

CITATION REPORT

List of articles citing

Evaluation of oocyte quality: morphological, cellular and molecular predictors

DOI: 10.1071/rd06103

Reproduction, Fertility and Development, 2007, 19, 1-12.

Source: <https://exaly.com/paper-pdf/42138033/citation-report.pdf>

Version: 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
215	Gamete origin in relation to early embryo development. 2007 , 68 Suppl 1, S131-7		34
214	A simple method for selection of cumulus-oocyte complexes from bovine ovaries by sedimentation with percoll. 2007 , 53, 971-6		3
213	Life and death of female gametes during oogenesis and folliculogenesis. 2008 , 13, 1065-87		83
212	Factors affecting oocyte quality: who is driving the follicle?. 2008 , 43 Suppl 2, 393-400		67
211	Activation of human embryonic gene expression in cytoplasmic hybrid embryos constructed between bovine oocytes and human fibroblasts. 2008 , 10, 297-305		10
210	ART failure: oocyte contributions to unsuccessful fertilization. 2008 , 14, 431-46		189
209	Human Embryo Grading. 2008 , 25, 90-97		
208	Revisiting oocyte-somatic cell interactions: in search of novel intrafollicular predictors and regulators of oocyte developmental competence. 2008 , 14, 673-8		80
207	The role of PLC beta 1 in the control of oocyte meiosis during folliculogenesis. 2008 , 15, 661-72		4
206	A novel biological role of tachykinins as an up-regulator of oocyte growth: identification of an evolutionary origin of tachykininergic functions in the ovary of the ascidian, <i>Ciona intestinalis</i> . 2008 , 149, 4346-56		48
205	Ultrastructural evaluation of in vitro-matured canine oocytes. <i>Reproduction, Fertility and Development</i> , 2008 , 20, 626-39	1.8	9
204	The position of the germinal vesicle and the chromatin organization together provide a marker of the developmental competence of mouse antral oocytes. 2009 , 138, 639-43		30
203	Effects of age and equine follicle-stimulating hormone (eFSH) on collection and viability of equine oocytes assessed by morphology and developmental competency after intracytoplasmic sperm injection (ICSI). <i>Reproduction, Fertility and Development</i> , 2009 , 21, 615-23	1.8	39
202	Maternal diabetes causes mitochondrial dysfunction and meiotic defects in murine oocytes. 2009 , 23, 1603-12		151
201	Oocyte aging: cellular and molecular changes, developmental potential and reversal possibility. 2009 , 15, 573-85		332
200	Optimizing IVF with sexed sperm in cattle. 2009 , 71, 39-47		33
199	The role of brain-derived neurotrophic factor in mouse oocyte maturation in vitro. 2010 , 30, 781-5		4

198	Procedure for rapid oocyte selection based on quantitative analysis of cumulus cell gene expression. 2010 , 27, 429-34		3
197	Association of creatin kinase B and peroxiredoxin 2 expression with age and embryo quality in cumulus cells. 2010 , 27, 629-39		30
196	DNA fragmentation in canine immature grade 1 cumulus-oocyte complexes. 2010 , 45, e275-81		4
195	Assessment of transcript and protein levels contributing to cell cycle control and gap junction connections in morphologically variable groups of porcine cumulus-oocyte complexes. 2010 , 55, 512-521		8
194	Short-term preservation of porcine oocytes in ambient temperature: novel approaches. 2010 , 5, e14242		18
193	Cumulus cell gene expression following the LH surge in bovine preovulatory follicles: potential early markers of oocyte competence. 2010 , 140, 835-52		67
192	Transcriptomic profiling of human oocytes: association of meiotic aneuploidy and altered oocyte gene expression. 2010 , 16, 570-82		50
191	Noninvasive index of cryorecovery and growth potential for human follicles in vitro. 2010 , 82, 1180-9		36
190	Challenge testing of gametes to enhance their viability. <i>Reproduction, Fertility and Development</i> , 2010 , 22, 40-6	1.8	5
189	Review: Lamin A/C, caspase-6, and chromatin configuration during meiosis resumption in the mouse oocyte. 2010 , 17, 102-15		11
188	Maternal diabetes and oocyte quality. 2010 , 10, 403-10		59
187	A novel two-step strategy for in vitro culture of early-stage ovarian follicles in the mouse. 2010 , 93, 2633-9		116
186	The role of brain-derived neurotrophic factor in mouse oocyte maturation in vitro involves activation of protein kinase B. 2010 , 73, 1096-103		17
185	Structural, metabolic and developmental evaluation of ovulated rabbit oocytes before and after cryopreservation by vitrification and slow freezing. 2010 , 74, 847-55		24
184	Cryopreservation of ovarian tissue: an emerging technology for female germline preservation of endangered species and breeds. 2010 , 122, 151-63		70
183	Routine morphological scoring systems in assisted reproduction treatment fail to reflect age-related impairment of oocyte and embryo quality. 2010 , 21, 118-25		25
182	Neuropeptides, hormone peptides, and their receptors in <i>Ciona intestinalis</i> : an update. 2010 , 27, 134-53		34
181	Effect of the position of the polar body during ICSI on fertilization rate and embryo development. 2010 , 17, 849-53		17

180	Evaluation of bovine zona pellucida characteristics in polarized light as a prognostic marker for embryonic developmental potential. 2011 , 141, 779-87	17
179	Dynamic changes in gene expression during human early embryo development: from fundamental aspects to clinical applications. 2011 , 17, 272-90	81
178	Hormone-induced delayed ovulation affects early embryonic development. 2011 , 95, 2390-4	15
177	Influence of follicular fluid GDF9 and BMP15 on embryo quality. 2011 , 95, 2274-8	66
176	Human cumulus cell gene expression as a biomarker of pregnancy outcome after single embryo transfer. 2011 , 96, 47-52.e2	125
175	G6PDH-activity in equine oocytes correlates with morphology, expression of candidate genes for viability, and preimplantative in vitro development. 2011 , 76, 1215-26	25
174	BIM EL-mediated apoptosis in cumulus cells contributes to degenerative changes in aged porcine oocytes via a paracrine action. 2011 , 76, 1487-95	22
173	Rescue ICSI: Choose the Optimal Rescue Window before Oocyte Aging. 2011 , 22, 29-36	6
172	Protein profile changes during porcine oocyte aging and effects of caffeine on protein expression patterns. 2011 , 6, e28996	28
171	Relevance and Methodology for the Morphological Analysis of Oocyte Quality in IVF and ICSI. 2011 , 2, 1-13	3
170	Somatic cell nuclear reprogramming of mouse oocytes endures beyond reproductive decline. 2011 , 10, 80-95	19
169	Detection of follicular fluid and serum antibodies by protein microarrays in women undergoing in vitro fertilization treatment. 2011 , 89, 62-9	7
168	Biomarkers of human oocyte developmental competence expressed in cumulus cells before ICSI: a preliminary study. 2011 , 28, 173-88	63
167	Evaluation of maturation competence of metaphase II oocytes in mice based on the distance between pericentriolar materials of meiotic spindle: distance of PCM during oocyte maturation. 2011 , 28, 157-66	9
166	New insights into the role of centrosomes in mammalian fertilization and implications for ART. 2011 , 142, 793-801	44
165	Oocyte retrieval and selection. 2012 , 96-113	
164	Epigenetic changes associated with oocyte aging. 2012 , 55, 670-6	18
163	Expression of maturation genes and their receptors during in vitro maturation of sheep COCs in the presence and absence of somatic cells of cumulus origin. 2012 , 77, 12-20	24

162	Changes in histone acetylation during oocyte meiotic maturation in the diabetic mouse. 2012 , 78, 784-92		20
161	Impact of preovulatory estradiol concentrations on conceptus development and uterine gene expression. 2012 , 133, 16-26		37
160	Viability, maturation and embryo development in vitro of immature porcine and ovine oocytes vitrified in different devices. 2012 , 64, 261-6		19
159	Overfeeding and underfeeding have detrimental effects on oocyte quality measured by in vitro fertilization and early embryonic development in sheep. 2012 , 43, 289-98		45
158	Cumulative Morphological Assessment of Embryo Quality. 2012 , 385-404		
157	A simple and high-throughput method to assess maturation status of bovine oocytes: comparison of anti-lamin A/C-DAPI with an aceto-orcein staining technique. 2012 , 78, 1633-8		17
156	Zona pellucida birefringence correlates with developmental capacity of bovine oocytes classified by maturational environment, COC morphology and G6PDH activity. <i>Reproduction, Fertility and Development</i> , 2012 , 24, 568-79	1.8	13
155	Timing of first embryonic cleavage is a positive indicator of the in vitro developmental potential of porcine embryos derived from in vitro fertilization, somatic cell nuclear transfer and parthenogenesis. 2012 , 79, 197-207		36
154	Selection of birefringent spermatozoa under Polscope: effect on intracytoplasmic sperm injection outcome. 2012 , 44 Suppl 1, 734-8		13
153	Prediction of oocyte developmental competence in ovine using glucose-6-phosphate dehydrogenase (G6PDH) activity determined at retrieval time. 2012 , 29, 153-8		26
152	Mitochondrial content and gene expression profiles in oocyte-derived embryos of cattle selected on the basis of brilliant cresyl blue staining. 2013 , 142, 19-27		12
151	Optimising vitrification of human oocytes using multiple cryoprotectants and morphological and functional assessment. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 918-26	1.8	14
150	Melatonin prevents postovulatory oocyte aging in the mouse and extends the window for optimal fertilization in vitro. 2013 , 88, 67		98
149	New molecular markers for the evaluation of gamete quality. 2013 , 30, 207-12		37
148	Mitochondria and mammalian reproduction. 2013 , 379, 74-84		40
147	Age-associated changes in gene expression of goat oocytes. 2013 , 80, 328-36		23
146	Comparative multiplex analysis of cytokines, chemokines and growth factors in follicular fluid of normoresponder women undergoing ovum donation with gonadotropin-releasing hormone agonist versus gonadotropin-releasing hormone antagonist protocols. 2013 , 6, 205-12		5
145	Selection of bovine oocytes by brilliant cresyl blue staining: effect on meiosis progression, organelle distribution and embryo development. 2013 , 21, 250-5		31

144	Cumulus Cell Gene Expression as a Marker of Oocyte Quality. 2013 , 231-252		2
143	Maturation environment and impact on subsequent developmental competence of bovine oocytes. 2013 , 48 Suppl 1, 38-43		34
142	Metabolite Profiling in the Pursuit of Biomarkers for IVF Outcome: The Case for Metabolomics Studies. 2013 , 2013, 603167		13
141	Assessment of mouse germinal vesicle stage oocyte quality by evaluating the cumulus layer, zona pellucida, and perivitelline space. 2014 , 9, e105812		11
140	Microfluidic method of pig oocyte quality assessment in relation to different follicular size based on lab-on-chip technology. 2014 , 2014, 467063		1
139	A role of lipid metabolism during cumulus-oocyte complex maturation: impact of lipid modulators to improve embryo production. 2014 , 2014, 692067		71
138	Developmental competence of equine oocytes: impacts of zona pellucida birefringence and maternally derived transcript expression. <i>Reproduction, Fertility and Development</i> , 2014 , 26, 441-52	1.8	9
137	The impact of mitochondrial function/dysfunction on IVF and new treatment possibilities for infertility. 2014 , 12, 111		91
136	The root of reduced fertility in aged women and possible therapeutic options: current status and future prospects. 2014 , 38, 54-85		81
135	Intracellular glutathione content, developmental competence and expression of apoptosis-related genes associated with G6PDH-activity in goat oocyte. 2014 , 31, 313-21		21
134	Developmental competence of IVM pig oocytes after SCNT in relation to the shrinkage pattern induced by hyperosmotic treatment. 2014 , 81, 974-81		11
133	Free Radical Biology and Reproductive Health in Diabetes. 2014 , 2789-2813		3
132	The study of mammalian oocyte competence by transcriptome analysis: progress and challenges. 2014 , 20, 103-16		58
131	Sirt2 functions in spindle organization and chromosome alignment in mouse oocyte meiosis. 2014 , 28, 1435-45		76
130	Increased GDF9 and BMP15 mRNA levels in cumulus granulosa cells correlate with oocyte maturation, fertilization, and embryo quality in humans. 2014 , 12, 81		80
129	Prolactin affects bovine oocytes through direct and cumulus-mediated pathways. 2014 , 82, 1154-64		8
128	Effects of growth differentiation factor 9 and bone morphogenetic protein 15 on the in vitro maturation of porcine oocytes. 2014 , 49, 219-27		42
127	Molecular signatures of bovine embryo developmental competence. <i>Reproduction, Fertility and Development</i> , 2013 , 26, 22-36	1.8	11

126	Association of glucose-6-phosphate dehydrogenase activity with oocyte cytoplasmic lipid content, developmental competence, and expression of candidate genes in a sheep model. 2014 , 31, 1089-98	13
125	Sperm content of postacrosomal WW binding protein is related to fertilization outcomes in patients undergoing assisted reproductive technology. 2014 , 102, 440-7	48
124	A novel role for DNA methyltransferase 1 in regulating oocyte cytoplasmic maturation in pigs. 2015 , 10, e0127512	16
123	Hydrogen sulfide donor protects porcine oocytes against aging and improves the developmental potential of aged porcine oocytes. 2015 , 10, e0116964	10
122	Differing roles of pyruvate dehydrogenase kinases during mouse oocyte maturation. 2015 , 128, 2319-29	21
121	Expression of TGFβ superfamily components and other markers of oocyte quality in oocytes selected by brilliant cresyl blue staining: relevance to early embryonic development. 2015 , 82, 251-64	22
120	The developmental origins of the mammalian ovarian reserve. 2015 , 142, 2554-63	79
119	Follicular fluid and mural granulosa cells microRNA profiles vary in in vitro fertilization patients depending on their age and oocyte maturation stage. 2015 , 104, 1037-1046.e1	42
118	Melamine negatively affects oocyte architecture, oocyte development and fertility in mice. 2015 , 30, 1643-52	34
117	Laser researches on livestock semen and oocytes: A brief review. 2015 , 6, 311-7	13
116	Effects of coculture with cumulus-derived somatic cells on in vitro maturation of porcine oocytes. 2015 , 83, 294-305	28
115	Expressão gênica em ovócitos suínos de diferentes classificações morfológicas. 2016 , 68, 321-326	
114	Identification of a key role for permeability glycoprotein in enhancing the cellular defense mechanisms of fertilized oocytes. 2016 , 417, 63-76	11
113	Rab6a is a novel regulator of meiotic apparatus and maturational progression in mouse oocytes. 2016 , 6, 22209	6
112	Linolenic acid improves oocyte developmental competence and decreases apoptosis of in vitro-produced blastocysts in goat. 2016 , 24, 537-48	7
111	EZH2 is required for mouse oocyte meiotic maturation by interacting with and stabilizing spindle assembly checkpoint protein BubRI. 2016 , 44, 7659-72	17
110	Comparative Proteomic Analysis of Buffalo Oocytes Matured in vitro Using iTRAQ Technique. 2016 , 6, 31795	11
109	Fluoride impairs oocyte maturation and subsequent embryonic development in mice. 2016 , 31, 1486-1495	22

108	Comparison of different fertilisation media for an in vitro maturation?fertilisation?culture system using flow-cytometrically sorted X chromosome-bearing spermatozoa for bovine embryo production. <i>Reproduction, Fertility and Development</i> , 2015 ,	1.8
107	Protective effect of antioxidants on the pre-maturation aging of mouse oocytes. 2017 , 7, 1434	24
106	Intersectin 2 controls actin cap formation and meiotic division in mouse oocytes through the Cdc42 pathway. 2017 , 31, 4277-4285	10
105	A novel force sensing platform using passive magnetic springs for mechanical characterisation of human oocytes. 2017 , 262, 114-122	5
104	Early germinal vesicle breakdown is a predictor of high preimplantation developmental competent oocytes in mice. 2017 , 25, 41-48	5
103	Meiotic arrest with roscovitine and follicular fluid improves cytoplasmic maturation of porcine oocytes by promoting chromatin de-condensation and gene transcription. 2017 , 7, 11574	19
102	Histone deacetylase 6 (HDAC6) is an essential factor for oocyte maturation and asymmetric division in mice. 2017 , 7, 8131	13
101	The lipid peroxidation product 4-hydroxynonenal contributes to oxidative stress-mediated deterioration of the ageing oocyte. 2017 , 7, 6247	54
100	Caffeine delays oocyte aging and maintains the quality of aged oocytes safely in mouse. 2017 , 8, 20602-20611	14
99	Successful Pregnancy after Treatment with Chinese Herbal Medicine in a 43-Year-Old Woman with Diminished Ovarian Reserve and Multiple Uterus Fibrosis: A Case Report. 2017 , 4,	5
98	Mesenchymal Stem Cell-Conditioned Medium Modulates Apoptotic and Stress-Related Gene Expression, Ameliorates Maturation and Allows for the Development of Immature Human Oocytes after Artificial Activation. 2017 , 8,	8
97	The toxic effects and possible mechanisms of Brusatol on mouse oocytes. 2017 , 12, e0177844	9
96	Protective effects of resveratrol against mancozeb induced apoptosis damage in mouse oocytes. 2017 , 8, 6233-6245	31
95	Timing of sperm capacitation varies reproducibly among men. 2018 , 85, 387-396	8
94	Resveratrol reverses the adverse effects of a diet-induced obese murine model on oocyte quality and zona pellucida softening. 2018 , 9, 2623-2633	16
93	Effects of pre-incubation with C-type natriuretic peptide on nuclear maturation, mitochondrial behavior, and developmental competence of sheep oocytes. 2018 , 497, 200-206	10
92	Sodium fluoride disturbs DNA methylation of NNAT and declines oocyte quality by impairing glucose transport in porcine oocytes. 2018 , 59, 223-233	18
91	Detrimental effects of endometriosis on oocyte morphology in intracytoplasmic sperm injection cycles: a retrospective cohort study. 2018 , 34, 206-211	11

90	The CXCL12-CXCR4 signaling promotes oocyte maturation by regulating cumulus expansion in sheep. 2018 , 107, 85-94	15
89	Sirt1/Nrf2 pathway is involved in oocyte aging by regulating Cyclin B1. 2018 , 10, 2991-3004	25
88	Updating the markers for oocyte quality evaluation: intracellular temperature as a new index. 2018 , 17, 434-441	11
87	Oxidative damage in naturally aged mouse oocytes is exacerbated by dysregulation of proteasomal activity. 2018 , 293, 18944-18964	20
86	The production of pig preimplantation embryos in vitro: Current progress and future prospects. 2018 , 18, 203-211	30
85	Ovarian and Extra-Ovarian Mediators in the Development of Polycystic Ovary Syndrome. 2018 , 61, R161-R184	17
84	Proteomics and Metabolomics Studies and Clinical Outcomes. 2018 , 147-170	3
83	Oocyte-specific deletion of G β induces oxidative stress and deteriorates oocyte quality in mice. 2018 , 370, 579-590	9
82	Cytoplasmic and nuclear maturation of oocytes in mammals living in the shadow of cells developmental capability. 2018 , 6, 13-17	20
81	Melatonin attenuates postovulatory oocyte dysfunction by regulating SIRT1 expression. 2018 , 156, 81-92	31
80	Histone methyltransferase SETD2 is required for meiotic maturation in mouse oocyte. 2018 , 234, 661-668	9
79	Coenzyme Q10 ameliorates the quality of postovulatory aged oocytes by suppressing DNA damage and apoptosis. 2019 , 143, 84-94	34
78	Effect of butafosfan supplementation during oocyte maturation on bovine embryo development. 2019 , 27, 321-328	0
77	Prokineticin 1 is a new biomarker of human oocyte competence: expression and hormonal regulation throughout late folliculogenesis. 2019 , 101, 832-841	2
76	Use of oocytes selected by brilliant cresyl blue staining enhances rabbit cloned embryo development in vitro. 2019 , 27, 166-172	7
75	Compromised global embryonic transcriptome associated with advanced maternal age. 2019 , 36, 915-924	11
74	Can cytoplasmic donation rescue aged oocytes?. 2019 , 18, 128-139	6
73	Prevention of quality decline and delivery of siRNA using exogenous TCTP translocation across the zona pellucida in mouse oocytes. 2019 , 9, 18845	1

72	Fenoxaprop-ethyl affects mouse oocyte quality and the underlying mechanisms. 2019 , 75, 844-851	8
71	Increasing maternal age of blastocyst affects on efficient derivation and behavior of mouse embryonic stem cells. 2019 , 120, 3716-3726	6
70	Sensing Cell Membrane Biophysical Properties for Detection of High Quality Human Oocytes. 2019 , 4, 192-199	5
69	Antioxidant hesperetin improves the quality of porcine oocytes during aging in vitro. 2019 , 86, 32-41	19
68	Oocyte Meiotic Maturation. 2019 , 181-203	2
67	Genotypic divergence in mouse oocyte transcriptomes: possible pathways to hybrid vigor impacting fertility and embryogenesis. 2020 , 52, 96-109	2
66	Follicular fluid steroid profile in sows: relationship to follicle size and oocyte quality 2020 , 102, 740-749	6
65	Effects of EPA on bovine oocytes matured in vitro with antioxidants: Impact on the lipid content of oocytes and early embryo development. 2020 , 146, 152-161	6
64	Characterization of Metabolic Patterns in Mouse Oocytes during Meiotic Maturation. 2020 , 80, 525-540.e9	19
63	Inhibitory effects of astaxanthin on postovulatory porcine oocyte aging in vitro. 2020 , 10, 20217	10
62	Effect of Sericin Supplementation in Collection Medium on Bovine Oocyte Nuclear Maturation. 2020 , 478, 012006	
61	Maternal Bisphenol S exposure affects the reproductive capacity of F1 and F2 offspring in mice. 2020 , 267, 115382	6
60	Cellular and Molecular Events that Occur in the Oocyte during Prolonged Ovarian Storage in Sheep. 2020 , 10,	3
59	Bovine in vitro embryo production using media prepared with Milli-Q [®] Water or nanowater. 2020 , 20, 580-583	1
58	Versican expression level in cumulus cells is associated with human oocyte developmental competence. 2020 , 66, 176-184	8
57	Crosstalk between PTEN/PI3K/Akt Signalling and DNA Damage in the Oocyte: Implications for Primordial Follicle Activation, Oocyte Quality and Ageing. 2020 , 9,	34
56	In Vitro Maturation of Fully Grown Mouse Antral Follicles in the Presence of 1 nM 2-Hydroxyestradiol Improves Oocytes Developmental Competence. 2021 , 28, 121-133	0
55	Lipidomic changes in mouse oocytes vitrified in PEG 8000-supplemented vitrification solutions. 2021 , 99, 140-148	1

54	Applications of Microfluidics for In Vitro Fertilization and Embryo Culture. 2021 , 51-72	
53	Creating an Artificial 3-Dimensional Ovarian Follicle Culture System Using a Microfluidic System. 2021 , 12,	3
52	Coenzyme Q10 supplement rescues postovulatory oocyte aging by regulating SIRT4 expression. 2021 ,	4
51	Following de novo triglyceride dynamics in ovaries of <i>Aedes aegypti</i> during the previtellogenic stage. 2021 , 11, 9636	1
50	Oxidative stress in oocyte aging and female reproduction. 2021 ,	16
49	Oocyte Competence Biomarkers Associated With Oocyte Maturation: A Review. 2021 , 9, 710292	1
48	Role of Coenzyme Q in Health and Disease: An Update on the Last 10 Years (2010-2020). 2021 , 10,	5
47	Prediction of oocyte quality using mRNA transcripts screened by RNA sequencing of human granulosa cells. 2021 , 43, 413-420	0
46	Protective Mechanism of Luteinizing Hormone and Follicle-Stimulating Hormone Against Nicotine-Induced Damage of Mouse Early Folliculogenesis. 2021 , 9, 723388	0
45	Embryo culture and selection: morphological criteria. 2014 , 1154, 501-32	1
44	Effect of Cytochalasin B Treatment on the Improvement of Survival Rate in Vitrified Pig Oocyte. 2018 , 22, 245-252	1
43	Sirtuin Inhibition Adversely Affects Porcine Oocyte Meiosis. 2015 , 10, e0132941	14
42	N-acetyl-L-cysteine (NAC) delays post-ovulatory oocyte aging in mouse. 2019 , 11, 2020-2030	14
41	Tristetraprolin functions in cytoskeletal organization during mouse oocyte maturation. 2016 , 7, 53330-53338	4
40	Metabolic exchanges between the oocyte and its environment: focus on lipids.. <i>Reproduction, Fertility and Development</i> , 2021 , 34, 1-26	1.8
39	Postpartum cows showed high oocyte triacylglycerols concurrently with high plasma free fatty acids. 2021 , 176, 174-182	1
38	Cumulative Morphological Assessment of Embryo Quality. 2013 , 277-308	
37	Advances in teleost egg quality research. 2013 , 19, 545-555	

36	[Metabolomic profiling in culture media of day-5 human embryos]. 2017 , 63, 385-391		0
35	Human exhaled air can efficiently support maturation of porcine oocytes and subsequent early embryonic development. 2018 , 15, 29-38		0
34	EVALUATION OF FORMOL GEL SLIDE TEST WITH REFERENCE TO BLOOD MICROSCOPY AND ENZYME LINKED IMMUNOSORBANT ASSAY FOR DIAGNOSIS OF SURRA IN CATTLE. 2018 , 6, 437-442		
33	Endometriosis, Infertility, and Oocyte Quality. 2020 , 265-289		1
32	Parameters to identify good quality oocytes and embryos in cattle.. <i>Reproduction, Fertility and Development</i> , 2021 , 34, 190-202	1.8	1
31	Characterization of porcine oocytes stained with Lissamine Green B and their developmental potential. 2020 , 17, e20200533		0
30	An Update on Semen Physiology, Technologies, and Selection Techniques for the Advancement of In Vitro Equine Embryo Production: Section II. 2021 , 11,		
29	Cumulus-oocyte developmental competence: From morphological selection to molecular markers. 2020 , 084-086		
28	Atomic force spectroscopy-based assay to evaluate oocyte post-ovulatory ageing.		1
27	Metabolic Control of Germline Formation and Differentiation in Mammals.. 2022 , 1-16		0
26	Insights into the NAD biosynthesis pathways involved during meiotic maturation and spindle formation in porcine oocytes.. 2022 ,		2
25	LC-MS Analysis Revealed the Significantly Different Metabolic Profiles in Spent Culture Media of Human Embryos with Distinct Morphology, Karyotype and Implantation Outcomes.. 2022 , 23,		0
24	Epitalon protects against post-ovulatory aging-related damage of mouse oocytes .. 2022 , 14,		0
23	Metabolic control of oocyte development.. 2022 ,		0
22	Effect of Passage Number of Conditioned Medium Collected from Equine Amniotic Fluid Mesenchymal Stem Cells: Porcine Oocyte Maturation and Embryo Development. 2022 , 23, 6569		2
21	The effect of quercetin in the maturation media on cumulus-granulosa cells and the developmental competence of bovine oocytes. 2022 , 189, 262-269		0
20	Optical imaging detects metabolic signatures associated with oocyte quality.		0
19	Protective effect of resveratrol against cadmium-induced toxicity on ovine oocyte in vitro maturation and fertilization. 2022 , 13,		3

18	Aristolochic acid I exposure decreases oocyte quality. 10,	
17	The role of oxidative stress in ovarian aging: a review. 2022 , 15,	3
16	Perfluorooctanoic acid exposure in vivo perturbs mitochondrial metabolic during oocyte maturation.	o
15	Extracellular cell-free RNA profile in human large follicles and small follicles. 10,	o
14	Methods for Assessing Oocyte Quality: A Review of Literature. 2022 , 10, 2184	o
13	Mechanistic insights into HuR inhibitor MS-444 arresting embryonic development revealed by low-input RNA-seq and STORM.	o
12	Non-invasive assessment of oocyte developmental competence. 2022 ,	o
11	Effect of Ovarian Storage Temperature and Time on Post Thaw Viability and Maturation Rate of Vitrified Immature Oocytes in Sheep. 2022 , 43, 289-294	o
10	Oocyte quality assessment in marine invertebrates: a novel approach by fluorescence spectroscopy. 2022 , 55,	o
9	Mitochondria as a toxicological target for fungicides. 2023 , 493-526	o
8	Maternal exposure to 4-vinylcyclohexene diepoxide during pregnancy induces subfertility and birth defects of offspring in mice. 2023 , 859, 160431	o
7	Overexpression of Tfp2a in Mouse Oocytes Impaired Spindle and Chromosome Organization. 2022 , 23, 14376	o
6	Profiling of mitochondrial heteroplasmy in single human oocytes by next-generation sequencing.	o
5	Protocatechuic Acid Delays Postovulatory Oocyte Ageing in Mouse. 2200363	o
4	Oocyte quality evaluation: a review of engineering approaches toward clinical challenges.	o
3	Galectin-1 Used in Assisted Reproduction Embryo Safety and Toxicology Studies. 2023 , 28, 859	o
2	The apoptotic inhibitor z-DEVD-fmk improves the viability and maturation rates of Iberian red deer oocytes while reducing apoptotic markers. 2023 , 2, 100021	o
1	Human cumulus cells transcriptome provides a poor predictive value for embryo transfer outcome. 2023 ,	o

