

Goo Jang

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

2,344
citations

257101

24
h-index

233125

45
g-index

90
all docs

90
docs citations

90
times ranked

2658
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Production of <i>MSTN</i> -mutated cattle without exogenous gene integration using CRISPR-Cas9. <i>Biotechnology Journal</i> , 2022, 17, e2100198. | 1.8 | 23 |
| 2 | Application of transposon systems in the transgenesis of bovine somatic and germ cells. <i>BMC Veterinary Research</i> , 2022, 18, 156. | 0.7 | 2 |
| 3 | Mitofusin-2 modulates the epithelial to mesenchymal transition in thyroid cancer progression. <i>Scientific Reports</i> , 2021, 11, 2054. | 1.6 | 16 |
| 4 | Development of in-vitro maturation protocol for rat oocytes; under simple culture vs co-culture with cumulus cell monolayer and its developmental potential via Parthenogenetic/artificial activation. <i>BMC Veterinary Research</i> , 2021, 17, 44. | 0.7 | 4 |
| 5 | Target-AID-Mediated Multiplex Base Editing in Porcine Fibroblasts. <i>Animals</i> , 2021, 11, 3570. | 1.0 | 2 |
| 6 | Transgenic F2 bovine embryos show stable germline transmission and maintenance of transgene expression through two generations. <i>Biology of Reproduction</i> , 2020, 103, 1148-1151. | 1.2 | 2 |
| 7 | CRISPR/Cas9-mediated knockout of <i>Mct8</i> reveals a functional involvement of <i>Mct8</i> in testis and sperm development in a rat. <i>Scientific Reports</i> , 2020, 10, 11148. | 1.6 | 6 |
| 8 | Cell-Laden Gelatin Methacryloyl Bioink for the Fabrication of Z-Stacked Hydrogel Scaffolds for Tissue Engineering. <i>Polymers</i> , 2020, 12, 3027. | 2.0 | 7 |
| 9 | Lineage tracing using a Cas9-deaminase barcoding system targeting endogenous L1 elements. <i>Nature Communications</i> , 2019, 10, 1234. | 5.8 | 36 |
| 10 | Production of Transgenic Porcine Embryos Reconstructed with Induced Pluripotent Stem-Like Cells Derived from Porcine Endogenous Factors Using <i>piggyBac</i> System. <i>Cellular Reprogramming</i> , 2019, 21, 26-36. | 0.5 | 10 |
| 11 | Spalding's Sign in a Domestic Cat with Dystocia and Its Medical Management. <i>Journal of Veterinary Clinics</i> , 2019, 36, 116-118. | 0.2 | 0 |
| 12 | Sex differences in single IVF-derived bovine embryo cultured in chemically defined medium. <i>International Journal of Veterinary Science and Medicine</i> , 2018, 6, S78-S80. | 0.8 | 1 |
| 13 | Development of genome engineering technologies in cattle: from random to specific. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 16. | 2.1 | 33 |
| 14 | Long-term health and germline transmission in transgenic cattle following transposon-mediated gene transfer. <i>BMC Genomics</i> , 2018, 19, 387. | 1.2 | 9 |
| 15 | Targeted Genome Engineering to Control VEGF Expression in Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells: Potential Implications for the Treatment of Myocardial Infarction. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1040-1051. | 1.6 | 43 |
| 16 | Timing of fertile period for successful pregnancy in American Bully dogs. <i>Theriogenology</i> , 2017, 104, 49-54. | 0.9 | 3 |
| 17 | Coincidence of Persistent Müllerian duct syndrome and testicular tumors in dogs. <i>BMC Veterinary Research</i> , 2017, 13, 156. | 0.7 | 9 |
| 18 | Immunohistochemical localization of glucose transporter 1 and 3 in the scrotal and abdominal testes of a dog. <i>Laboratory Animal Research</i> , 2017, 33, 114. | 1.1 | 6 |

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|----|--|-----|-----------|
| 19 | Differential expression of estrogen receptor $\hat{1}\alpha$ and progesterone receptor in the normal and cryptorchid testis of a dog. <i>Laboratory Animal Research</i> , 2016, 32, 128. | 1.1 | 9 |
| 20 | Transgenesis for pig models. <i>Journal of Veterinary Science</i> , 2016, 17, 261. | 0.5 | 9 |
| 21 | Efficient generation of transgenic cattle using the DNA transposon and their analysis by next-generation sequencing. <i>Scientific Reports</i> , 2016, 6, 27185. | 1.6 | 25 |
| 22 | Nuclear-mitochondrial incompatibility in interorder rhesus monkey "cow embryos derived from somatic cell nuclear transfer. <i>Primates</i> , 2016, 57, 471-478. | 0.7 | 6 |
| 23 | Developmental competence and cryotolerance of caprine parthenogenetic embryos cultured in chemically defined media. <i>Theriogenology</i> , 2016, 86, 596-603. | 0.9 | 4 |
| 24 | Inducible HGF-secreting Human Umbilical Cord Blood-derived MSCs Produced via TALEN-mediated Genome Editing Promoted Angiogenesis. <i>Molecular Therapy</i> , 2016, 24, 1644-1654. | 3.7 | 45 |
| 25 | Oct4 overexpression facilitates proliferation of porcine fibroblasts and development of cloned embryos. <i>Zygote</i> , 2015, 23, 704-711. | 0.5 | 11 |
| 26 | Intrapancreatic ectopic splenic tissue found in a cloned miniature pig. <i>Journal of Veterinary Science</i> , 2015, 16, 241. | 0.5 | 4 |
| 27 | Cloned foal derived from in vivo matured horse oocytes aspirated by the short disposable needle system. <i>Journal of Veterinary Science</i> , 2015, 16, 509. | 0.5 | 10 |
| 28 | Disruption of exogenous eGFP gene using RNA-guided endonuclease in bovine transgenic somatic cells. <i>Zygote</i> , 2015, 23, 916-923. | 0.5 | 9 |
| 29 | Update on the First Cloned Dog and Outlook for Canine Cloning. <i>Cellular Reprogramming</i> , 2015, 17, 325-326. | 0.5 | 3 |
| 30 | Discovery of a non-cationic cell penetrating peptide derived from membrane-interacting human proteins and its potential as a protein delivery carrier. <i>Scientific Reports</i> , 2015, 5, 11719. | 1.6 | 56 |
| 31 | Efficient PRNP deletion in bovine genome using gene-editing technologies in bovine cells. <i>Prion</i> , 2015, 9, 278-291. | 0.9 | 16 |
| 32 | Enhanced Hepatogenic Transdifferentiation of Human Adipose Tissue Mesenchymal Stem Cells by Gene Engineering with Oct4 and Sox2. <i>PLoS ONE</i> , 2015, 10, e0108874. | 1.1 | 9 |
| 33 | Arthroscopy for the Diagnosis and Treatment of Failed Trochleoplasty in a Dog. <i>Journal of Veterinary Clinics</i> , 2015, 32, 251-254. | 0.2 | 9 |
| 34 | Unilateral cryptorchidism induces morphological changes of testes and hyperplasia of Sertoli cells in a dog. <i>Laboratory Animal Research</i> , 2014, 30, 185. | 1.1 | 19 |
| 35 | Survival of Skin Graft between Transgenic Cloned Dogs and Non-Transgenic Cloned Dogs. <i>PLoS ONE</i> , 2014, 9, e108330. | 1.1 | 3 |
| 36 | Relationship between pregnancy rate and serum progesterone concentration in cases of porcine embryo transfer. <i>Journal of Veterinary Science</i> , 2014, 15, 167. | 0.5 | 5 |

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|----|---|-----|-----------|
| 37 | Production of CMAH Knockout Preimplantation Embryos Derived From Immortalized Porcine Cells Via TALE Nucleases. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e166. | 2.3 | 5 |
| 38 | Effect of ectopic OCT4 expression on canine adipose tissue-derived mesenchymal stem cell proliferation. <i>Cell Biology International</i> , 2014, 38, 1163-1173. | 1.4 | 8 |
| 39 | Replacement of glutamine with the dipeptide derivative alanyl-glutamine enhances in vitro maturation of porcine oocytes and development of embryos. <i>Zygote</i> , 2014, 22, 286-289. | 0.5 | 5 |
| 40 | Production and characterization of soluble human TNFRI-Fc and human HO-1(HMOX1) transgenic pigs by using the F2A peptide. <i>Transgenic Research</i> , 2014, 23, 407-419. | 1.3 | 30 |
| 41 | Enhanced proliferation and differentiation of Oct4- and Sox2-overexpressing human adipose tissue mesenchymal stem cells. <i>Experimental and Molecular Medicine</i> , 2014, 46, e101-e101. | 3.2 | 162 |
| 42 | Production of Mutated Porcine Embryos Using Zinc Finger Nucleases and a Reporter-based Cell Enrichment System. <i>Asian-Australasian Journal of Animal Sciences</i> , 2014, 27, 324-329. | 2.4 | 5 |
| 43 | Employing mated females as recipients for transfer of cloned dog embryos. <i>Reproduction, Fertility and Development</i> , 2013, 25, 700. | 0.1 | 8 |
| 44 | Quercetin improves the <i>in vitro</i> development of porcine oocytes by decreasing reactive oxygen species levels. <i>Journal of Veterinary Science</i> , 2013, 14, 15. | 0.5 | 45 |
| 45 | Developmental competence of porcine oocytes after <i>in vitro</i> maturation and <i>in vitro</i> culture under different oxygen concentrations. <i>Zygote</i> , 2012, 20, 1-8. | 0.5 | 37 |
| 46 | Production of transgenic canine embryos using interspecies somatic cell nuclear transfer. <i>Zygote</i> , 2012, 20, 67-72. | 0.5 | 9 |
| 47 | Production of porcine cloned embryos derived from cells conditionally expressing an exogenous gene using Cre-loxP. <i>Zygote</i> , 2012, 20, 423-425. | 0.5 | 5 |
| 48 | Functional improvement of porcine neonatal pancreatic cell clusters via conformal encapsulation using an air-driven encapsulator. <i>Experimental and Molecular Medicine</i> , 2012, 44, 20. | 3.2 | 20 |
| 49 | Effect of oocyte-secreted factors on porcine <i>in vitro</i> maturation, cumulus expansion and developmental competence of parthenotes. <i>Zygote</i> , 2012, 20, 135-145. | 0.5 | 25 |
| 50 | Paradoxical effects of kisspeptin: it enhances oocyte in vitro maturation but has an adverse impact on hatched blastocysts during in vitro culture. <i>Reproduction, Fertility and Development</i> , 2012, 24, 656. | 0.1 | 50 |
| 51 | Effects of mineral supplements on ovulation and maturation of dog oocytes. <i>Theriogenology</i> , 2012, 78, 110-115. | 0.9 | 11 |
| 52 | SRY-positive 78, XY ovotesticular disorder of sex development in a wolf cloned by nuclear transfer. <i>Journal of Veterinary Science</i> , 2012, 13, 211. | 0.5 | 4 |
| 53 | Embryonic Development and Implantation Related Gene Expression of Oocyte Reconstructed with Bovine Trophoblast Cells. <i>Journal of Reproduction and Development</i> , 2012, 58, 425-431. | 0.5 | 11 |
| 54 | Effective donor cell fusion conditions for production of cloned dogs by somatic cell nuclear transfer. <i>Theriogenology</i> , 2011, 75, 777-782. | 0.9 | 17 |

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|----|--|-----|-----------|
| 55 | Effect of different culture media on the temporal gene expression in the bovine developing embryos. <i>Theriogenology</i> , 2011, 75, 995-1004. | 0.9 | 26 |
| 56 | Recloned dogs derived from adipose stem cells of a transgenic cloned beagle. <i>Theriogenology</i> , 2011, 75, 1221-1231. | 0.9 | 45 |
| 57 | Cloned calves derived from somatic cell nuclear transfer embryos cultured in chemically defined medium or modified synthetic oviduct fluid. <i>Journal of Veterinary Science</i> , 2011, 12, 83. | 0.5 | 5 |
| 58 | Post-mortem re-cloning of a transgenic red fluorescent protein dog. <i>Journal of Veterinary Science</i> , 2011, 12, 405. | 0.5 | 4 |
| 59 | Production of Transgenic Bovine Cloned Embryos Using Piggybac Transposition. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1453-1457. | 0.3 | 16 |
| 60 | Generation of transgenic dogs that conditionally express green fluorescent protein. <i>Genesis</i> , 2011, 49, spcone-spcone. | 0.8 | 0 |
| 61 | Short-term treatment with 6-DMAP and demecolcine improves developmental competence of electrically or Thi/DTT-activated porcine parthenogenetic embryos. <i>Zygote</i> , 2011, 19, 1-8. | 0.5 | 4 |
| 62 | Blastocysts derived from adult fibroblasts of a rhesus monkey (<i>Macaca mulatta</i>) using interspecies somatic cell nuclear transfer. <i>Zygote</i> , 2011, 19, 199-204. | 0.5 | 12 |
| 63 | The 9-Cis Retinoic Acid Signaling Pathway and Its Regulation of Prostaglandin-Endoperoxide Synthase 2 During In Vitro Maturation of Pig Cumulus Cell-Oocyte Complexes and Effects on Parthenogenetic Embryo Production1. <i>Biology of Reproduction</i> , 2011, 84, 1272-1281. | 1.2 | 28 |
| 64 | Dog recloning from muscle fibroblasts in transgenic cloned beagle: Regeneration of an identical transgenic dog. , 2010, , . | | 0 |
| 65 | Current status and applications of somatic cell nuclear transfer in dogs. <i>Theriogenology</i> , 2010, 74, 1311-1320. | 0.9 | 27 |
| 66 | The effects of brain-derived neurotrophic factor and metformin on in vitro developmental competence of bovine oocytes. <i>Zygote</i> , 2009, 17, 187-193. | 0.5 | 12 |
| 67 | Effect of recipient breed on delivery rate of cloned miniature pig. <i>Zygote</i> , 2009, 17, 203-207. | 0.5 | 27 |
| 68 | Generation of red fluorescent protein transgenic dogs. <i>Genesis</i> , 2009, 47, spcone-spcone. | 0.8 | 2 |
| 69 | Effects of melatonin on in vitro maturation of porcine oocyte and expression of melatonin receptor RNA in cumulus and granulosa cells. <i>Journal of Pineal Research</i> , 2009, 46, 22-28. | 3.4 | 175 |
| 70 | Dogs cloned from fetal fibroblasts by nuclear transfer. <i>Animal Reproduction Science</i> , 2009, 115, 334-339. | 0.5 | 35 |
| 71 | Conservation of the Sapsaree (<i>Canis familiaris</i>), a Korean Natural Monument, using Somatic Cell Nuclear Transfer. <i>Journal of Veterinary Medical Science</i> , 2009, 71, 1217-1220. | 0.3 | 18 |
| 72 | Improved cryopreservation of bovine preimplantation embryos cultured in chemically defined medium. <i>Animal Reproduction Science</i> , 2008, 103, 239-248. | 0.5 | 19 |

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|----|--|------|-----------|
| 73 | Glutathione Content of In Vivo and In Vitro Matured Canine Oocytes Collected from Different Reproductive Stages. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 627-632. | 0.3 | 22 |
| 74 | Improved in vitro bovine embryo development and increased efficiency in producing viable calves using defined media. <i>Theriogenology</i> , 2007, 67, 293-302. | 0.9 | 77 |
| 75 | Influence of season and parity on the recovery of in vivo canine oocytes by flushing fallopian tubes. <i>Animal Reproduction Science</i> , 2007, 99, 330-341. | 0.5 | 20 |
| 76 | Endangered Wolves Cloned from Adult Somatic Cells. <i>Cloning and Stem Cells</i> , 2007, 9, 130-137. | 2.6 | 163 |
| 77 | Birth of puppies after intrauterine and intratubal insemination with frozen-thawed canine semen. <i>Journal of Veterinary Science</i> , 2007, 8, 75. | 0.5 | 11 |
| 78 | Effects of thiol compounds on in vitro maturation of canine oocytes collected from different reproductive stages. <i>Molecular Reproduction and Development</i> , 2007, 74, 1213-1220. | 1.0 | 24 |
| 79 | An approach for producing transgenic cloned cows by nuclear transfer of cells transfected with human alpha 1-antitrypsin gene. <i>Theriogenology</i> , 2006, 65, 1800-1812. | 0.9 | 31 |
| 80 | Dogs cloned from adult somatic cells. <i>Nature</i> , 2005, 436, 641-641. | 13.7 | 394 |
| 81 | Effects of canine serum collected from dogs at different estrous cycle stages on in vitro nuclear maturation of canine oocytes. <i>Zygote</i> , 2005, 13, 227-232. | 0.5 | 19 |
| 82 | Developmental competence and gene expression in preimplantation bovine embryos derived from somatic cell nuclear transfer using different donor cells. <i>Zygote</i> , 2005, 13, 187-195. | 0.5 | 21 |
| 83 | Effects of estradiol-17 β and progesterone supplementation on in vitro nuclear maturation of canine oocytes. <i>Theriogenology</i> , 2005, 63, 1342-1353. | 0.9 | 70 |
| 84 | Preimplantational embryo development and incidence of blastomere apoptosis in bovine somatic cell nuclear transfer embryos reconstructed with long-term cultured donor cells. <i>Theriogenology</i> , 2004, 62, 512-521. | 0.9 | 24 |
| 85 | Effect of protein supplementation in potassium simplex optimization medium on preimplantation development of bovine non-transgenic and transgenic cloned embryos. <i>Theriogenology</i> , 2004, 62, 1403-1416. | 0.9 | 20 |
| 86 | Development Potential of Transgenic Somatic Cell Nuclear Transfer Embryos According to Various Factors of Donor Cell. <i>Journal of Veterinary Medical Science</i> , 2004, 66, 1567-1573. | 0.3 | 17 |
| 87 | Effect of Transfection and Passage Number of Ear Fibroblasts on In Vitro Development of Bovine Transgenic Nuclear Transfer Embryos. <i>Journal of Veterinary Medical Science</i> , 2004, 66, 257-261. | 0.3 | 18 |
| 88 | Effect of beta-mercaptoethanol or epidermal growth factor supplementation on in vitro maturation of canine oocytes collected from dogs with different stages of the estrus cycle. <i>Journal of Veterinary Science</i> , 2004, 5, 253-8. | 0.5 | 7 |
| 89 | Effect of glycosaminoglycans on the preimplantation development of embryos derived from in vitro fertilization and somatic cell nuclear transfer. <i>Reproduction, Fertility and Development</i> , 2003, 15, 179. | 0.1 | 29 |