

# Inchul Choi

## List of Publications by Year in descending order

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42  
papers

443  
citations

759055

12  
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794469

19  
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#	ARTICLE	IF	CITATIONS
1	Transcription factor AP-2 $\beta$ is a core regulator of tight junction biogenesis and cavity formation during mouse early embryogenesis. <i>Development (Cambridge)</i> , 2012, 139, 4623-4632.	1.2	58
2	In vitro fertilization of ovine oocytes vitrified by solid surface vitrification at germinal vesicle stage. <i>Cryobiology</i> , 2012, 65, 139-144.	0.3	46
3	Production of good-quality blastocyst embryos following IVF of ovine oocytes vitrified at the germinal vesicle stage using a cryoloop. <i>Reproduction, Fertility and Development</i> , 2013, 25, 1204.	0.1	28
4	Nuclear cytoplasmic incompatibility and inefficient development of pig mouse cytoplasmic hybrid embryos. <i>Reproduction</i> , 2011, 142, 295-307.	1.1	26
5	BRG1 Governs <i>Nanog</i> Transcription in Early Mouse Embryos and Embryonic Stem Cells via Antagonism of Histone H3 Lysine 9/14 Acetylation. <i>Molecular and Cellular Biology</i> , 2015, 35, 4158-4169.	1.1	26
6	Ovine Oocytes Vitrified at Germinal Vesicle Stage as Cytoplast Recipients for Somatic Cell Nuclear Transfer (SCNT). <i>Cellular Reprogramming</i> , 2011, 13, 289-296.	0.5	22
7	Treatment of ovine oocytes with caffeine increases the accessibility of DNase I to the donor chromatin and reduces apoptosis in somatic cell nuclear transfer embryos. <i>Reproduction, Fertility and Development</i> , 2010, 22, 1000.	0.1	21
8	CXADR is required for AJ and TJ assembly during porcine blastocyst formation. <i>Reproduction</i> , 2016, 151, 297-304.	1.1	18
9	Caffeine treatment of ovine cytoplasts regulates gene expression and foetal development of embryos produced by somatic cell nuclear transfer. <i>Molecular Reproduction and Development</i> , 2010, 77, 876-887.	1.0	16
10	ADAM10 Is Involved in Cell Junction Assembly in Early Porcine Embryo Development. <i>PLoS ONE</i> , 2016, 11, e0152921.	1.1	15
11	Analysis of circulating-microRNA expression in lactating Holstein cows under summer heat stress. <i>PLoS ONE</i> , 2020, 15, e0231125.	1.1	14
12	Involvement of CDKN1A (p21) in cellular senescence in response to heat and irradiation stress during preimplantation development. <i>Cell Stress and Chaperones</i> , 2020, 25, 503-508.	1.2	14
13	Transcriptional Reprogramming and Chromatin Remodeling Accompanies Oct4 and Nanog Silencing in Mouse Trophoblast Lineage. <i>Stem Cells and Development</i> , 2014, 23, 219-229.	1.1	13
14	Effects of prolonged exposure of mouse embryos to elevated temperatures on embryonic developmental competence. <i>Reproductive BioMedicine Online</i> , 2015, 31, 171-179.	1.1	13
15	ROCK activity regulates functional tight junction assembly during blastocyst formation in porcine parthenogenetic embryos. <i>PeerJ</i> , 2016, 4, e1914.	0.9	13
16	The combined treatment of calcium ionophore with strontium improves the quality of ovine SCNT embryo development. <i>Zygote</i> , 2013, 21, 139-150.	0.5	12
17	Evidence that Transcription Factor AP-2 $\beta$ Is Not Required for Oct4 Repression in Mouse Blastocysts. <i>PLoS ONE</i> , 2013, 8, e65771.	1.1	10
18	Caffeine and oocyte vitrification: Sheep as an animal model. <i>International Journal of Veterinary Science and Medicine</i> , 2018, 6, S41-S48.	0.8	10

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19	The Cxadrâ€“Adam10 complex plays pivotal roles in tight junction integrity and early trophoblast development in mice. <i>Molecular Reproduction and Development</i> , 2019, 86, 1628-1638.	1.0	8
20	Expression and function of transcription factor AP-2Î³ in early embryonic development of porcine parthenotes. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1197.	0.1	7
21	Long-term artificial selection of Hanwoo (Korean) cattle left genetic signatures for the breeding traits and has altered the genomic structure. <i>Scientific Reports</i> , 2022, 12, 6438.	1.6	6
22	Analysis of single nucleotide polymorphisms related to heifer fertility in Hanwoo (Korean cattle). <i>Animal Biotechnology</i> , 2022, 33, 964-969.	0.7	5
23	Tight Junction Assembly Ensures Maintenance of Pregnancy during Embryogenesis in a Mouse Model. <i>Journal of Animal Reproduction and Biotechnology</i> , 2019, 34, 318-321.	0.3	5
24	Responses in growth performance and nutrient digestibility to a multi-protease supplementation in amino acid-deficient broiler diets. <i>Journal of Animal Science and Technology</i> , 2020, 62, 840-853.	0.8	5
25	Nuclear-Cytoplasmic Incompatibility in Inter-Species Cytoplasm Hybrid Embryos: Implications for Inter-Species Nuclear Transfer Hybrid Embryo.. <i>Biology of Reproduction</i> , 2011, 85, 763-763.	1.2	5
26	Potential use of transgenic domestic pigs expressing recombinant human erythropoietin in diabetes translation research. <i>Animal Cells and Systems</i> , 2019, 23, 42-49.	0.8	4
27	Gene expression patterns in Korean native ducks ( <i>Anas platyrhynchos</i> ) with different apparent metabolisable energy (AME) levels. <i>Livestock Science</i> , 2017, 202, 67-73.	0.6	3
28	Cytoplasmic polyadenylation element binding protein 2 (CPEB2) is required for tight-junction assembly for establishment of porcine trophectoderm epithelium. <i>Reproduction, Fertility and Development</i> , 2019, 31, 412.	0.1	3
29	Expression patterns and biological function of Specc1 during mouse preimplantation development. <i>Gene Expression Patterns</i> , 2021, 41, 119196.	0.3	2
30	Identification of a novel embryoâ€“prevalent gene, Gm11545 , involved in preimplantation embryogenesis in mice. <i>FASEB Journal</i> , 2019, 33, 11326-11337.	0.2	1
31	Whole Blood Transcriptome Analysis for Lifelong Monitoring in Elite Sniffer Dogs Produced by Somatic Cell Nuclear Transfer. <i>Cellular Reprogramming</i> , 2019, 21, 301-313.	0.5	1
32	Altrenogest affects expression of galectin-3 and fibroblast growth factor 9 in the reproductive tract of sows. <i>Animal Biotechnology</i> , 2020, 32, 1-7.	0.7	1
33	The Role of Protein Kinases in Reprogramming and Development of SCNT Embryos. <i>Journal of Animal Reproduction and Biotechnology</i> , 2015, 30, 33-43.	0.3	1
34	An Analysis of Evaluation for Korean Native Cattle (Hanwoo) Reproductive Performance and Cow-Calf Profitability. <i>Journal of Animal Reproduction and Biotechnology</i> , 2015, 30, 189-193.	0.3	1
35	Reproductive performance of Korean native cattle (Hanwoo) focusing on calving interval and parity. <i>Journal of Animal Reproduction and Biotechnology</i> , 2016, 31, 273-279.	0.3	1
36	Regulation of Tjp1 mRNA by CPEB2 for tight junction assembly in mouse blastocyst. <i>Reproduction</i> , 2022, 163, 233-240.	1.1	1

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37	Some Reminiscences of Keith Campbell. Cellular Reprogramming, 2013, 15, 346-347.	0.5	0
38	Cell Cycle Regulation in Cloning. , 2014, , 149-160.		0
39	A novel role of Beclin-1, cytokinetic abscission. Cell Cycle, 2016, 15, 2101-2101.	1.3	0
40	Use of morphometric measurement for estimation of AI timing of Hanwoo heifer (Korean native) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 6	0.3	0
41	Reproduction and marketing plans for improving profitability of Korean native cattle (Hanwoo) farm. Journal of Animal Reproduciton and Biotechnology, 2016, 31, 267-272.	0.3	0
42	Traf4 is required for tight junction complex during mouse blastocyst formation. Journal of Animal Reproduciton and Biotechnology, 2021, 36, 307-313.	0.3	0