

# Takeshige Otoi

## List of Publications by Year in descending order

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183  
papers

3,575  
citations

126907

33  
h-index

206112

48  
g-index

184  
all docs

184  
docs citations

184  
times ranked

2404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zona pellucida treatment before CRISPR/Cas9-mediated genome editing of porcine zygotes. <i>Veterinary Medicine and Science</i> , 2022, 8, 164-169.	1.6	4
2	Aberrant levels of DNA methylation and H3K9 acetylation in the testicular cells of crossbred cattle-yak showing infertility. <i>Reproduction in Domestic Animals</i> , 2022, 57, 304-313.	1.4	10
3	Effects of green tea polyphenols and Î±-tocopherol on the quality of chilled cat spermatozoa and sperm LZUMO1 protein expression during long-term preservation. <i>Animal Reproduction Science</i> , 2022, 237, 106926.	1.5	6
4	Viability and developmental potential of porcine blastocysts preserved for short term in a chemically defined medium at ambient temperature. <i>Reproduction in Domestic Animals</i> , 2022, 57, 556-563.	1.4	3
5	Short-term preservation of porcine zygotes at ambient temperature using a chemically defined medium. <i>Animal Science Journal</i> , 2022, 93, e13711.	1.4	3
6	Triple gene editing in porcine embryos using electroporation alone or in combination with microinjection. <i>Veterinary World</i> , 2022, 15, 496-501.	1.7	3
7	Effects of the timing of electroporation during in vitro maturation on triple gene editing in porcine embryos using CRISPR/Cas9 system. <i>Veterinary and Animal Science</i> , 2022, 16, 100241.	1.5	4
8	Effects of individual or in combination antioxidant supplementation during in vitro maturation culture on the developmental competence and quality of porcine embryos. <i>Reproduction in Domestic Animals</i> , 2022, 57, 314-320.	1.4	4
9	Gene editing in porcine embryos using a combination of electroporation and transfection methods. <i>Reproduction in Domestic Animals</i> , 2022, 57, 1136-1142.	1.4	2
10	Generation of CD163-edited pig via electroporation of the CRISPR/Cas9 system into porcine in vitro-fertilized zygotes. <i>Animal Biotechnology</i> , 2021, 32, 147-154.	1.5	29
11	Comparison of the effects of introducing the CRISPR/Cas9 system by microinjection and electroporation into porcine embryos at different stages. <i>BMC Research Notes</i> , 2021, 14, 7.	1.4	22
12	Current status of the application of gene editing in pigs. <i>Journal of Reproduction and Development</i> , 2021, 67, 177-187.	1.4	17
13	One-Step Generation of Multiple Gene-Edited Pigs by Electroporation of the CRISPR/Cas9 System into Zygotes to Reduce Xenoantigen Biosynthesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2249.	4.1	18
14	Lipofection-Mediated Introduction of CRISPR/Cas9 System into Porcine Oocytes and Embryos. <i>Animals</i> , 2021, 11, 578.	2.3	7
15	Comparison of Blastocyst Development between Cat-Cow and Cat-Pig Interspecies Somatic Cell Nuclear Transfer Embryos Treated with Trichostatin A. <i>Biology Bulletin</i> , 2021, 48, 107-117.	0.5	1
16	Vaginal stimulation enhances ovulation of queen ovaries treated using a combination of eCG and hCG. <i>Veterinary Medicine and Science</i> , 2021, 7, 1569-1574.	1.6	2
17	Improvement of the in vitro fertilization and embryo development using frozen-thawed spermatozoa of microminipigs. <i>Archives Animal Breeding</i> , 2021, 64, 265-271.	1.4	2
18	Introduction of a point mutation in the KRAS gene of in vitro fertilized porcine zygotes via electroporation of the CRISPR/Cas9 system with single-stranded oligodeoxynucleotides. <i>Animal Science Journal</i> , 2021, 92, e13534.	1.4	6

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19	Chlorogenic acid and insulinâ€“transferrinâ€“selenium supplementation during in vitro maturation enhances the developmental competence of interspecies chimera blastocysts following cell injection. <i>Journal of Applied Animal Research</i> , 2021, 49, 486-491.	1.2	0
20	Generation of mutant pigs by lipofection-mediated genome editing in embryos. <i>Scientific Reports</i> , 2021, 11, 23806.	3.3	8
21	Abnormal functions of Leydig cells in crossbred cattleâ€“yak showing infertility. <i>Reproduction in Domestic Animals</i> , 2020, 55, 209-216.	1.4	7
22	Efficient generation of GGTA1-deficient pigs by electroporation of the CRISPR/Cas9 system into in vitro-fertilized zygotes. <i>BMC Biotechnology</i> , 2020, 20, 40.	3.3	29
23	Effects of electroporation treatment using different concentrations of Cas9 protein with gRNA targeting <i>Myostatin</i> ( <i>MSTN</i> ) genes on the development and gene editing of porcine zygotes. <i>Animal Science Journal</i> , 2020, 91, e13386.	1.4	20
24	Evaluation of multiple gene targeting in porcine embryos by the CRISPR/Cas9 system using electroporation. <i>Molecular Biology Reports</i> , 2020, 47, 5073-5079.	2.3	10
25	A change in the steroid metabolic pathway in human testes showing deteriorated spermatogenesis. <i>Reproductive Biology</i> , 2020, 20, 210-219.	1.9	4
26	Generation of viable <i>PDX1</i> geneâ€“edited founder pigs as providers of nonmosaics. <i>Molecular Reproduction and Development</i> , 2020, 87, 471-481.	2.0	28
27	Curcumin supplementation in the maturation medium improves the maturation, fertilisation and developmental competence of porcine oocytes. <i>Acta Veterinaria Hungarica</i> , 2020, 68, 298-304.	0.5	5
28	The effects of electroporation on viability and quality of <i>in vivo</i> -derived bovine blastocysts. <i>Journal of Reproduction and Development</i> , 2019, 65, 475-479.	1.4	2
29	Genome mutation after the introduction of the gene editing by electroporation of Cas9 protein (GEEP) system into bovine putative zygotes. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019, 55, 598-603.	1.5	22
30	Effects of Tris (hydroxymethyl) aminomethane on the quality of frozen-thawed boar spermatozoa. <i>Acta Veterinaria Hungarica</i> , 2019, 67, 106-114.	0.5	5
31	Presence of chlorogenic acid during in vitro maturation protects porcine oocytes from the negative effects of heat stress. <i>Animal Science Journal</i> , 2019, 90, 1530-1536.	1.4	8
32	The Relationship between Embryonic Development and the Efficiency of Target Mutations in Porcine Endogenous Retroviruses (PERVs) Pol Genes in Porcine Embryos. <i>Animals</i> , 2019, 9, 593.	2.3	9
33	Genome mutation after introduction of the gene editing by electroporation of Cas9 protein (GEEP) system in matured oocytes and putative zygotes. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019, 55, 237-242.	1.5	24
34	Hypothermic storage of porcine zygotes in serum supplemented with chlorogenic acid. <i>Reproduction in Domestic Animals</i> , 2019, 54, 750-755.	1.4	5
35	Effects of concentration of CRISPR/Cas9 components on genetic mosaicism in cytoplasmic microinjected porcine embryos. <i>Journal of Reproduction and Development</i> , 2019, 65, 209-214.	1.4	35
36	Tracking the Fate of Endogenous Retrovirus Segregation in Wild and Domestic Cats. <i>Journal of Virology</i> , 2019, 93, .	3.4	12

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37	Generation of PDX mutant porcine blastocysts by introducing CRISPR/Cas9 system into porcine zygotes via electroporation. <i>Animal Science Journal</i> , 2019, 90, 55-61.	1.4	23
38	Effects of voltage strength during electroporation on the development and quality of in vitro produced porcine embryos. <i>Reproduction in Domestic Animals</i> , 2018, 53, 313-318.	1.4	26
39	Follicular development of canine ovaries stimulated by a combination treatment of eCG and hCG. <i>Veterinary Medicine and Science</i> , 2018, 4, 333-340.	1.6	3
40	Generation of a TP53-modified porcine cancer model by CRISPR/Cas9-mediated gene modification in porcine zygotes via electroporation. <i>PLoS ONE</i> , 2018, 13, e0206360.	2.5	46
41	Effects of chlorogenic acid (CGA) supplementation during in vitro maturation culture on the development and quality of porcine embryos with electroporation treatment after in vitro fertilization. <i>Animal Science Journal</i> , 2018, 89, 1207-1213.	1.4	9
42	Effect of ferulic acid supplementation on the developmental competence of porcine embryos during in vitro maturation. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1007-1011.	0.9	10
43	Effects of chlorogenic acid and caffeic acid on the quality of frozen-thawed boar sperm. <i>Reproduction in Domestic Animals</i> , 2018, 53, 1600-1604.	1.4	15
44	Effects of Antifreeze Protein Supplementation on the Development of Porcine Morulae Stored at Hypothermic Temperatures. <i>Cryo-Letters</i> , 2018, 39, 131-136.	0.3	5
45	Sensitivity of the meiotic stage to hyperthermia during in vitro maturation of porcine oocytes. <i>Acta Veterinaria Hungarica</i> , 2017, 65, 115-123.	0.5	6
46	Chlorogenic acid supplementation during in vitro maturation improves maturation, fertilization and developmental competence of porcine oocytes. <i>Reproduction in Domestic Animals</i> , 2017, 52, 969-975.	1.4	45
47	Epigenetic modulation on cat cow interspecies somatic cell nuclear transfer embryos by treatment with trichostatin A. <i>Animal Science Journal</i> , 2017, 88, 593-601.	1.4	8
48	Somatic cell reprogramming-free generation of genetically modified pigs. <i>Science Advances</i> , 2016, 2, e1600803.	10.3	96
49	Existence of Two Distinct Infectious Endogenous Retroviruses in Domestic Cats and Their Different Strategies for Adaptation to Transcriptional Regulation. <i>Journal of Virology</i> , 2016, 90, 9029-9045.	3.4	15
50	The optimal period of Ca-EDTA treatment for parthenogenetic activation of porcine oocytes during maturation culture. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 1019-1023.	0.9	0
51	Effects of duration of electric pulse on in vitro development of cloned cat embryos with human artificial chromosome vector. <i>Reproduction in Domestic Animals</i> , 2016, 51, 1039-1043.	1.4	3
52	Effects of parity and season on pregnancy rates after the transfer of embryos to repeat-breeder Japanese Black beef cattle. <i>Archives Animal Breeding</i> , 2016, 59, 45-49.	1.4	4
53	CHARACTERISTICS AND FERTILITY OF SUMATRAN TIGER SPERMATOZOA CRYOPRESERVED WITH DIFFERENT SUGARS. <i>Cryo-Letters</i> , 2016, 37, 264-271.	0.3	3
54	Effects of dibutyryl cyclic adenosine monophosphate and human chorionic gonadotropin on the formation of antral follicle-like structures by bovine cumulus oocyte complexes. <i>Acta Veterinaria Hungarica</i> , 2015, 63, 485-498.	0.5	0

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55	Maturation and fertilisation of sheep oocytes cultured in serum-free medium containing silk protein sericin. <i>Acta Veterinaria Hungarica</i> , 2015, 63, 110-117.	0.5	19
56	Melatonin Supplementation During <i>In Vitro</i> Maturation and Development Supports the Development of Porcine Embryos. <i>Reproduction in Domestic Animals</i> , 2015, 50, 1054-1058.	1.4	32
57	Effects of Dietary Contamination by Zearalenone and Its Metabolites on Serum Anti-Müllerian Hormone: Impact on the Reproductive Performance of Breeding Cows. <i>Reproduction in Domestic Animals</i> , 2015, 50, 834-839.	1.4	15
58	Astaxanthin present in the maturation medium reduces negative effects of heat shock on the developmental competence of porcine oocytes. <i>Reproductive Biology</i> , 2015, 15, 86-93.	1.9	58
59	Formation of an Antral Follicle-Like Structure by Bovine Cumulus-Oocyte Complexes Embedded with Fragmin/Protamine Microparticles. <i>Animal Biotechnology</i> , 2015, 26, 273-275.	1.5	0
60	<i>In vitro</i> development of OPU-derived bovine embryos cultured either individually or in groups with the silk protein sericin and the viability of frozen-thawed embryos after transfer. <i>Animal Science Journal</i> , 2015, 86, 661-665.	1.4	7
61	EFFECTS OF ORVUS ES PASTE ON THE MOTILITY AND VIABILITY OF YAK ( <i>BOS GRUNNIENS</i> ) EPIDIDYMAL AND EJACULATED SPERMATOOZOA AFTER FREEZING AND THAWING. <i>Cryo-Letters</i> , 2015, 36, 264-9.	0.3	2
62	Effects of Chemical Zona Pellucida Thinning with Pronase on the Development of Bovine Embryos. <i>Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association</i> , 2014, 67, 833-838.	0.1	1
63	Retrospective surveillance of metabolic parameters affecting reproductive performance of Japanese Black breeding cows. <i>Journal of Veterinary Science</i> , 2014, 15, 283.	1.3	9
64	Cell cycle analysis and interspecies nuclear transfer of cat cells treated with chemical inhibitors. <i>Acta Veterinaria Hungarica</i> , 2014, 62, 233-242.	0.5	1
65	Roles of the zona pellucida and functional exposure of the sperm-egg fusion factor <i>ZUMO</i> ™ during <i>in vitro</i> fertilization in pigs. <i>Animal Science Journal</i> , 2014, 85, 395-404.	1.4	9
66	Effect of Sericin Supplementation During <i>In Vitro</i> Maturation on the Maturation, Fertilization and Development of Porcine Oocytes. <i>Reproduction in Domestic Animals</i> , 2014, 49, e17-20.	1.4	14
67	Effects of skim-milk supplementation on the quality and penetrating ability of boar semen after long-term preservation at 15 °C. <i>Acta Veterinaria Hungarica</i> , 2014, 62, 106-116.	0.5	8
68	Application of mycotoxin adsorbent to cattle feed contaminated with zearalenone: urinary zearalenone excretion and association with anti-Müllerian hormone. <i>World Mycotoxin Journal</i> , 2014, 7, 367-378.	1.4	7
69	Chelation of trace elements in preservation medium influences the quality of boar spermatozoa during liquid preservation at 5°C for 4 weeks. <i>Cryo-Letters</i> , 2014, 35, 336-44.	0.3	1
70	Effects of long-term <i>in vitro</i> exposure of ejaculated boar sperm to zearalenone and zearalenol in sperm liquid storage medium. <i>Animal Science Journal</i> , 2013, 84, 28-34.	1.4	6
71	The effect of relaxin supplementation of <i>in vitro</i> maturation medium on the development of cat oocytes obtained from ovaries stored at 4°C. <i>Reproductive Biology</i> , 2013, 13, 122-126.	1.9	12
72	Motility and fertility of boar semen after liquid preservation at 5°C for more than 2 weeks. <i>Animal Science Journal</i> , 2013, 84, 600-606.	1.4	13

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73	Cryopreservation for bovine embryos in serum-free freezing medium containing silk protein sericin. <i>Cryobiology</i> , 2013, 67, 184-187.	0.7	34
74	Novel iontophoretic administration method for local therapy of breast cancer. <i>Journal of Controlled Release</i> , 2013, 168, 298-306.	9.9	16
75	Cell Cycle Synchronization of Skin Fibroblast Cells in Four Species of Family Felidae. <i>Reproduction in Domestic Animals</i> , 2013, 48, 305-310.	1.4	16
76	Effects of green tea polyphenol on the quality of canine semen after long-term storage at 5°C. <i>Reproductive Biology</i> , 2013, 13, 251-254.	1.9	22
77	Establishment of adult mouse Sertoli cell lines by using the starvation method. <i>Reproduction</i> , 2013, 145, 505-516.	2.6	17
78	A Japanese Black breeding herd exhibiting low blood urea nitrogen: A metabolic profile study examining the effect on reproductive performance. <i>Animal Science Journal</i> , 2013, 84, 389-394.	1.4	12
79	Metabolic Profile of Japanese Black Breeding Cattle Herds: Usefulness in Selection for Nutrient Supplementation to Enhance Reproductive Performance and Regional Differences. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 481-487.	0.9	11
80	Evaluation of Zona Pellucida Function for Sperm Penetration During <i>In Vitro</i> Fertilization in Pigs. <i>Journal of Reproduction and Development</i> , 2013, 59, 385-392.	1.4	16
81	Comparison of activation ability between feline and bovine oocytes. <i>Acta Veterinaria Hungarica</i> , 2013, 61, 491-494.	0.5	2
82	<i>In Vitro</i> Fertilization and Development of Porcine Oocytes Matured in Follicular Fluid. <i>Journal of Reproduction and Development</i> , 2013, 59, 103-106.	1.4	5
83	Histone Deacetylase Inhibitor Improves the Development and Acetylation Levels of Cat-Cow Interspecies Cloned Embryos. <i>Cellular Reprogramming</i> , 2013, 15, 301-308.	0.9	11
84	Relationship between urinary zearalenone concentration and embryo production in superovulated cattle. <i>Archives Animal Breeding</i> , 2013, 56, 360-366.	1.4	2
85	Meiotic Competence and DNA Damage of Porcine Immature Oocytes Following Cryoprotectant Exposure and Vitrification. <i>Asian Journal of Animal and Veterinary Advances</i> , 2013, 8, 670-676.	0.0	1
86	Glycoconjugates recognized by peanut agglutinin lectin in the inner acellular layer of the lamina propria of seminiferous tubules in human testes showing impaired spermatogenesis. <i>Human Reproduction</i> , 2012, 27, 659-668.	0.9	5
87	Assessment of canine ovaries autografted to various body sites. <i>Theriogenology</i> , 2012, 77, 131-138.	2.1	12
88	Effect of sericin on preimplantation development of bovine embryos cultured individually. <i>Theriogenology</i> , 2012, 78, 747-752.	2.1	42
89	Follicle Formation in the Canine Ovary After Autografting to a Peripheral Site. <i>Reproduction in Domestic Animals</i> , 2012, 47, e16-21.	1.4	6
90	Effects of Epigallocatechin Gallate on the Motility and Penetrability of Frozen-Thawed Boar Spermatozoa Incubated in the Fertilization Medium. <i>Reproduction in Domestic Animals</i> , 2012, 47, 880-886.	1.4	17

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91	Development and subsequent cryotolerance of domestic cat embryos cultured in serum-free and serum-containing media. <i>Cryobiology</i> , 2011, 63, 170-174.	0.7	11
92	Antiviral restriction factor transgenesis in the domestic cat. <i>Nature Methods</i> , 2011, 8, 853-859.	19.0	125
93	Assisted Hatching of Poor-quality Bovine Embryos Increases Pregnancy Success Rate After Embryo Transfer. <i>Journal of Reproduction and Development</i> , 2011, 57, 543-546.	1.4	9
94	Detection of Zearalenone and Its Metabolites in Naturally Contaminated Porcine Follicular Fluid by Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Reproduction and Development</i> , 2011, 57, 303-306.	1.4	23
95	Effects of Exposure to Zearalenone on Porcine Oocytes and Sperm During Maturation and Fertilization In Vitro. <i>Journal of Reproduction and Development</i> , 2011, 57, 547-550.	1.4	17
96	Formation of an Antral Follicle-like Structure of Bovine Cumulus-Oocyte Complexes Embedded Individually or in Groups in Collagen Gels. <i>Reproduction in Domestic Animals</i> , 2011, 46, 423-427.	1.4	3
97	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. <i>Prion</i> , 2011, 5, 39-46.	1.8	14
98	18 EFFECTS OF SKIM MILK ON THE QUALITY AND FERTILITY OF BOAR SEMEN FOLLOWING LIQUID PRESERVATION AT 5°C AND 15°C. <i>Reproduction, Fertility and Development</i> , 2011, 23, 115.	0.4	1
99	Plasma progesterone profiles in Beagle bitches with and without the whelping experience. <i>Acta Veterinaria Hungarica</i> , 2010, 58, 117-124.	0.5	2
100	Effects of Twice-Weekly Follicular Punctures of Ovaries With or Without the Corpus Luteum on Follicular and Luteal Dynamics. <i>Reproduction in Domestic Animals</i> , 2010, 45, 50-54.	1.4	2
101	Effects of Season and Reproductive Phase on the Quality, Quantity and Developmental Competence of Oocytes Aspirated from Japanese Black Cows. <i>Journal of Reproduction and Development</i> , 2010, 56, 55-59.	1.4	23
102	Effects of epigallocatechin-3-gallate on the developmental competence of parthenogenetic embryos in the pig. <i>Italian Journal of Animal Science</i> , 2010, 9, e73.	1.9	6
103	Effects of oxygen tension and follicle cells on maturation and fertilization of porcine oocytes during in vitro culture in follicular fluid. <i>Theriogenology</i> , 2010, 73, 893-899.	2.1	14
104	Effect of Roscovitine Pretreatment on the Meiotic Maturation of Bovine Oocytes and their Subsequent Development after Somatic Cell Nuclear Transfer. <i>Journal of Animal and Veterinary Advances</i> , 2010, 9, 2848-2853.	0.1	5
105	Effects of Medetomidine and Atipamezole on Cerebral Perfusion Pressure in Dogs. <i>Journal of Animal and Veterinary Advances</i> , 2010, 9, 913-919.	0.1	2
106	Influence of Volatile Anesthetics on Muscle Relaxant Effect of Vecuronium in Dogs. <i>Journal of Animal and Veterinary Advances</i> , 2010, 9, 1131-1136.	0.1	0
107	<i>In Vitro</i> Maturation and Development of Porcine Oocytes Cultured in a Straw or Dish Using a Portable Incubator with a CO <sub>2</sub> Chamber. <i>Reproduction in Domestic Animals</i> , 2009, 45, 619-24.	1.4	2
108	Influence of freezing with liquid nitrogen on whole-knee joint grafts and protection of cartilage from cryoinjury in rabbits. <i>Cryobiology</i> , 2009, 59, 28-35.	0.7	20

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109	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. <i>Reproduction in Domestic Animals</i> , 2008, 43, 157-161.	1.4	9
110	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. <i>Reproductive Toxicology</i> , 2008, 26, 164-169.	2.9	36
111	Messenger RNA expression of angiotensin-converting enzyme, endothelin, cyclooxygenase-2 and prostaglandin synthases in bovine placentomes during gestation and the postpartum period. <i>Veterinary Journal</i> , 2008, 177, 398-404.	1.7	17
112	Meiotic competence and DNA damage of porcine oocytes exposed to an elevated temperature. <i>Theriogenology</i> , 2008, 69, 767-772.	2.1	24
113	Establishment of a Novel Equine Cell Line for Isolation and Propagation of Equine Herpesviruses. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 989-991.	0.9	19
114	Developmental Competence of Cat Oocytes from Ovaries Stored at Various Temperature for 24 h. <i>Journal of Reproduction and Development</i> , 2007, 53, 271-277.	1.4	26
115	Effect of Cryoprotectant Composition on In Vitro Viability of In Vitro Fertilized and Cloned Bovine Embryos Following Vitrification and In-Straw Dilution. <i>Journal of Reproduction and Development</i> , 2007, 53, 963-969.	1.4	13
116	Ovarian follicular and corpus luteum changes, progesterone concentrations, estrus and ovulation following estradiol benzoate/progesterone based treatment protocol in cross-bred cows. <i>Animal Reproduction Science</i> , 2007, 99, 389-394.	1.5	5
117	Knockdown of the bovine prion gene PRNP by RNA interference (RNAi) technology. <i>BMC Biotechnology</i> , 2007, 7, 44.	3.3	9
118	Role of Cumulus Cells on In Vitro Maturation of Canine Oocytes. <i>Reproduction in Domestic Animals</i> , 2007, 42, 184-189.	1.4	14
119	Improvement of transgenic cloning efficiencies by culturing recipient oocytes and donor cells with antioxidant vitamins in cattle. <i>Molecular Reproduction and Development</i> , 2007, 74, 694-702.	2.0	19
120	Effects of hexoses on in vitro oocyte maturation and embryo development in pigs. <i>Theriogenology</i> , 2006, 65, 332-343.	2.1	23
121	In vitro development and post-thaw survival of blastocysts derived from delipidated zygotes from domestic cats. <i>Theriogenology</i> , 2006, 65, 415-423.	2.1	15
122	Effects of Î²-mercaptoethanol and cycloheximide on survival and DNA damage of bovine embryos stored at 4Å°C for 72h. <i>Theriogenology</i> , 2006, 65, 1322-1332.	2.1	8
123	Effects of single and double exposure to brilliant cresyl blue on the selection of porcine oocytes for in vitro production of embryos. <i>Theriogenology</i> , 2006, 66, 366-372.	2.1	62
124	Effects of electric field strengths on fusion and in vitro development of domestic cat embryos derived by somatic cell nuclear transfer. <i>Theriogenology</i> , 2006, 66, 1237-1242.	2.1	11
125	Effect of Maturation Culture Period of Oocytes on the Sex Ratio of In Vitro Fertilized Bovine Embryos. <i>Journal of Reproduction and Development</i> , 2006, 52, 123-127.	1.4	35
126	Meiotic Competence of Canine Oocytes Embedded in Collagen Gel. <i>Reproduction in Domestic Animals</i> , 2006, 41, 17-21.	1.4	8

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127	Effects of Ovary Storage Time and Temperature on DNA Fragmentation and Development of Porcine Oocytes. <i>Journal of Reproduction and Development</i> , 2005, 51, 87-97.	1.4	47
128	Relationship between Oxygen Consumption and Sex of Bovine In Vitro Fertilized Embryos. <i>Reproduction in Domestic Animals</i> , 2005, 40, 51-56.	1.4	26
129	Effect of the Removal of Cumulus Cells on the Nuclear Maturation, Fertilization and Development of Porcine Oocytes. <i>Reproduction in Domestic Animals</i> , 2005, 40, 166-170.	1.4	88
130	Analysis of DNA Fragmentation of Porcine Embryos Exposed to Cryoprotectants. <i>Reproduction in Domestic Animals</i> , 2005, 40, 429-432.	1.4	30
131	Development of Cat Embryos Produced by Intracytoplasmic Injection of Spermatozoa Stored in Alcohol. <i>Reproduction in Domestic Animals</i> , 2005, 40, 511-515.	1.4	5
132	Effect of Cycloheximide on In Vitro Development of Electrically Activated Feline Oocytes. <i>Journal of Reproduction and Development</i> , 2005, 51, 783-786.	1.4	9
133	Development of Interspecies Cloned Embryos in Yak and Dog. <i>Cloning and Stem Cells</i> , 2005, 7, 77-81.	2.6	38
134	Influence of maturation culture period on the development of canine oocytes after in vitro maturation and fertilization. <i>Reproduction, Nutrition, Development</i> , 2004, 44, 631-637.	1.9	34
135	Effect of Replacement of Pyruvate/Lactate in Culture Medium with Glucose on Preimplantation Development of Porcine Embryos In Vitro. <i>Journal of Reproduction and Development</i> , 2004, 50, 587-592.	1.4	14
136	305DEVELOPING AN ACTIVATION PROTOCOL FOR SOMATIC CELL NUCLEAR TRANSFER (SCNT) IN THE DOMESTIC CAT. <i>Reproduction, Fertility and Development</i> , 2004, 16, 272.	0.4	3
137	Blastocysts derived from in vitro-fertilized cat oocytes after vitrification and dilution with sucrose. <i>Cryobiology</i> , 2004, 48, 341-348.	0.7	40
138	Effects of oxygen tension on the development and quality of porcine in vitro fertilized embryos. <i>Theriogenology</i> , 2004, 62, 1585-1595.	2.1	61
139	Relationship between DNA fragmentation and nuclear status of in vitro-matured porcine oocytes: role of cumulus cells. <i>Reproduction, Fertility and Development</i> , 2004, 16, 773.	0.4	12
140	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. <i>Cryobiology</i> , 2003, 47, 102-108.	0.7	28
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