Takeshige Otoi

List of Publications by Year
in descending order

183	3,575	126907	206112
papers	citations	33 h-index	48 g-index

184	184	184	2404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiviral restriction factor transgenesis in the domestic cat. Nature Methods, 2011, 8, 853-859.	19.0	125
2	Bovine oocyte diameter in relation to developmental competence. Theriogenology, 1997, 48, 769-774.	2.1	106
3	Successful vitrification of bovine blastocysts, derived by in vitro maturation and fertilization. Molecular Reproduction and Development, 1993, 34, 266-271.	2.0	102
4	Somatic cell reprogramming-free generation of genetically modified pigs. Science Advances, 2016, 2, e1600803.	10.3	96
5	Development to live young from bovine small oocytes after growth, maturation and fertilization in vitro. Theriogenology, 1999, 52, 81-89.	2.1	90
6	Effect of the Removal of Cumulus Cells on the Nuclear Maturation, Fertilization and Development of Porcine Oocytes. Reproduction in Domestic Animals, 2005, 40, 166-170.	1.4	88
7	Normal Calves Obtained after Direct Transfer of Vitrified Bovine Embryos Using Ethylene Glycol, Trehalose, and Polyvinylpyrrolidone. Cryobiology, 1996, 33, 291-299.	0.7	77
8	Canine oocyte diameter in relation to meiotic competence and sperm penetration. Theriogenology, 2000, 54, 535-542.	2.1	76
9	Fine structure of bovine morulae and blastocysts in vivo and in vitro. Anatomy and Embryology, 1999, 199, 519-527.	1.5	74
10	Cryopreservation of Mature Bovine Oocytes by Vitrification in Straws. Cryobiology, 1998, 37, 77-85.	0.7	70
11	Effects of single and double exposure to brilliant cresyl blue on the selection of porcine oocytes for in vitro production of embryos. Theriogenology, 2006, 66, 366-372.	2.1	62
12	Effects of oxygen tension on the development and quality of porcine in vitro fertilized embryos. Theriogenology, 2004, 62, 1585-1595.	2.1	61
13	Astaxanthin present in the maturation medium reduces negative effects of heat shock on the developmental competence of porcine oocytes. Reproductive Biology, 2015, 15, 86-93.	1.9	58
14	In Vitro Fertilization and Development of Immature and Mature Bovine Oocytes Cryopreserved by Ethylene Glycol with Sucrose. Cryobiology, 1995, 32, 455-460.	0.7	56
15	Development of canine oocytes matured and fertilised in vitro. Veterinary Record, 2000, 146, 52-53.	0.3	55
16	Analysis of DNA fragmentation in bovine somatic nuclear transfer embryos using TUNEL. Reproduction, 2002, 124, 813-819.	2.6	47
17	Effects of Ovary Storage Time and Temperature on DNA Fragmentation and Development of Porcine Oocytes. Journal of Reproduction and Development, 2005, 51, 87-97.	1.4	47
18	Generation of a TP53-modified porcine cancer model by CRISPR/Cas9-mediated gene modification in porcine zygotes via electroporation. PLoS ONE, 2018, 13, e0206360.	2.5	46

#	Article	IF	Citations
19	In vitro maturation, fertilization and development of domestic cat oocytes recovered from ovaries collected at three stages of the reproductive cycle. Theriogenology, 2002, 57, 2289-2298.	2.1	45
20	Chlorogenic acid supplementation during in vitro maturation improves maturation, fertilization and developmental competence of porcine oocytes. Reproduction in Domestic Animals, 2017, 52, 969-975.	1.4	45
21	Effect of serum on the in vitro maturation of canine oocytes. Reproduction, Fertility and Development, 1999, 11, 387.	0.4	42
22	Effect of sericin on preimplantation development of bovine embryos cultured individually. Theriogenology, 2012, 78, 747-752.	2.1	42
23	Influence of oocyte quality, culture media and gonadotropins on cleavage rate and development of in vitro fertilized buffalo embryos. Animal Reproduction Science, 2001, 65, 215-223.	1.5	40
24	Effects of oocyte culture density on meiotic competence of canine oocytes. Reproduction, 2002, 124, 775-781.	2.6	40
25	Blastocysts derived from in vitro-fertilized cat oocytes after vitrification and dilution with sucrose. Cryobiology, 2004, 48, 341-348.	0.7	40
26	Size distribution and meiotic competence of oocytes obtained from bitch ovaries at various stages of the oestrous cycle. Reproduction, Fertility and Development, 2001, 13, 151.	0.4	39
27	Development of Interspecies Cloned Embryos in Yak and Dog. Cloning and Stem Cells, 2005, 7, 77-81.	2.6	38
28	Effects of different lots of semen from the same bull on in vitro development of bovine oocytes fertilized in vitro. Theriogenology, 1993, 39, 713-718.	2.1	36
29	Detection of zearalenone and its metabolites in naturally contaminated follicular fluids by using LC/MS/MS and in vitro effects of zearalenone on oocyte maturation in cattle. Reproductive Toxicology, 2008, 26, 164-169.	2.9	36
30	Correlation between the Cell Number and Diameter in Bovine Embryos Produced In Vitro. Reproduction in Domestic Animals, 2002, 37, 181-184.	1.4	35
31	Effect of Maturation Culture Period of Oocytes on the Sex Ratio of In Vitro Fertilized Bovine Embryos. Journal of Reproduction and Development, 2006, 52, 123-127.	1.4	35
32	Effects of concentration of CRISPR/Cas9 components on genetic mosaicism in cytoplasmic microinjected porcine embryos. Journal of Reproduction and Development, 2019, 65, 209-214.	1.4	35
33	Relationship between dead cells and DNA fragmentation in bovine embryos produced in vitro and stored at 4ï¿½C. Molecular Reproduction and Development, 1999, 54, 342-347.	2.0	34
34	Influence of maturation culture period on the development of canine oocytes after in vitro maturation and fertilization. Reproduction, Nutrition, Development, 2004, 44, 631-637.	1.9	34
35	Cryopreservation for bovine embryos in serum-free freezing medium containing silk protein sericin. Cryobiology, 2013, 67, 184-187.	0.7	34
36	Developmental capacity of bovine oocytes cryopreserved after maturation in vitro and of frozen-thawed bovine embryos derived from frozen mature oocytes. Theriogenology, 1992, 38, 711-719.	2.1	32

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37	Melatonin Supplementation During In Vitro Maturation and Development Supports the Development of Porcine Embryos. Reproduction in Domestic Animals, 2015, 50, 1054-1058.	1.4	32
38	Developmental capacity of bovine oocytes frozen in different cryoprotectants. Theriogenology, 1993, 40, 801-807.	2.1	31
39	Analysis of DNA Fragmentation of Porcine Embryos Exposed to Cryoprotectants. Reproduction in Domestic Animals, 2005, 40, 429-432.	1.4	30
40	Efficient generation of GGTA1-deficient pigs by electroporation of the CRISPR/Cas9 system into in vitro-fertilized zygotes. BMC Biotechnology, 2020, 20, 40.	3.3	29
41	Generation of CD163-edited pig via electroporation of the CRISPR/Cas9 system into porcine in vitro-fertilized zygotes. Animal Biotechnology, 2021, 32, 147-154.	1.5	29
42	Effects of cooling ovaries before oocyte aspiration on meiotic competence of porcine oocytes and of exposing in vitro matured oocytes to ambient temperature on in vitro fertilization and development of the oocytes. Cryobiology, 2003, 47, 102-108.	0.7	28
43	Generation of viable PDX1 geneâ€edited founder pigs as providers of nonmosaics. Molecular Reproduction and Development, 2020, 87, 471-481.	2.0	28
44	Effect of protein supplementation on development to the hatching and hatched blastocyst stages of cat IVF embryos. Reproduction, Fertility and Development, 2002, 14, 291.	0.4	27
45	Relationship between Oxygen Consumption and Sex of Bovine In Vitro Fertilized Embryos. Reproduction in Domestic Animals, 2005, 40, 51-56.	1.4	26
46	Developmental Competence of Cat Oocytes from Ovaries Stored at Various Temperature for 24 h. Journal of Reproduction and Development, 2007, 53, 271-277.	1.4	26
47	Effects of voltage strength during electroporation on the development and quality of in vitroâ€produced porcine embryos. Reproduction in Domestic Animals, 2018, 53, 313-318.	1.4	26
48	Meiotic competence and DNA damage of porcine oocytes exposed to an elevated temperature. Theriogenology, 2008, 69, 767-772.	2.1	24
49	Genome mutation after introduction of the gene editing by electroporation of Cas9 protein (GEEP) system in matured oocytes and putative zygotes. In Vitro Cellular and Developmental Biology - Animal, 2019, 55, 237-242.	1.5	24
50	Effects of hexoses on in vitro oocyte maturation and embryo development in pigs. Theriogenology, 2006, 65, 332-343.	2.1	23
51	Effects of Season and Reproductive Phase on the Quality, Quantity and Developmental Competence of Oocytes Aspirated from Japanese Black Cows. Journal of Reproduction and Development, 2010, 56, 55-59.	1.4	23
52	Detection of Zearalenone and Its Metabolites in Naturally Contaminated Porcine Follicular Fluid by Using Liquid Chromatography-Tandem Mass Spectrometry. Journal of Reproduction and Development, 2011, 57, 303-306.	1.4	23
53	Generation of <scp>PDX</scp>â€1 mutant porcine blastocysts by introducing <scp>CRISPR</scp>/Cas9â€system into porcine zygotes via electroporation. Animal Science Journal, 2019, 90, 55-61.	1.4	23
54	The Quality and Maturation of Bitch Oocytes Recovered from Ovaries by the Slicing Method.. Journal of Veterinary Medical Science, 2000, 62, 305-307.	0.9	22

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55	Effects of green tea polyphenol on the quality of canine semen after long-term storage at 5Â°C. Reproductive Biology, 2013, 13, 251-254.	1.9	22
56	Genome mutation after the introduction of the gene editing by electroporation of Cas9 protein (GEEP) system into bovine putative zygotes. In Vitro Cellular and Developmental Biology - Animal, 2019, 55, 598-603.	1.5	22
57	Comparison of the effects of introducing the CRISPR/Cas9 system by microinjection and electroporation into porcine embryos at different stages. BMC Research Notes, 2021, 14, 7.	1.4	22
58	Effects of Centrifugation and Lipid Removal on the Cryopreservation ofin VitroProduced Bovine Embryos at the Eight-Cell Stage. Cryobiology, 1998, 36, 206-212.	0.7	21
59	Influence of freezing with liquid nitrogen on whole-knee joint grafts and protection of cartilage from cryoinjury in rabbits. Cryobiology, 2009, 59, 28-35.	0.7	20
60	Effects of electroporation treatment using different concentrations of Cas9 protein with gRNA targeting Myostatin (MSTN) genes on the development and gene editing of porcine zygotes. Animal Science Journal, 2020, 91, e13386.	1.4	20
61	Effects of size and storage temperature on meiotic competence of domestic cat oocytes. Veterinary Record, 2001, 148, 116-118.	0.3	19
62	Establishment of a Novel Equine Cell Line for Isolation and Propagation of Equine Herpesviruses. Journal of Veterinary Medical Science, 2007, 69, 989-991.	0.9	19
63	Improvement of transgenic cloning efficiencies by culturing recipient oocytes and donor cells with antioxidant vitamins in cattle. Molecular Reproduction and Development, 2007, 74, 694-702.	2.0	19
64	Maturation and fertilisation of sheep oocytes cultured in serum-free medium containing silk protein sericin. Acta Veterinaria Hungarica, 2015, 63, 110-117.	0.5	19
65	One-Step Generation of Multiple Gene-Edited Pigs by Electroporation of the CRISPR/Cas9 System into Zygotes to Reduce Xenoantigen Biosynthesis. International Journal of Molecular Sciences, 2021, 22, 2249.	4.1	18
66	Messenger RNA expression of angiotensin-converting enzyme, endothelin, cyclooxygenase-2 and prostaglandin synthases in bovine placentomes during gestation and the postpartum period. Veterinary Journal, 2008, 177, 398-404.	1.7	17
67	Effects of Exposure to Zearalenone on Porcine Oocytes and Sperm During Maturation and Fertilization In Vitro. Journal of Reproduction and Development, 2011, 57, 547-550.	1.4	17
68	Effects of (â˜)â€Epigallocatechin Gallate on the Motility and Penetrability of Frozenâ€“Thawed Boar Spermatozoa Incubated in the Fertilization Medium. Reproduction in Domestic Animals, 2012, 47, 880-886.	1.4	17
69	Establishment of adult mouse Sertoli cell lines by using the starvation method. Reproduction, 2013, 145, 505-516.	2.6	17
70	Current status of the application of gene editing in pigs. Journal of Reproduction and Development, 2021, 67, 177-187.	1.4	17
71	Novel iontophoretic administration method for local therapy of breast cancer. Journal of Controlled Release, 2013, 168, 298-306.	9.9	16
72	Cell Cycle Synchronization of Skin Fibroblast Cells in Four Species of Family Felidae. Reproduction in Domestic Animals, 2013, 48, 305-310.	1.4	16

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73	Evaluation of Zona Pellucida Function for Sperm Penetration During <i>In Vitro</i> Fertilization in Pigs. Journal of Reproduction and Development, 2013, 59, 385-392.	1.4	16
74	Viability of frozen-thawed bovine IVM/IVF embryos in relation to aging using various cryoprotectants. Theriogenology, 1994, 41, 915-921.	2.1	15
75	Effects of Serum-Free Culture Media on in vitro Development of Domestic Cat Embryos Following In Vitro Maturation and Fertilization. Reproduction in Domestic Animals, 2002, 37, 352-356.	1.4	15
76	In vitro development and post-thaw survival of blastocysts derived from delipidated zygotes from domestic cats. Theriogenology, 2006, 65, 415-423.	2.1	15
77	Effects of Dietary Contamination by Zearalenone and Its Metabolites on Serum Antiâ€MÃ¼llerian Hormone: Impact on the Reproductive Performance of Breeding Cows. Reproduction in Domestic Animals, 2015, 50, 834-839.	1.4	15
78	Existence of Two Distinct Infectious Endogenous Retroviruses in Domestic Cats and Their Different Strategies for Adaptation to Transcriptional Regulation. Journal of Virology, 2016, 90, 9029-9045.	3.4	15
79	Effects of chlorogenic acid and caffeic acid on the quality of frozenâ€thawed boar sperm. Reproduction in Domestic Animals, 2018, 53, 1600-1604.	1.4	15
80	Effect of Replacement of Pyruvate/Lactate in Culture Medium with Glucose on Preimplantation Development of Porcine Embryos In Vitro. Journal of Reproduction and Development, 2004, 50, 587-592.	1.4	14
81	Role of Cumulus Cells on In Vitro Maturation of Canine Oocytes. Reproduction in Domestic Animals, 2007, 42, 184-189.	1.4	14
82	Effects of oxygen tension and follicle cells on maturation and fertilization of porcine oocytes during in vitro culture in follicular fluid. Theriogenology, 2010, 73, 893-899.	2.1	14
83	Combination of the somatic cell nuclear transfer method and RNAi technology for the production of a prion gene-knockdown calf using plasmid vectors harboring the U6 or tRNA promoter. Prion, 2011, 5, 39-46.	1.8	14
84	Effect of Sericin Supplementation During In Vitro Maturation on the Maturation, Fertilization and Development of Porcine Oocytes. Reproduction in Domestic Animals, 2014, 49, e17-20.	1.4	14
85	Developmental Competence of Bovine Oocytes Frozen at Different Cooling Rates. Cryobiology, 1994, 31, 344-348.	0.7	13
86	Effect of Cryoprotectant Composition on In Vitro Viability of In Vitro Fertilized and Cloned Bovine Embryos Following Vitrification and In-Straw Dilution. Journal of Reproduction and Development, 2007, 53, 963-969.	1.4	13
87	Motility and fertility of boar semen after liquid preservation at 5Â°<scp>C</scp> for more than 2 weeks. Animal Science Journal, 2013, 84, 600-606.	1.4	13
88	Relationship between DNA fragmentation and nuclear status of in vitro-matured porcine oocytes: role of cumulus cells. Reproduction, Fertility and Development, 2004, 16, 773.	0.4	12
89	Assessment of canine ovaries autografted to various body sites. Theriogenology, 2012, 77, 131-138.	2.1	12
90	The effect of relaxin supplementation of in vitro maturation medium on the development of cat oocytes obtained from ovaries stored at 4Â°C. Reproductive Biology, 2013, 13, 122-126.	1.9	12

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91	A <scp>J</scp>apanese <scp>B</scp>lack breeding herd exhibiting low blood urea nitrogen: A metabolic profile study examining the effect on reproductive performance. Animal Science Journal, 2013, 84, 389-394.	1.4	12
92	Tracking the Fate of Endogenous Retrovirus Segregation in Wild and Domestic Cats. Journal of Virology, 2019, 93, .	3.4	12
93	Effect of Antibiotics Treatment of In Vitro Fertilized Bovine Embryos to Remove Adhering Bacteria.. Journal of Veterinary Medical Science, 1992, 54, 763-765.	0.9	11
94	Effects of electric field strengths on fusion and in vitro development of domestic cat embryos derived by somatic cell nuclear transfer. Theriogenology, 2006, 66, 1237-1242.	2.1	11
95	Development and subsequent cryotolerance of domestic cat embryos cultured in serum-free and serum-containing media. Cryobiology, 2011, 63, 170-174.	0.7	11
96	Metabolic Profile of Japanese Black Breeding Cattle Herds: Usefulness in Selection for Nutrient Supplementation to Enhance Reproductive Performance and Regional Differences. Journal of Veterinary Medical Science, 2013, 75, 481-487.	0.9	11
97	Histone Deacetylase Inhibitor Improves the Development and Acetylation Levels of Catâ€“Cow Interspecies Cloned Embryos. Cellular Reprogramming, 2013, 15, 301-308.	0.9	11
98	Effect of Trypsin Treatment of In Vitro Fertilized Bovine Embryos on Their Subsequent Survival and Development.. Journal of Veterinary Medical Science, 1993, 55, 237-239.	0.9	10
99	Effect of ferulic acid supplementation on the developmental competence of porcine embryos during in vitro maturation. Journal of Veterinary Medical Science, 2018, 80, 1007-1011.	0.9	10
100	Evaluation of multiple gene targeting in porcine embryos by the CRISPR/Cas9 system using electroporation. Molecular Biology Reports, 2020, 47, 5073-5079.	2.3	10
101	Aberrant levels of DNA methylation and H3K9 acetylation in the testicular cells of crossbred cattleâ€“yak showing infertility. Reproduction in Domestic Animals, 2022, 57, 304-313.	1.4	10
102	Survival Rate of Frozen-Thawed Bovine IVM/IVF Embryos in Relation to Post-thaw Exposure Time in Two Cryoprotectants. Cryobiology, 1993, 30, 466-469.	0.7	9
103	Improvement of the Culture Conditions for In Vitro Production of Cattle Embryos in a Portable CO2 Incubator. Reproduction in Domestic Animals, 2001, 36, 313-318.	1.4	9
104	Effect of Cycloheximide on In Vitro Development of Electrically Activated Feline Oocytes. Journal of Reproduction and Development, 2005, 51, 783-786.	1.4	9
105	Knockdown of the bovine prion gene PRNP by RNA interference (RNAi) technology. BMC Biotechnology, 2007, 7, 44.	3.3	9
106	Effects of the Reproductive Status on Morphological Oocyte Quality and Developmental Competence of Oocytes after In Vitro Fertilization and Somatic Cell Nuclear Transfer in Cat. Reproduction in Domestic Animals, 2008, 43, 157-161.	1.4	9
107	Assisted Hatching of Poor-quality Bovine Embryos Increases Pregnancy Success Rate After Embryo Transfer. Journal of Reproduction and Development, 2011, 57, 543-546.	1.4	9
108	Retrospective surveillance of metabolic parameters affecting reproductive performance of Japanese Black breeding cows. Journal of Veterinary Science, 2014, 15, 283.	1.3	9

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109	Roles of the zona pellucida and functional exposure of the spermâ€egg fusion factor â€˜<scp>IZUMO</scp>â€™ during in vitro fertilization in pigs. Animal Science Journal, 2014, 85, 395-404.	1.4	9
110	Effects of chlorogenic acid (<scp>CGA</scp>) supplementation during inÂvitro maturation culture on the development and quality of porcine embryos with electroporation treatment after inÂvitro fertilization. Animal Science Journal, 2018, 89, 1207-1213.	1.4	9
111	The Relationship between Embryonic Development and the Efficiency of Target Mutations in Porcine Endogenous Retroviruses (PERVs) Pol Genes in Porcine Embryos. Animals, 2019, 9, 593.	2.3	9
112	Developmental Competence of Frozen-thawed Blastocysts from Fair-quality Bovine Embryos Cultured with Î²-Mercaptoethanol. Veterinary Journal, 2000, 159, 282-286.	1.7	8
113	The Effect of Prefreezing the Diluent Portion of the Straw in a Step-wise Vitrification Process Using Ethylene Glycol and Polyvinylpyrrolidone to Preserve Bovine Blastocysts. Cryobiology, 2001, 42, 135-138.	0.7	8
114	Effects of Î²-mercaptoethanol and cycloheximide on survival and DNA damage of bovine embryos stored at 4Â°C for 72h. Theriogenology, 2006, 65, 1322-1332.	2.1	8
115	Meiotic Competence of Canine Oocytes Embedded in Collagen Gel. Reproduction in Domestic Animals, 2006, 41, 17-21.	1.4	8
116	Effects of skim-milk supplementation on the quality and penetrating ability of boar semen after long-term preservation at 15 Â°C. Acta Veterinaria Hungarica, 2014, 62, 106-116.	0.5	8
117	Epigenetic modulation on catâ€cow interspecies somatic cell nuclear transfer embryos by treatment with trichostatin A. Animal Science Journal, 2017, 88, 593-601.	1.4	8
118	Presence of chlorogenic acid during in vitro maturation protects porcine oocytes from the negative effects of heat stress. Animal Science Journal, 2019, 90, 1530-1536.	1.4	8
119	Generation of mutant pigs by lipofection-mediated genome editing in embryos. Scientific Reports, 2021, 11, 23806.	3.3	8
120	Effect of Washing, Antibiotics and Trypsin Treatment of Bovine Embryos on the Removal of Adhering K99+ Escherichia coli.. Journal of Veterinary Medical Science, 1993, 55, 1053-1055.	0.9	7
121	New Technique, Using a Portable CO2 Incubator, for the Production of In Vitro Fertilized Egyptian Buffalo Embryos.. Journal of Reproduction and Development, 1999, 45, 315-320.	1.4	7
122	Application of mycotoxin adsorbent to cattle feed contaminated with zearalenone: urinary zearalenone excretion and association with anti-MÃ¼llerian hormone. World Mycotoxin Journal, 2014, 7, 367-378.	1.4	7
123	In vitro development of <scp>OPU</scp>â€derived bovine embryos cultured either individually or in groups with the silk protein sericin and the viability of frozenâ€thawed embryos after transfer. Animal Science Journal, 2015, 86, 661-665.	1.4	7
124	Abnormal functions of Leydig cells in crossbred cattleâ€“yak showing infertility. Reproduction in Domestic Animals, 2020, 55, 209-216.	1.4	7
125	Lipofection-Mediated Introduction of CRISPR/Cas9 System into Porcine Oocytes and Embryos. Animals, 2021, 11, 578.	2.3	7
126	Developmental Competence of Bovine Embryos Reconstructed by the Transfer of Somatic Cells Derived from Frozen Tissues.. Journal of Veterinary Medical Science, 2001, 63, 1151-1154.	0.9	6

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127	Effects of epigallocatechin-3-gallate on the developmental competence of parthenogenetic embryos in the pig. Italian Journal of Animal Science, 2010, 9, e73.	1.9	6
128	Follicle Formation in the Canine Ovary After Autografting to a Peripheral Site. Reproduction in Domestic Animals, 2012, 47, e16-21.	1.4	6
129	Effects of longâ€term in vitro exposure of ejaculated boar sperm to zearalenone and Î±â€zearalenol in sperm liquid storage medium. Animal Science Journal, 2013, 84, 28-34.	1.4	6
130	Sensitivity of the meiotic stage to hyperthermia during in vitro maturation of porcine oocytes. Acta Veterinaria Hungarica, 2017, 65, 115-123.	0.5	6
131	Introduction of a point mutation in the KRAS gene of in vitro fertilized porcine zygotes via electroporation of the CRISPR/Cas9 system with singleâ€stranded oligodeoxynucleotides. Animal Science Journal, 2021, 92, e13534.	1.4	6
132	Effects of green tea polyphenols and Î±-tocopherol on the quality of chilled cat spermatozoa and sperm IZUMO1 protein expression during long-term preservation. Animal Reproduction Science, 2022, 237, 106926.	1.5	6
133	Development of Cat Embryos Produced by Intracytoplasmic Injection of Spermatozoa Stored in Alcohol. Reproduction in Domestic Animals, 2005, 40, 511-515.	1.4	5
134	Ovarian follicular and corpus luteum changes, progesterone concentrations, estrus and ovulation following estradiol benzoate/progesterone based treatment protocol in cross-bred cows. Animal Reproduction Science, 2007, 99, 389-394.	1.5	5
135	Glycoconjugates recognized by peanut agglutinin lectin in the inner acellular layer of the lamina propria of seminiferous tubules in human testes showing impaired spermatogenesis. Human Reproduction, 2012, 27, 659-668.	0.9	5
136	<i>In Vitro</i> Fertilization and Development of Porcine Oocytes Matured in Follicular Fluid. Journal of Reproduction and Development, 2013, 59, 103-106.	1.4	5
137	Effects of Tris (hydroxymethyl) aminomethane on the quality of frozen-thawed boar spermatozoa. Acta Veterinaria Hungarica, 2019, 67, 106-114.	0.5	5
138	Hypothermic storage of porcine zygotes in serum supplemented with chlorogenic acid. Reproduction in Domestic Animals, 2019, 54, 750-755.	1.4	5
139	Effect of Roscovitine Pretreatment on the Meiotic Maturation of Bovine Oocytes and their Subsequent Development after Somatic Cell Nuclear Transfer. Journal of Animal and Veterinary Advances, 2010, 9, 2848-2853.	0.1	5
140	The Effects of Donor Cell Type and Culture Medium on in vitro Development of Domestic Cat Embryos Reconstructed by Nuclear Transplantation. Asian-Australasian Journal of Animal Sciences, 2001, 14, 1057-1061.	2.4	5
141	Curcumin supplementation in the maturation medium improves the maturation, fertilisation and developmental competence of porcine oocytes. Acta Veterinaria Hungarica, 2020, 68, 298-304.	0.5	5
142	Effects of Antifreeze Protein Supplementation on the Development of Porcine Morulae Stored at Hypothermic Temperatures. Cryo-Letters, 2018, 39, 131-136.	0.3	5
143	A change in the steroid metabolic pathway in human testes showing deteriorated spermatogenesis. Reproductive Biology, 2020, 20, 210-219.	1.9	4
144	Effects of parity and season on pregnancy rates after the transfer of embryos to repeat-breeder Japanese Black beef cattle. Archives Animal Breeding, 2016, 59, 45-49.	1.4	4

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145	Zona pellucida treatment before CRISPR/Cas9â€mediated genome editing of porcine zygotes. Veterinary Medicine and Science, 2022, 8, 164-169.	1.6	4
146	Pellet freezing of in vitro produced bovine embryos using dry ice. Cryo-Letters, 2000, 21, 31-38.	0.3	4
147	Effects of the timing of electroporation during in vitro maturation on triple gene editing in porcine embryos using CRISPR/Cas9 system. Veterinary and Animal Science, 2022, 16, 100241.	1.5	4
148	Effects of individual or inâ€combination antioxidant supplementation during in vitro maturation culture on the developmental competence and quality of porcine embryos. Reproduction in Domestic Animals, 2022, 57, 314-320.	1.4	4
149	Development of oocytes derived from the first dominant follicles of beef cows. Veterinary Record, 1996, 139, 396-396.	0.3	3
150	305DEVELOPING AN ACTIVATION PROTOCOL FOR SOMATIC CELL NUCLEAR TRANSFER (SCNT) IN THE DOMESTIC CAT. Reproduction, Fertility and Development, 2004, 16, 272.	0.4	3
151	Formation of an Antral Follicleâ€“like Structure of Bovine Cumulusâ€“Oocyte Complexes Embedded Individually or in Groups in Collagen Gels. Reproduction in Domestic Animals, 2011, 46, 423-427.	1.4	3
152	Effects of duration of electric pulse on in vitro development of cloned cat embryos with human artificial chromosome vector. Reproduction in Domestic Animals, 2016, 51, 1039-1043.	1.4	3
153	Follicular development of canine ovaries stimulated by a combination treatment of eCG and hCG. Veterinary Medicine and Science, 2018, 4, 333-340.	1.6	3
154	Viability and developmental potential of porcine blastocysts preserved for short term in a chemically defined medium at ambient temperature. Reproduction in Domestic Animals, 2022, 57, 556-563.	1.4	3
155	CHARACTERISTICS AND FERTILITY OF SUMATRAN TIGER SPERMATOZOA CRYOPRESERVED WITH DIFFERENT SUGARS. Cryo-Letters, 2016, 37, 264-271.	0.3	3
156	Shortâ€term preservation of porcine zygotes at ambient temperature using a chemically defined medium. Animal Science Journal, 2022, 93, e13711.	1.4	3
157	Triple gene editing in porcine embryos using electroporation alone or in combination with microinjection. Veterinary World, 2022, 15, 496-501.	1.7	3
158	Disruption of cell proliferation and apoptosis balance in the testes of crossbred cattleâ€yaks affects spermatogenic cell fate and sterility. Reproduction in Domestic Animals, 0, , .	1.4	3
159	The Efficiency of Ethylene Glycol, Trehalose and Polyvinylpyrrolidone for Successful Vitrification of IVF Bovine Embryos.. Journal of Reproduction and Development, 1996, 42, 163-169.	1.4	2
160	In VitroMaturation and Development of Porcine Oocytes Cultured in a Straw or Dish Using a Portable Incubator with a CO₂Chamber. Reproduction in Domestic Animals, 2009, 45, 619-24.	1.4	2
161	Plasma progesterone profiles in Beagle bitches with and without the whelping experience. Acta Veterinaria Hungarica, 2010, 58, 117-124.	0.5	2
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