

Programmed cell death and human embryo fragmentat

Molecular Human Reproduction

2, 93-98

DOI: [10.1093/molehr/2.2.93](https://doi.org/10.1093/molehr/2.2.93)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Ovary and ovulation: DNA fragmentation of oocytes in aged mice. Human Reproduction, 1996, 11, 1480-1483.	0.4	154
2	Cell death in the mammalian blastocyst. Molecular Human Reproduction, 1997, 3, 919-925.	1.3	295
3	Oocyte polarity and cell determination in early mammalian embryos. Molecular Human Reproduction, 1997, 3, 863-905.	1.3	262
4	IMPAIRED MOUSE FERTILIZATION BY LOW CHRONIC ALCOHOL TREATMENT. Alcohol and Alcoholism, 1997, 32, 563-572.	0.9	18
5	Detection of Deoxyribonucleic Acid Fragmentation in Human Sperm: Correlation with Fertilization in Vitro. Biology of Reproduction, 1997, 56, 602-607.	1.2	678
6	Simultaneous detection of chromosomes X, Y, 13, 18, and 21 by fluorescence in situ hybridization in blastomeres obtained from preimplantation embryos. Journal of Assisted Reproduction and Genetics, 1998, 15, 314-319.	1.2	15
7	Chromosomal mosaicism in cleavage-stage human embryos and the accuracy of single-cell genetic analysis. Journal of Assisted Reproduction and Genetics, 1998, 15, 276-280.	1.2	54
8	Dual labeling of the cytoskeleton and DNA strand breaks in porcine embryos produced in vivo and in vitro. Molecular Reproduction and Development, 1998, 51, 59-65.	1.0	47
9	Expression and regulation of genes associated with cell death during murine preimplantation embryo development. Molecular Reproduction and Development, 1998, 51, 243-253.	1.0	244
10	Hyperglycemia induces apoptosis in pre-implantation embryos through cell death effector pathways. Nature Medicine, 1998, 4, 1421-1424.	15.2	309
11	Genetic regulation of preimplantation mouse embryo survival. The Journal of Experimental Zoology, 1998, 282, 272-279.	1.4	54
12	Die Beurteilung der Eizellreifung und frÃ¼hen Embryonalentwicklung bei der assistierten Reproduktion. Reproduktionsmedizin, 1998, 14, 131-142.	0.1	2
13	Entwicklung und Differenzierung des Embryos. Der Gynakologe, 1998, 31, 307.	1.0	1
14	Sperm Deoxyribonucleic Acid Fragmentation is Increased in Poor-Quality Semen Samples and Correlates With Failed Fertilization in Intracytoplasmic Sperm Injection. Journal of Urology, 1998, 160, 1943-1943.	0.2	0
15	Reactive Oxygen Species: Potential Cause for DNA Fragmentation in Human Spermatozoa. Journal of Urology, 1998, 160, 1944-1944.	0.2	2
16	Detection of reactive oxygen species (ROS) and apoptosis in human fragmented embryos. Human Reproduction, 1998, 13, 998-1002.	0.4	424
17	Reactive oxygen species: potential cause for DNA fragmentation in human spermatozoa. Human Reproduction, 1998, 13, 896-900.	0.4	456
18	Sperm Deoxyribonucleic Acid Fragmentation is Increased in Poor-Quality Semen Samples and Correlates with Failed Fertilization in Intracytoplasmic Sperm Injection 1. Fertility and Sterility, 1998, 69, 528-532.	0.5	475

#	ARTICLE	IF	CITATIONS
19	Increased Incidence of Apoptosis in Transforming Growth Factor β -Deficient Mouse Blastocysts ¹ . <i>Biology of Reproduction</i> , 1998, 59, 136-144.	1.2	105
20	Dithiothreitol prevents age-associated decrease in oocyte/conceptus viability in vitro. <i>Human Reproduction</i> , 1998, 13, 381-386.	0.4	71
21	Annexin V labelling and terminal transferase-mediated DNA end labelling (TUNEL) assay in human arrested embryos. <i>Molecular Human Reproduction</i> , 1998, 4, 775-783.	1.3	53
22	Effect of maternal age and conditions of fertilization on programmed cell death during murine preimplantation embryo development. <i>Molecular Human Reproduction</i> , 1998, 4, 139-145.	1.3	69
23	Genetic regulation of egg and embryo survival. <i>Human Reproduction</i> , 1998, 13, 178-190.	0.4	94
24	The impact of cellular fragmentation induced experimentally at different stages of mouse preimplantation development. <i>Human Reproduction</i> , 1998, 13, 1307-1311.	0.4	12
25	Preparing for preimplantation genetic diagnosis in France. <i>Human Reproduction</i> , 1998, 13, 1022-1029.	0.4	5
26	Fluorescent in-situ hybridization on human embryos showing cleavage arrest after freezing and thawing. <i>Human Reproduction</i> , 1998, 13, 425-429.	0.4	35
27	Biochemical evidence for autocrine/paracrine regulation of apoptosis in cultured uterine epithelial cells during mouse embryo implantation in vitro. <i>Molecular Human Reproduction</i> , 1998, 4, 990-998.	1.3	54
28	DNA strand breaks and phosphatidylserine redistribution in newly ovulated and cultured mouse and human oocytes: occurrence and relationship to apoptosis. <i>Human Reproduction</i> , 1998, 13, 1317-1324.	0.4	68
29	Gamete-specific DNA fragmentation in unfertilized human oocytes after intracytoplasmic sperm injection. <i>Human Reproduction</i> , 1998, 13, 703-708.	0.4	75
30	Heat Shock Protein Expression During Gametogenesis and Embryogenesis. <i>Infectious Diseases in Obstetrics and Gynecology</i> , 1999, 7, 10-16.	0.4	41
31	Development of the human dispermic embryo. <i>Human Reproduction Update</i> , 1999, 5, 553-560.	5.2	44
32	DNA damage in round spermatids of mice with a targeted disruption of the Pp1c γ gene and in testicular biopsies of patients with non-obstructive azoospermia. <i>Molecular Human Reproduction</i> , 1999, 5, 323-330.	1.3	69
33	Temporal and spatial aspects of fragmentation in early human embryos: possible effects on developmental competence and association with the differential elimination of regulatory proteins from polarized domains. <i>Human Reproduction</i> , 1999, 14, 429-447.	0.4	240
34	Effects of Low Oxygen Condition on the Generation of Reactive Oxygen Species and the Development in Mouse Embryos Cultured <i>in vitro</i> *. <i>Journal of Obstetrics and Gynaecology Research</i> , 1999, 25, 359-366.	0.6	44
35	Relationship between dead cells and DNA fragmentation in bovine embryos produced in vitro and stored at 4 \pm 1/2C. <i>Molecular Reproduction and Development</i> , 1999, 54, 342-347.	1.0	34
36	A high degree of aneuploidy in frozen-thawed human preimplantation embryos. <i>Human Genetics</i> , 1999, 104, 376.	1.8	78

#	ARTICLE	IF	CITATIONS
37	Heat shock protein expression during gametogenesis and embryogenesis. , 1999, 7, 10-16.		12
38	Human embryo fragmentation in vitro and its implications for pregnancy and implantation. Fertility and Sterility, 1999, 71, 836-842.	0.5	335
39	Spermiogenesis Is Impaired in Mice Bearing a Targeted Mutation in the Protein Phosphatase 1c β Gene. Developmental Biology, 1999, 205, 98-110.	0.9	141
40	Developmental Activation of the Capability to Undergo Checkpoint-Induced Apoptosis in the Early Zebrafish Embryo. Developmental Biology, 1999, 209, 409-433.	0.9	98
41	A non-invasive method for measuring preimplantation embryo physiology. Zygote, 2000, 8, 15-24.	0.5	29
42	Apoptosis in the early bovine embryo. Zygote, 2000, 8, 57-68.	0.5	150
43	Embryo implantation after biopsy of one or two cells from cleavage-stage embryos with a view to preimplantation genetic diagnosis. Prenatal Diagnosis, 2000, 20, 1030-1037.	1.1	120
44	Increased Frequencies of Gene and Chromosome Mutations after X-Irradiation in Mouse Embryonal Carcinoma Cells Transfected with the bcl-2 Gene. Japanese Journal of Cancer Research, 2000, 91, 994-1000.	1.7	8
45	Human embryos derived from in vitro and in vivo matured oocytes: analysis for chromosomal abnormalities and nuclear morphology. Journal of Assisted Reproduction and Genetics, 2000, 17, 284-292.	1.2	18
46	Expression of apoptosis-related genes in human oocytes and embryos. Journal of Assisted Reproduction and Genetics, 2000, 17, 521-533.	1.2	37
47	The role of heat shock proteins in reproduction. Human Reproduction Update, 2000, 6, 149-159.	5.2	229
48	Smoking and reproduction: gene damage to human gametes and embryos. Human Reproduction Update, 2000, 6, 122-131.	5.2	341
49	Anti-Apoptotic Action of Insulin-Like Growth Factor-I During Human Preimplantation Embryo Development. Biology of Reproduction, 2000, 63, 1413-1420.	1.2	148
50	Noninvasive Measurement of Potassium Efflux as an Early Indicator of Cell Death in Mouse Embryos1. Biology of Reproduction, 2000, 63, 851-857.	1.2	47
51	High Insulin-Like Growth Factor 1 (IGF-1) and Insulin Concentrations Trigger Apoptosis in the Mouse Blastocyst via Down-Regulation of the IGF-1 Receptor**This work was supported in part by NIH through Grants RO1-HD-38061 (to K.H.M.), P60-DK-30579 (to K.H.M.), and the Washington University Clinical Nutrition Research Unit Center Grant P30-DK-56341 (to K.H.M.); and by the Burroughs Wellcome Fund through a Career Award in the Biomedical Sciences (to K.H.M.). Endocrinology, 2000, 141, 4784-4792.	1.4	139
52	Apoptosis in mammalian preimplantation embryos: Regulation by survival factors. Human Fertility, 2000, 3, 36-47.	0.7	74
53	Injection of Sperm Cytosolic Factor Into Mouse Metaphase II Oocytes Induces Different Developmental Fates According to the Frequency of [Ca ²⁺] _i Oscillations and Oocyte Age1. Biology of Reproduction, 2000, 62, 1370-1379.	1.2	83
54	Chromosome Aberrations in In Vitro-Produced Bovine Embryos at Days 2-5 Post-Insemination1. Biology of Reproduction, 2000, 63, 1143-1148.	1.2	88

#	ARTICLE	IF	CITATIONS
55	Microscopic assessment of pronuclear embryos is not definitive. <i>Human Genetics</i> , 2000, 107, 62-68.	1.8	23
56	Human oviductal cells reduce the incidence of apoptosis in cocultured mouse embryos. <i>Fertility and Sterility</i> , 2000, 74, 1215-1219.	0.5	39
57	Role of the in vitro fertilization laboratory in a negative pregnancy outcome. <i>Fertility and Sterility</i> , 2001, 75, 249-251.	0.5	9
58	The incidence of cytoplasmic fragmentation in mouse embryos in vitro is not affected by inhibition of caspase activity. <i>Fertility and Sterility</i> , 2001, 75, 986-991.	0.5	21
59	Embryo fragmentation in vitro and its impact on treatment and pregnancy outcome. <i>Fertility and Sterility</i> , 2001, 76, 281-285.	0.5	121
60	Can melatonin regulate the expression of prohormone convertase 1 and 2 genes via monomeric and dimeric forms of RZR/ROR nuclear receptor, and can melatonin influence the processes of embryogenesis or carcinogenesis by disturbing the proportion of cAMP and cGMP concentrations? Theoretic model of controlled apoptosis. <i>Medical Hypotheses</i> , 2001, 56, 181-193.	0.8	8
61	Genetic regulation of preimplantation embryo survival. <i>Current Topics in Developmental Biology</i> , 2001, 52, 151-192.	1.0	35
62	Genetic regulation of embryo death and senescence. <i>Theriogenology</i> , 2001, 55, 171-191.	0.9	136
63	Noninvasive measurement of hydrogen and potassium ion flux from single cells and epithelial structures. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1-C11.	2.1	72
64	Commuting the death sentence: how oocytes strive to survive. <i>Nature Reviews Molecular Cell Biology</i> , 2001, 2, 838-848.	16.1	329
65	Pregnancy after cytoplasmic transfer in a couple suffering from idiopathic infertility: Case report. <i>Human Reproduction</i> , 2001, 16, 1469-1472.	0.4	50
66	A microscopic and biochemical study of fragmentation phenotypes in stage-appropriate human embryos. <i>Human Reproduction</i> , 2001, 16, 719-729.	0.4	149
67	From cell death to embryo arrest: Mathematical models of human preimplantation embryo development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 1655-1660.	3.3	170
68	Expression of Fas and Fas ligand mRNA in rat and human preimplantation embryos. <i>Molecular Human Reproduction</i> , 2001, 7, 431-436.	1.3	26
69	Genetic and Epigenetic Factors Affecting Blastomere Fragmentation in Two-Cell Stage Mouse Embryos ¹ . <i>Biology of Reproduction</i> , 2001, 65, 1050-1056.	1.2	21
70	Genetic regulation of preimplantation embryo survival. <i>International Review of Cytology</i> , 2001, 210, 1-37.	6.2	41
71	Apoptosis and Cell Proliferation Potential of Bovine Embryos Stimulated with Insulin-Like Growth Factor I During In Vitro Maturation and Culture ¹ . <i>Biology of Reproduction</i> , 2002, 66, 386-392.	1.2	154
73	Haploidy but Not Parthenogenetic Activation Leads to Increased Incidence of Apoptosis in Mouse Embryos ¹ . <i>Biology of Reproduction</i> , 2002, 66, 204-210.	1.2	82

#	ARTICLE	IF	CITATIONS
74	Caspase activity in preimplantation human embryos is not associated with apoptosis. <i>Human Reproduction</i> , 2002, 17, 1584-1590.	0.4	39
75	Effects of insulin-like growth factors I and II on tumour-necrosis-factor- α -induced apoptosis in early murine embryos. <i>Reproduction, Fertility and Development</i> , 2002, 14, 79.	0.1	47
76	An Essential Role for Functional Telomeres in Mouse Germ Cells during Fertilization and Early Development. <i>Developmental Biology</i> , 2002, 249, 74-84.	0.9	145
77	Cell Cycle Synchronization of Porcine Fetal Fibroblasts by Serum Deprivation Initiates a Nonconventional Form of Apoptosis. <i>Cloning and Stem Cells</i> , 2002, 4, 231-243.	2.6	46
78	Levels of Environmental Contaminants in Human Follicular Fluid, Serum, and Seminal Plasma of Couples Undergoing In Vitro Fertilization. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 43, 121-126.	2.1	215
79	Sperm Immobilizing Antibodies in the Sera of Infertile Women Cause Low Fertilization Rates and Poor Embryo Quality In Vitro. <i>American Journal of Reproductive Immunology</i> , 2002, 47, 46-51.	1.2	32
80	Sperm single-stranded DNA, detected by acridine orange staining, reduces fertilization and quality of ICSI-derived embryos. <i>Journal of Assisted Reproduction and Genetics</i> , 2002, 19, 319-328.	1.2	102
81	Objective assessments of temperature maintenance using in vitro culture techniques. <i>Journal of Assisted Reproduction and Genetics</i> , 2002, 19, 368-375.	1.2	64
82	Characteristics of the cell membrane fluidity, actin fibers, and mitochondrial dysfunctions of frozen-thawed two-cell mouse embryos. <i>Molecular Reproduction and Development</i> , 2002, 61, 466-476.	1.0	97
83	Checkpoint for DNA integrity at the first mitosis after oocyte activation. <i>Molecular Reproduction and Development</i> , 2002, 62, 277-288.	1.0	16
84	Apoptosis in the preimplantation mouse embryo: Effect of strain difference and in vitro culture. <i>Molecular Reproduction and Development</i> , 2002, 61, 67-77.	1.0	87
85	TUNEL analyses of bovine blastocysts after culture with EGF and IGF-I. <i>Molecular Reproduction and Development</i> , 2003, 65, 51-56.	1.0	48
86	Role of reactive oxygen species in the pathophysiology of human reproduction. <i>Fertility and Sterility</i> , 2003, 79, 829-843.	0.5	1,190
87	Chromosomal information derived from single blastomeres isolated from cleavage-stage embryos and cultured in vitro. <i>Fertility and Sterility</i> , 2003, 79, 1304-1311.	0.5	12
88	Sperm preparation for ART. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 108.	1.4	396
89	Expression of apoptosis-related genes during human preimplantation embryo development: potential roles for the Harakiri gene product and Caspase-3 in blastomere fragmentation. <i>Molecular Human Reproduction</i> , 2003, 9, 133-141.	1.3	90
90	DNA fragmentation of spermatozoa and assisted reproduction technology. <i>Reproductive BioMedicine Online</i> , 2003, 7, 477-484.	1.1	226
91	Selection based on morphological assessment of oocytes and embryos at different stages of preimplantation development: a review. <i>Human Reproduction Update</i> , 2003, 9, 251-262.	5.2	255

#	ARTICLE	IF	CITATIONS
92	Maintenance of the Inner Cell Mass in Human Blastocysts from Fragmented Embryos. <i>Biology of Reproduction</i> , 2003, 68, 1165-1169.	1.2	126
93	Chronology of Apoptosis in Bovine Embryos Produced In Vivo and In Vitro. <i>Biology of Reproduction</i> , 2003, 69, 1193-1200.	1.2	188
94	Nucleolus in apoptosis-induced mouse preimplantation embryos. <i>Zygote</i> , 2003, 11, 271-283.	0.5	14
98	Micromanipulation in human assisted conception: an overview. , 2003, , 1-14.		0
99	Media and other consumables for micromanipulation. , 2003, , 15-28.		0
100	Narishige micromanipulation workstation systems. , 2003, , 29-60.		0
101	Eppendorf micromanipulation workstation systems. , 2003, , 61-78.		0
102	Research Instruments micromanipulation workstation systems. , 2003, , 79-90.		0
103	Instrument selection. , 2003, , 91-100.		0
104	Preparation of gametes for micromanipulation. , 2003, , 101-118.		0
105	Intracytoplasmic sperm injection. , 2003, , 119-152.		0
106	Zona manipulation and embryo biopsy. , 2003, , 153-166.		0
107	Microtool manufacture. , 2003, , 167-188.		0
108	Transgenesis and the generation of knock-out mice. , 2003, , 189-212.		0
109	New and advanced techniques. , 2003, , 213-220.		0
112	Using TUNEL in Combination with an Active Caspase-3 Immunoassay to Identify Cells Undergoing Apoptosis in Preimplantation Mammalian Embryos. , 2004, 254, 393-406.		9
113	Cytoplasmic transfer in oocytes: biochemical aspects. <i>Human Reproduction Update</i> , 2004, 10, 241-250.	5.2	38
114	Expression of Smac/DIABLO in mouse preimplantation embryos and its correlation to apoptosis and fragmentation. <i>Molecular Human Reproduction</i> , 2004, 11, 183-188.	1.3	9

#	ARTICLE	IF	CITATIONS
115	Trophic signals acting via phosphatidylinositol-3 kinase are required for normal pre-implantation mouse embryo development. <i>Journal of Cell Science</i> , 2004, 117, 1567-1576.	1.2	49
116	The development of cytogenetically normal, abnormal and mosaic embryos: a theoretical model. <i>Human Reproduction Update</i> , 2004, 10, 79-94.	5.2	103
117	TRAIL and KILLER Are Expressed and Induce Apoptosis in the Murine Preimplantation Embryo ¹ . <i>Biology of Reproduction</i> , 2004, 71, 871-877.	1.2	23
118	Fluorescence in situ hybridization analysis of two blastomeres from day 3 frozen-thawed embryos followed by analysis of the remaining embryo on day 5. <i>Human Reproduction</i> , 2004, 19, 685-693.	0.4	87
120	Role of reactive oxygen species in gynecologic diseases. <i>Reproductive Medicine and Biology</i> , 2004, 3, 177-199.	1.0	70
121	Apoptosis in Parthenogenetic Preimplantation Porcine Embryos ¹ . <i>Biology of Reproduction</i> , 2004, 70, 1644-1649.	1.2	78
122	Improved embryo development with decreased apoptosis in blastomeres after the treatment of cloned bovine embryos with β -mercaptoethanol and hemoglobin. <i>Molecular Reproduction and Development</i> , 2004, 67, 200-206.	1.0	12
123	Incidence of apoptosis in clone embryos and improved development by the treatment of donor somatic cells with putative apoptosis inhibitors. <i>Molecular Reproduction and Development</i> , 2004, 68, 65-71.	1.0	29
124	Expression of 11 members of the BCL-2 family of apoptosis regulatory molecules during human preimplantation embryo development and fragmentation. <i>Molecular Reproduction and Development</i> , 2004, 68, 35-50.	1.0	94
125	Deadly decisions: the role of genes regulating programmed cell death in human preimplantation embryo development. <i>Reproduction</i> , 2004, 128, 281-291.	1.1	106
126	Assessment of DNA fragmentation and aneuploidy on poor quality human embryos. <i>Reproductive BioMedicine Online</i> , 2004, 8, 196-206.	1.1	29
127	Effects of oxygen tension on the development and quality of porcine in vitro fertilized embryos. <i>Theriogenology</i> , 2004, 62, 1585-1595.	0.9	61
128	Effect of oxygen concentration on early cleavage of human embryos in vitro. <i>International Congress Series</i> , 2004, 1271, 147-150.	0.2	0
129	Genome activation and developmental block in bovine embryos. <i>Animal Reproduction Science</i> , 2004, 82-83, 13-20.	0.5	95
130	Evaluation of viability and apoptosis in horse embryos stored under different conditions at 5 \hat{A} °C. <i>Theriogenology</i> , 2004, 61, 921-932.	0.9	20
131	p66shc, but not p53, is involved in early arrest of in vitro-produced bovine embryos. <i>Molecular Human Reproduction</i> , 2004, 10, 383-392.	1.3	57
132	Influence of deoxyribonucleic acid damage on fertilization and pregnancy. <i>Fertility and Sterility</i> , 2004, 81, 965-972.	0.5	353
133	Nitric oxide is associated with poor embryo quality and pregnancy outcome in in vitro fertilization cycles. <i>Fertility and Sterility</i> , 2004, 82, 126-131.	0.5	47

#	ARTICLE	IF	CITATIONS
134	Relationship between human semen parameters and deoxyribonucleic acid damage assessed by the neutral comet assay. <i>Fertility and Sterility</i> , 2004, 82, 1623-1632.	0.5	72
135	Analysis of DNA Fragmentation of Porcine Embryos Exposed to Cryoprotectants. <i>Reproduction in Domestic Animals</i> , 2005, 40, 429-432.	0.6	30
136	Molecular mechanisms of trophoblast survival: From implantation to birth. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2005, 75, 262-280.	3.6	26
137	Sperm function and assisted reproduction technology. <i>Reproductive Medicine and Biology</i> , 2005, 4, 7-30.	1.0	26
138	Chromosomal disorders and nuclear and cell destruction in cleaving human embryos. <i>International Journal of Developmental Biology</i> , 2005, 49, 409-416.	0.3	20
139	Rybp/DEDAF Is Required for Early Postimplantation and for Central Nervous System Development. <i>Molecular and Cellular Biology</i> , 2005, 25, 7193-7202.	1.1	80
140	Apoptosis in rabbit embryos produced by fertilization or nuclear transfer with fibroblasts and cumulus cells. <i>Reproduction</i> , 2005, 130, 359-366.	1.1	5
141	Cytoplasmic fragmentation in activated eggs occurs in the cytokinetic phase of the cell cycle, in lieu of normal cytokinesis, and in response to cytoskeletal disorder. <i>Molecular Human Reproduction</i> , 2005, 11, 335-344.	1.3	37
142	Haploidy influences Bak and Bcl-xL mRNA expression and increases incidence of apoptosis in porcine embryos. <i>Zygote</i> , 2005, 13, 17-21.	0.5	18
143	Preimplantation development and viability of in vitro cultured rabbit embryos derived from in vivo fertilized gene-microinjected eggs: apoptosis and ultrastructure analyses. <i>Zygote</i> , 2005, 13, 125-137.	0.5	11
144	Porcine embryo development and fragmentation and their relation to apoptotic markers: a cinematographic and confocal laser scanning microscopic study. <i>Reproduction</i> , 2005, 129, 443-452.	1.1	76
145	Association of abnormal morphology and altered gene expression in human preimplantation embryos. <i>Fertility and Sterility</i> , 2005, 84, 343-355.	0.5	62
146	Sperm function and assisted reproduction technology. <i>Reproductive Medicine and Biology</i> , 2005, 4, 7-30.	1.0	31
147	Estradiol protects clomiphene citrate-induced apoptosis in ovarian follicular cells and ovulated cumulus-oocyte complexes. <i>Fertility and Sterility</i> , 2005, 84, 1163-1172.	0.5	36
148	The incidence of apoptosis after IVF with morphologically abnormal bovine spermatozoa. <i>Theriogenology</i> , 2005, 64, 1404-1421.	0.9	19
149	Effect of sperm DNA damage and sperm protamine deficiency on fertilization and embryo development post-ICSI. <i>Reproductive BioMedicine Online</i> , 2005, 11, 198-205.	1.1	125
150	Predictive factors for embryo implantation potential. <i>Reproductive BioMedicine Online</i> , 2005, 10, 653-668.	1.1	85
151	Ultrastructural Dynamics of Human Reproduction, from Ovulation to Fertilization and Early Embryo Development1. <i>International Review of Cytology</i> , 2006, 249, 53-141.	6.2	43

#	ARTICLE	IF	CITATIONS
152	Effect of fragment removal on blastocyst formation and quality of human embryos. <i>Reproductive BioMedicine Online</i> , 2006, 13, 823-832.	1.1	36
153	Predictors of embryo fragmentation and outcome after fragment removal in in vitro fertilization. <i>Fertility and Sterility</i> , 2006, 86, 321-324.	0.5	41
154	Oxidative stress in an assisted reproductive techniques setting. <i>Fertility and Sterility</i> , 2006, 86, 503-512.	0.5	293
155	The role of free radicals and antioxidants in reproduction. <i>Current Opinion in Obstetrics and Gynecology</i> , 2006, 18, 325-332.	0.9	362
156	Apoptosis-independent Poor Morphology of Bovine Embryos Produced by Multiple Ovulation. <i>Reproduction in Domestic Animals</i> , 2006, 41, 383-385.	0.6	5
157	Anti-apoptotic effect of insulin-like growth factor (IGF)-I and its receptor in porcine preimplantation embryos derived from in vitro fertilization and somatic cell nuclear transfer. <i>Molecular Reproduction and Development</i> , 2006, 73, 1523-1530.	1.0	33
158	Developmental potential of aged oocyte rescued by nuclear transfer following parthenogenetic activation and in vitro fertilization. <i>Molecular Reproduction and Development</i> , 2006, 73, 1448-1453.	1.0	26
160	Glucose utilization and the PI3-K pathway: mechanisms for cell survival in preimplantation embryos. <i>Reproduction</i> , 2006, 131, 823-835.	1.1	59
161	Temporal detection of caspase-3 and -7 in bovine in vitro produced embryos of different developmental capacity. <i>Reproduction</i> , 2007, 133, 709-718.	1.1	45
162	Supplements to in vitro maturation media affect the production of bovine blastocysts and their apoptotic index but not the proportions of matured and apoptotic oocytes. <i>Animal Reproduction Science</i> , 2007, 97, 334-343.	0.5	47
163	Expression of ganglioside GT1b in mouse embryos at different developmental stages after cryopreservation. <i>Archives of Pharmacal Research</i> , 2008, 31, 88-95.	2.7	8
164	Lack of aneuploidy for chromosomes 15, 16, and 18 in placentas from small-for-gestational-age liveborn infants. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 198, 231.e1-231.e7.	0.7	5
165	Chapter 7 Oocyte Quality and Maternal Control of Development. <i>International Review of Cell and Molecular Biology</i> , 2008, 268, 223-290.	1.6	67
166	Effects of different activation protocols on preimplantation development, apoptosis and ploidy of bovine parthenogenetic embryos. <i>Animal Reproduction Science</i> , 2008, 105, 292-301.	0.5	43
167	Don't judge a book by its cover; a quintuplet pregnancy following transfer of five poor-quality embryos. <i>Fertility and Sterility</i> , 2008, 90, 2007.e13-2007.e15.	0.5	1
169	Impact of oxidative stress on IVF. <i>Expert Review of Obstetrics and Gynecology</i> , 2008, 3, 539-554.	0.4	89
170	Hybrid Vigor and Transgenerational Epigenetic Effects on Early Mouse Embryo Phenotype1. <i>Biology of Reproduction</i> , 2008, 79, 638-648.	1.2	23
171	Distributions of high-density lipoprotein particle components in human follicular fluid and sera and their associations with embryo morphology parameters during IVF. <i>Human Reproduction</i> , 2008, 23, 1884-1894.	0.4	54

#	ARTICLE	IF	CITATIONS
172	Long-Term Effects of Mouse Intracytoplasmic Sperm Injection with DNA-Fragmented Sperm on Health and Behavior of Adult Offspring ¹ . <i>Biology of Reproduction</i> , 2008, 78, 761-772.	1.2	311
173	Female Infertility and Assisted Reproduction: Impact of Oxidative Stress. <i>Current Women's Health Reviews</i> , 2008, 4, 9-15.	0.1	6
174	An overview of determinants of oocyte and embryo developmental competence: specificity, accuracy and applicability in clinical IVF. , 2008, , 17-50.		0
175	Poor Embryo Development in Mouse Oocytes Aged In Vitro Is Associated with Impaired Calcium Homeostasis ¹ . <i>Biology of Reproduction</i> , 2009, 80, 493-502.	1.2	99
176	Pertinence of Apoptosis Markers for the Improvement of In Vitro Fertilization (IVF). <i>Current Medicinal Chemistry</i> , 2009, 16, 1905-1916.	1.2	34
177	Apoptosis of transgenic cloned and re-cloned bovine blastocysts. <i>Progress in Natural Science: Materials International</i> , 2009, 19, 821-826.	1.8	1
178	L-Carnitine decreases DNA damage and improves the in vitro blastocyst development rate in mouse embryos. <i>Fertility and Sterility</i> , 2009, 91, 589-596.	0.5	140
179	L-carnitine supplementation reduces oocyte cytoskeleton damage and embryo apoptosis induced by incubation in peritoneal fluid from patients with endometriosis. <i>Fertility and Sterility</i> , 2009, 91, 2079-2086.	0.5	76
181	Effects of SOF and CR1 media on developmental competence and cell apoptosis of ovine in vitro fertilization embryos. <i>Animal Reproduction Science</i> , 2009, 114, 279-288.	0.5	23
182	Nanonewton Force Sensing and Control in Microrobotic Cell Manipulation. <i>International Journal of Robotics Research</i> , 2009, 28, 1065-1076.	5.8	118
183	Genome-wide microarray evidence that 8-cell human blastomeres over-express cell cycle drivers and under-express checkpoints. <i>Journal of Assisted Reproduction and Genetics</i> , 2010, 27, 265-276.	1.2	44
184	Developmental consequences of alternative <i>Bcl-2</i> splicing during preimplantation embryo development. <i>FEBS Journal</i> , 2010, 277, 1219-1233.	2.2	10
185	Influence of Apoptosis in Bovine Embryo's Development. <i>Reproduction in Domestic Animals</i> , 2010, 45, 26-32.	0.6	27
186	High-density lipoprotein metabolism and the human embryo. <i>Human Reproduction Update</i> , 2010, 16, 20-38.	5.2	66
187	Early transcription from the maternal genome controlling blastomere integrity in mouse two-cell-stage embryos. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C1235-C1244.	2.1	8
188	Effect of oxygen tension and serum during IVM on developmental competence of bovine oocytes. <i>Reproduction, Fertility and Development</i> , 2010, 22, 1074.	0.1	14
189	DNA damage and repair in human oocytes and embryos: a review. <i>Zygote</i> , 2010, 18, 357-365.	0.5	223
190	Defragmentation of low grade day 3 embryos resulted in sustained reduction in fragmentation, but did not improve compaction or blastulation rates. <i>Fertility and Sterility</i> , 2010, 94, 2406-2408.	0.5	8

#	ARTICLE	IF	CITATIONS
191	Addition of sphingosine-1-phosphate to human oocyte culture medium decreases embryo fragmentation. <i>Reproductive BioMedicine Online</i> , 2010, 20, 328-334.	1.1	16
192	Pathogenesis, developmental consequences, and clinical correlations of human embryo fragmentation. <i>Fertility and Sterility</i> , 2011, 95, 1197-1204.	0.5	44
193	Fragmentation of embryos is associated with both necrosis and apoptosis. <i>Fertility and Sterility</i> , 2011, 96, 187-192.	0.5	40
194	Age does not influence the effect of embryo fragmentation on successful blastocyst development. <i>Fertility and Sterility</i> , 2011, 95, 2778-2780.	0.5	9
195	Mitochondrial function in the human oocyte and embryo and their role in developmental competence. <i>Mitochondrion</i> , 2011, 11, 797-813.	1.6	510
196	Morphometric analyses of embryos. , 2011, , 248-259.		0
197	Somatic cell nuclear reprogramming of mouse oocytes endures beyond reproductive decline. <i>Aging Cell</i> , 2011, 10, 80-95.	3.0	21
198	The effect of age on in vitro fertilization outcome: is too young possible?. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 101-106.	1.2	9
199	Mechanical Stress as a Regulator of Cytoskeletal Contractility and Nuclear Shape in Embryonic Epithelia. <i>Annals of Biomedical Engineering</i> , 2011, 39, 443-454.	1.3	26
200	Involvement of BCL2 family members in the regulation of human oocyte and early embryo survival and death: gene expression and beyond. <i>Reproduction</i> , 2011, 141, 549-561.	1.1	67
201	Detrimental effects of antibiotics on mouse embryos in chromatin integrity, apoptosis and expression of zygotically activated genes. <i>Zygote</i> , 2011, 19, 137-145.	0.5	9
202	Characterization of a recurrent poor-quality embryo morphology phenotype and zygote transfer as a rescue strategy. <i>Reproductive BioMedicine Online</i> , 2012, 24, 403-409.	1.1	11
203	Cumulative Morphological Assessment of Embryo Quality. , 2012, , 385-404.		0
204	The Association Between Microenvironmental Reactive Oxygen Species and Embryo Development in Assisted Reproduction Technology Cycles. <i>Reproductive Sciences</i> , 2012, 19, 725-732.	1.1	22
205	Release of superoxide dismutase-1 by day 3 embryos of varying quality and implantation potential. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 305-311.	1.2	13
206	Melatonin promotes embryonic development and reduces reactive oxygen species in vitrified mouse cell embryos. <i>Journal of Pineal Research</i> , 2012, 52, 305-311.	3.4	102
207	Investigation into Developmental Potential and Nuclear/Mitochondrial Function in Early Wood and Plains Bison Hybrid Embryos*. <i>Reproduction in Domestic Animals</i> , 2012, 47, 644-654.	0.6	3
208	Studies on Women's Health. , 2013, , .		7

#	ARTICLE	IF	CITATIONS
209	Mitochondrial DNA content in embryo culture medium is significantly associated with human embryo fragmentation. <i>Human Reproduction</i> , 2013, 28, 2652-2660.	0.4	118
210	Oxidative Stress in Assisted Reproductive Technologies. , 2013, , 205-236.		1
211	Morphological systems of human embryo assessment and clinical evidence. <i>Reproductive BioMedicine Online</i> , 2013, 26, 210-221.	1.1	116
212	Vitrification preserves chromatin integrity, bioenergy potential and oxidative parameters in mouse embryos. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 27.	1.4	32
213	Forced collapse of the blastocoel enhances survival of cryotop vitrified bovine hatching/hatched blastocysts derived from in vitro fertilization and somatic cell nuclear transfer. <i>Cryobiology</i> , 2013, 66, 195-199.	0.3	11
214	Quality control of embryo development. <i>Molecular Aspects of Medicine</i> , 2013, 34, 903-918.	2.7	44
215	Chromosomal integrity of human preimplantation embryos at different days post fertilization. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 633-648.	1.2	18
216	Ultrastructure of human gametes, fertilization and embryos in assisted reproduction: A personal survey. <i>Micron</i> , 2013, 44, 1-20.	1.1	23
217	The Disturbances of Endoplasmic Reticulum Calcium Homeostasis Caused by Increased Intracellular Reactive Oxygen Species Contributes to Fragmentation in Aged Porcine Oocytes1. <i>Biology of Reproduction</i> , 2013, 89, 124.	1.2	26
218	Functionalised gold nanoparticles for selective induction of <i>in vitro</i> apoptosis among human cancer cell lines. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 32-45.	1.3	51
219	ACE consensus meeting report: Culture systems. <i>Human Fertility</i> , 2014, 17, 239-251.	0.7	20
220	Morphological Assessment of Embryo Viability. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 114-126.	0.5	16
221	Amount of maternal body fat significantly affected the quality of isolated mouse preimplantation embryos and slowed down their development. <i>Theriogenology</i> , 2014, 81, 187-195.	0.9	17
222	DNA fragmentation, transgene expression and embryo development after intracytoplasmic injection of DNA-liposome complexes in IVF bovine zygotes. <i>Zygote</i> , 2014, 22, 195-203.	0.5	2
223	Morphometric analysis of human embryos to predict developmental competence. <i>Reproduction, Fertility and Development</i> , 2014, 26, 55.	0.1	9
224	Metabolic Determinants of Mitochondrial Function in Oocytes. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 396-400.	0.5	30
225	Temperature control in the IVF laboratory. , 0, , 79-103.		1
226	Ongoing Pregnancies following Cosmetic Micromanipulation of Preimplantation Embryos in Patients with Implantation Failure. <i>Case Reports in Medicine</i> , 2015, 2015, 1-4.	0.3	6

#	ARTICLE	IF	CITATIONS
227	Arrayed three-dimensional structures designed to induce and maintain a cell pattern by a topographical effect on cell behavior. <i>Materials Science and Engineering C</i> , 2015, 49, 256-261.	3.8	8
228	Effect of peroxiredoxin II on the quality and mitochondrial activity of pre-implantation bovine embryos. <i>Animal Reproduction Science</i> , 2015, 159, 172-183.	0.5	13
229	The effects of fertilization mode, embryo morphology at day 3, and female age on blastocyst formation and the clinical outcomes. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 50-56.	1.0	19
230	Different chromatin and energy/redox responses of mouse morulae and blastocysts to slow freezing and vitrification. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 22.	1.4	28
231	Fragmentation of human cleavage-stage embryos is related to the progression through meiotic and mitotic cell cycles. <i>Fertility and Sterility</i> , 2015, 103, 374-381.e4.	0.5	23
232	Association of <i>GSTM1</i> and <i>GSTT1</i> gene polymorphisms and <i>in-vitro</i> fertilisation outcome in a population in northern Iran. <i>Journal of Obstetrics and Gynaecology</i> , 2015, 35, 46-48.	0.4	5
233	Cell Cycle Arrest and Apoptosis Induction via Modulation of Mitochondrial Integrity by Bcl-2 Family Members and Caspase Dependence in <i>Dracaena cinnabari</i> -Treated H400 Human Oral Squamous Cell Carcinoma. <i>BioMed Research International</i> , 2016, 2016, 1-13.	0.9	33
234	Identification of a key role for permeability glycoprotein in enhancing the cellular defense mechanisms of fertilized oocytes. <i>Developmental Biology</i> , 2016, 417, 63-76.	0.9	15
235	Quality of preimplantation embryos recovered <i>in vivo</i> from dairy cows in relation to their body condition. <i>Zygote</i> , 2016, 24, 378-388.	0.5	7
236	Chromosomal instability in mammalian pre-implantation embryos: potential causes, detection methods, and clinical consequences. <i>Cell and Tissue Research</i> , 2016, 363, 201-225.	1.5	63
237	Polar body transfer restores the developmental potential of oocytes to blastocyst stage in a case of repeated embryo fragmentation. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 563-571.	1.2	22
238	Time-lapse imaging of cleavage divisions in embryo quality assessment. <i>Reproduction</i> , 2017, 154, R37-R53.	1.1	56
239	Differential effects of high and low glucose concentrations during lipolysis-like conditions on bovine <i>in vitro</i> oocyte quality, metabolism and subsequent embryo development. <i>Reproduction, Fertility and Development</i> , 2017, 29, 2284.	0.1	18
240	Shortening gametes co-incubation time improves live birth rate for couples with a history of fragmented embryos. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 331-337.	1.0	13
241	Cosmetic micromanipulation of vitrified-warmed cleavage stage embryos does not improve ART outcomes: An ultrastructural study of fragments. <i>Reproductive Biology</i> , 2017, 17, 210-217.	0.9	8
242	Carboxyethylgermanium sesquioxide (Ge-132) treatment during <i>in vitro</i> culture protects fertilized porcine embryos against oxidative stress induced apoptosis. <i>Journal of Reproduction and Development</i> , 2017, 63, 581-590.	0.5	12
243	Effect of morphokinetics and morphological dynamics of cleavage stage on embryo developmental potential: A time-lapse study. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2018, 57, 76-82.	0.5	29
244	Effects of catecholamines on secretion of interferon tau and expression of genes for synthesis of polyamines and apoptosis by ovine trophoderm. <i>Biology of Reproduction</i> , 2018, 99, 611-628.	1.2	18

#	ARTICLE	IF	CITATIONS
245	High serum IGF-1 levels are associated with pregnancy loss following frozen-thawed euploid embryo transfer cycles. <i>Journal of Reproductive Immunology</i> , 2018, 127, 7-10.	0.8	3
246	Time-Lapse Imaging for the Detection of Chromosomal Abnormalities in Primate Preimplantation Embryos. <i>Methods in Molecular Biology</i> , 2018, 1769, 293-317.	0.4	11
247	Early fragment removal on in vitro fertilization day 2 significantly improves the subsequent development and clinical outcomes of fragmented human embryos. <i>Clinical and Experimental Reproductive Medicine</i> , 2018, 45, 122-128.	0.5	12
248	Heat shock protein 90 α couples with the MAPK-signaling pathway to determine meiotic maturation of porcine oocytes1. <i>Journal of Animal Science</i> , 2018, 96, 3358-3369.	0.2	12
249	Vitamin E as an Antioxidant in Female Reproductive Health. <i>Antioxidants</i> , 2018, 7, 22.	2.2	57
250	The Gametotoxic Effects of the Endometrioma Content: Insights From a Parthenogenetic Human Model. <i>Reproductive Sciences</i> , 2019, 26, 573-579.	1.1	8
251	Gamete and Embryo Manipulation. , 2019, , 823-856.e14.		2
252	Analysis of Chemical Composition and Assessment of Cytotoxic, Antimicrobial, and Antioxidant Activities of the Essential Oil of <i>Meriandra dianthera</i> Growing in Saudi Arabia. <i>Molecules</i> , 2019, 24, 2647.	1.7	8
253	Human frozen-thawed blastocyst morphokinetics observed using time-lapse cinematography reflects the number of trophoctoderm cells. <i>PLoS ONE</i> , 2019, 14, e0210992.	1.1	15
254	Antioxidants and Male Fertility: from Molecular Studies to Clinical Evidence. <i>Antioxidants</i> , 2019, 8, 89.	2.2	100
255	DNA damage and repair in the female germline: contributions to ART. <i>Human Reproduction Update</i> , 2019, 25, 180-201.	5.2	46
256	L-carnitine reduces the adverse effects of ROS and up-regulates the expression of implantation related genes in in vitro developed mouse embryos. <i>Theriogenology</i> , 2020, 145, 59-66.	0.9	12
257	Extracellular Vesicles Derived From Apoptotic Cells: An Essential Link Between Death and Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 573511.	1.8	50
258	Senescence and Apoptosis During in vitro Embryo Development in a Bovine Model. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 619902.	1.8	33
259	Multi-frequency single cell electrical impedance measurement for label-free cell viability analysis. <i>Analyst, The</i> , 2021, 146, 1848-1858.	1.7	26
260	Direct embryotoxicity of chromium (III) exposure during preimplantation development. <i>Journal of Reproduction and Development</i> , 2021, 67, 283-290.	0.5	5
261	Analysis of Morphokinetic Parameters of Feline Embryos Using a Time-Lapse System. <i>Animals</i> , 2021, 11, 748.	1.0	4
262	Ultrastructure of mitochondria of human oocytes in different clinical conditions during assisted reproduction. <i>Archives of Biochemistry and Biophysics</i> , 2021, 703, 108854.	1.4	14

#	ARTICLE	IF	CITATIONS
263	The role of apoptosis in cryopreserved animal oocytes and embryos. <i>Theriogenology</i> , 2021, 173, 93-101.	0.9	11
264	Impact of Paternal Exposure to Gonadotoxins on Embryo and Offspring and the Male Evaluation. , 2012, , 271-288.		1
265	The Enigma of Fragmentation in Early Human Embryos: Possible Causes and Clinical Relevance. , 2004, , 377-421.		5
266	Embryo Culture and Selection: Morphological Criteria. <i>Methods in Molecular Biology</i> , 2014, 1154, 501-532.	0.4	1
267	Selecting the Most Competent Embryo. , 2009, , 143-169.		8
268	Human Embryo Morphology and Developmental Capacity. , 2002, , 1-31.		7
269	Apoptosis in Mammalian Embryos. , 2002, , 267-293.		1
272	Mouse Zygotes Respond to Severe Sperm DNA Damage by Delaying Paternal DNA Replication and Embryonic Development. <i>PLoS ONE</i> , 2013, 8, e56385.	1.1	104
273	The origins and consequences of fragmentation in mammalian eggs and embryos. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2007, , 51-78.	0.1	6
274	Human Embryonic Behavior Observed with Time-Lapse Cinematography. <i>Journal of Health & Medical Informatics</i> , 2014, 05, .	0.2	7
275	Assisted Reproductive Technology after the birth of Louise Brown. <i>Gynecology & Obstetrics (Sunnyvale, Calif)</i> , 2013, 03, .	0.1	22
276	Effect of Donor Cell Types and Passages on Preimplantation Development and Apoptosis in Porcine Cloned Embryos. <i>Asian-Australasian Journal of Animal Sciences</i> , 2007, 20, 711-717.	2.4	7
277	The effects of melatonin on bovine uniparental embryos development<i>in vitro</i> and the hormone secretion of COCs. <i>PeerJ</i> , 2017, 5, e3485.	0.9	18
278	Label-Free Cell Viability Assay and Enrichment of Cryopreserved Cells Using Microfluidic Cytometry and On-Demand Sorting. <i>Advanced Materials Technologies</i> , 2022, 7, 2100906.	3.0	11
279	Assessment of Oocyte and Early Embryo Morphology with Regard to Embryonic Development and the Outcome of Assisted Reproduction. , 2000, , 303-320.		0
280	Apoptosis in the Human Blastocyst: Role of Survival Factors. , 2001, , 144-154.		0
281	Embryo Development and Assessment of Viability. , 2006, , 199-220.		1
282	Gene Expression Changes During Human Early Embryo Development: New Applications for Embryo Selection. , 2012, , 421-430.		0

#	ARTICLE	IF	CITATIONS
283	Impact of Paternal Exposure to Gonadotoxins on Embryo and Offspring and the Male Evaluation. , 2013, , 65-88.		0
284	Cumulative Morphological Assessment of Embryo Quality. , 2013, , 277-308.		0
285	Gene Expression Changes During Human Early Embryo Development: New Applications for Embryo Selection. , 2013, , 337-352.		0
286	Assessment of Oocyte and Early Embryo Morphology with Regard to Embryonic Development and the Outcome of Assisted Reproduction. , 1997, , 210-222.		0
287	Developmental Consequences of Programmed Cell Death in Human Preimplantation Embryos. , 1997, , 32-47.		0
288	Histological Study and DNA Changes in the Kidneys of Rat Fetuses Maternally Treated with Clarithromycin. The Egyptian Journal of Hospital Medicine, 2015, 61, 575-590.	0.0	0
289	The Effect of Methamphetamine on Oocyte Quality, Fertilization Rate and Embryo Development in Mice. International Journal of Women's Health and Reproduction Sciences, 2016, 4, 8-12.	0.2	1
290	Follicular Histomorphometry and Evaluation of Ovarian Apoptosis in Queens of Different Age Groups. Acta Scientiae Veterinariae, 2018, 44, 8.	0.2	1
291	Diosmin in combination with naringenin enhances apoptosis in colon cancer cells. Oncology Reports, 2021, 47, .	1.2	14
293	The Effect of the Duration of In Vitro Maturation (IVM) on Parthenogenetic Development of Ovine Oocytes. Avicenna Journal of Medical Biotechnology, 2009, 1, 181-91.	0.2	15
294	Assisted reproductive technology after the birth of louise brown. Journal of Reproduction and Infertility, 2013, 14, 96-109.	1.0	30
295	Antioxidants in preimplantation mouse embryo culture media and vitrification/warming solutions support a more in vivo-like gene expression profile in fetal liver and placenta post-transfer. Reproductive BioMedicine Online, 2021, , .	1.1	6
296	Cellular and Molecular Nature of Fragmentation of Human Embryos. International Journal of Molecular Sciences, 2022, 23, 1349.	1.8	13
297	Whole-Genome DNA Methylation Dynamics of Sheep Preimplantation Embryo Investigated by Single-Cell DNA Methylation Sequencing. Frontiers in Genetics, 2021, 12, 753144.	1.1	6
300	Apoptotic qPCR gene expression array analysis demonstrates proof-of-concept for rapid blastocoel fluid-conditioned media molecular prediction. Journal of Assisted Reproduction and Genetics, 2022, , 1.	1.2	1
301	Division behaviours and their effects on pre-implantation development of pig embryos. Reproduction in Domestic Animals, 2022, 57, 1016-1028.	0.6	3
302	Nutrition Intervention as a Preventative Approach to Fetal Alcohol Spectrum Disorder. Neuromethods, 2022, , 189-212.	0.2	1
303	Molecular and Cellular Mechanisms Underlying Preimplantation Embryo Development. , 0, , .		0

#	ARTICLE	IF	CITATIONS
306	Equine. Reproduction, Fertility and Development, 2023, 35, 338-351.	0.1	4
307	Label-Free Sensing of Cell Viability Using a Low-Cost Impedance Cytometry Device. Micromachines, 2023, 14, 407.	1.4	2
308	Evaluation of fragmented embryos implantation potential using time-lapse technology. Journal of Obstetrics and Gynaecology Research, 0, , .	0.6	0
310	The origin and possible mechanism of embryonic cell-free DNA release in spent embryo culture media: a review. Journal of Assisted Reproduction and Genetics, 2023, 40, 1231-1242.	1.2	1