocyte yield in controlled ovarian stimulation. <i>F&amp;S Reports</i> , 2021, 2, 189-194.	0.7	2
67	Effect of trophoctoderm biopsy for PGT-A on live birth rate per embryo in good prognosis patients. <i>Archives of Gynecology and Obstetrics</i> , 2022, 306, 1321-1327.	1.7	2
68	TRANSFER THE BEST AND BIOPSY THE REST? BLASTOCYST EUPLOIDY RATES VARY BASED ON MORPHOLOGY AND DAY OF BIOPSY. <i>Fertility and Sterility</i> , 2020, 113, e27-e29.	1.0	1
69	HOW LOW CAN YOU GO WITH OXYGEN CONCENTRATION?. <i>Fertility and Sterility</i> , 2020, 114, e113-e114.	1.0	1
70	Examining pre-term birth and cesarean section rates in gestational carrier pregnancies. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2707-2712.	2.5	1
71	Embryo morphology and live birth in the United States. <i>F&amp;S Reports</i> , 2022, 3, 131-137.	0.7	1
72	Pushing the limits of detection: is cell-free DNA a reliable source for aneuploidy screening?. <i>Fertility and Sterility</i> , 2018, 109, e8-e9.	1.0	0

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73	Examining the effects of temperature on embryo growth. <i>Fertility and Sterility</i> , 2019, 111, e36.	1.0	0
74	WHAT IS THE OPTIMAL TIMING OF INTRACYTOPLASMIC SPERM INJECTION (ICSI) AFTER EGG RETRIEVAL? A RANDOMIZED CONTROLLED TRIAL. <i>Fertility and Sterility</i> , 2020, 114, e2.	1.0	0
75	BIOAVAILABLE INHIBIN B (INHB) MAY BE A BETTER MARKER OF OOCYTE YIELD THAN CURRENTLY USED MARKERS OF OVARIAN RESERVE. <i>Fertility and Sterility</i> , 2020, 114, e453.	1.0	0
76	ALL TWIN PREGNANCIES ARE NOT THE SAME: EFFECT OF MATERNAL PARITY ON OUTCOMES OF TWIN PREGNANCIES CONCEIVED SPONTANEOUSLY VERSUS WITH ASSISTED REPRODUCTIVE TECHNOLOGY. <i>Fertility and Sterility</i> , 2020, 114, e124.	1.0	0
77	TROPHECTODERM BIOPSY PRIOR TO AUTOLOGOUS FROZEN BLASTOCYST TRANSFER IS NOT ASSOCIATED WITH ADVERSE OBSTETRICAL OUTCOMES. <i>Fertility and Sterility</i> , 2020, 114, e433.	1.0	0
78	BETTER LATE THAN NEVER?: IMMATURE OOCYTES THAT MATURE IN-VITRO LATER ON THE DAY OF RETRIEVAL AND UNDERGO INTRACYTOPLASMIC SPERM INJECTION ARE A VALUABLE SOURCE OF USABLE EMBRYOS. <i>Fertility and Sterility</i> , 2020, 114, e154-e155.	1.0	0
79	EFFECT OF TROPHECTODERM BIOPSY FOR PGT-A ON LIVE BIRTH RATE PER EMBRYO IN GOOD PROGNOSIS PATIENTS. <i>Fertility and Sterility</i> , 2021, 116, e389.	1.0	0
80	THE FULL ANALYSIS OF SART REGISTRY LIVE BIRTH RATES: LIVE BIRTH RATES PER FRESH OR FROZEN EMBRYO STRATIFIED BY EMBRYO AND PATIENT AGE. <i>Fertility and Sterility</i> , 2021, 116, e252.	1.0	0
81	Src-Family Protein Tyrosine Kinases Are Required for Meiotic Maturation in the Mouse.. <i>Biology of Reproduction</i> , 2008, 78, 191-192.	2.7	0
82	Protein Tyrosine Kinase Signaling During Sperm-Egg Interaction and Meiosis Resumption.. <i>Biology of Reproduction</i> , 2009, 81, 332-332.	2.7	0
83	Loss of Fyn kinase Impairs Oocyte Quality and Developmental Potential.. <i>Biology of Reproduction</i> , 2009, 81, 25-25.	2.7	0
84	Fer Tyrosine Kinase Is Required for GVBD and Metaphase-I Spindle Organization.. <i>Biology of Reproduction</i> , 2010, 83, 559-559.	2.7	0
85	Focal Adhesion Kinase (FAK) Regulates Oocyte-Granulosa Contacts and Subsequent Oocyte Developmental Potential.. <i>Biology of Reproduction</i> , 2012, 87, 302-302.	2.7	0