Youngsok Choi

List of Publications by Year
in descending order

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109 papers	4,355 citations	101496 36 h-index	114418 63 g-index
111 all docs	111 docs citations	111 times ranked	5396 citing authors

#	Article	IF	Citations
1	Comparison of DNA/RNA yield and integrity between PMAP36-mediated and other bacterial lysis methods. Journal of Microbiological Methods, 2022, 193, 106396.	0.7	1
2	Generation of a B2M homozygous knockout human somatic cell nuclear transfer-derived embryonic stem cell line using the CRISPR/Cas9 system. Stem Cell Research, 2022, 59, 102643.	0.3	1
3	Hippo Signaling in the Endometrium. International Journal of Molecular Sciences, 2022, 23, 3852.	1.8	7
4	Role of Transcriptional and Epigenetic Regulation in Lymphatic Endothelial Cell Development. Cells, 2022, 11, 1692.	1.8	2
5	The Development, Differentiation, and Toxicity in Reproduction. International Journal of Molecular Sciences, 2022, 23, 7183.	1.8	0
6	Inhibition of neural stem cell aging through the transient induction of reprogramming factors. Journal of Comparative Neurology, 2021, 529, 595-604.	0.9	9
7	Influence of habitat change from land to sea on the evolution of antimicrobial peptide gene families, including Î²â€defensin gene clusters, in mammals. Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 510-521.	0.6	2
8	TRITC-Loaded PLGA Nanoparticles as Drug Delivery Carriers in Mouse Oocytes and Embryos. ACS Applied Materials & Interfaces, 2021, 13, 5975-5988.	4.0	6
9	Different Cre systems induce differential microRNA landscapes and abnormalities in the female reproductive tracts of Dgcr8 conditional knockout mice. Cell Proliferation, 2021, 54, e12996.	2.4	3
10	Effects of kefir on doxorubicin-induced multidrug resistance in human colorectal cancer cells. Journal of Functional Foods, 2021, 78, 104371.	1.6	7
11	Conjugation of vascular endothelial growth factor to poly lactic-co-glycolic acid nanospheres enhances differentiation of embryonic stem cells to lymphatic endothelial cells. Animal Bioscience, 2021, 34, 533-538.	0.8	0
12	Expression and Regulation of CD73 during the Estrous Cycle in Mouse Uterus. International Journal of Molecular Sciences, 2021, 22, 9403.	1.8	6
13	Epigenetic priming by Dot1l in lymphatic endothelial progenitors ensures normal lymphatic development and function. Cell Death and Disease, 2020, 11, 14.	2.7	17
14	Generation of brain organoids from mouse ESCs via teratoma formation. Stem Cell Research, 2020, 49, 102100.	0.3	3
15	Mitochondrial and Metabolic Dynamics of Endometrial Stromal Cells During the Endometrial Cycle. Stem Cells and Development, 2020, 29, 1407-1415.	1.1	6
16	mTOR-Dependent Role of Sestrin2 in Regulating Tumor Progression of Human Endometrial Cancer. Cancers, 2020, 12, 2515.	1.7	18
17	Antiviral Potential of Nanoparticlesâ€"Can Nanoparticles Fight Against Coronaviruses?. Nanomaterials, 2020, 10, 1645.	1.9	162
18	Aluminum exposure promotes the metastatic proclivity of human colorectal cancer cells through matrix metalloproteinases and the TGF-Î²/Smad signaling pathway. Food and Chemical Toxicology, 2020, 141, 111402.	1.8	9

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19	Role of mitochondrial fission-related genes in mitochondrial morphology and energy metabolism in mouse embryonic stem cells. Redox Biology, 2020, 36, 101599.	3.9	25
20	BIRC5 Expression Is Regulated in Uterine Epithelium during the Estrous Cycle. Genes, 2020, 11, 282.	1.0	3
21	Anisotropic Platinum Nanoparticle-Induced Cytotoxicity, Apoptosis, Inflammatory Response, and Transcriptomic and Molecular Pathways in Human Acute Monocytic Leukemia Cells. International Journal of Molecular Sciences, 2020, 21, 440.	1.8	26
22	Korean Red Ginseng Suppresses the Expression of Oxidative Stress Response and NLRP3 Inflammasome Genes in Aged C57BL/6 Mouse Ovaries. Foods, 2020, 9, 526.	1.9	9
23	Sirtuin 6 deficiency induces endothelial cell senescence via downregulation of forkhead box M1 expression. Aging, 2020, 12, 20946-20967.	1.4	25
24	Evaluation of Graphene Oxide Induced Cellular Toxicity and Transcriptome Analysis in Human Embryonic Kidney Cells. Nanomaterials, 2019, 9, 969.	1.9	65
25	Analysis of interferonâ€ receptor IFNGR1 and IFNGR2 expression and regulation at the maternalâ€conceptus interface and the role of interferonâ€ on endometrial expression of interferon signaling molecules during early pregnancy in pigs. Molecular Reproduction and Development, 2019, 86, 1993-2004.	1.0	9
26	Differential Regulation of TLE3 in Sertoli Cells of the Testes during Postnatal Development. Cells, 2019, 8, 1156.	1.8	6
27	Cytotoxicity and Transcriptomic Analyses of Biogenic Palladium Nanoparticles in Human Ovarian Cancer Cells (SKOV3). Nanomaterials, 2019, 9, 787.	1.9	36
28	STK3/4 Expression Is Regulated in Uterine Endometrial Cells during the Estrous Cycle. Cells, 2019, 8, 1643.	1.8	13
29	Severe combined immunodeficiency pig as an emerging animal model for human diseases and regenerative medicines. BMB Reports, 2019, 52, 625-634.	1.1	17
30	A novel mouse model of atopic dermatitis that is T helper 2 (Th2)-polarized by an epicutaneous allergen. Environmental Toxicology and Pharmacology, 2018, 58, 122-130.	2.0	4
31	Knockdown of PRKAR2B Results in the Failure of Oocyte Maturation. Cellular Physiology and Biochemistry, 2018, 45, 2009-2020.	1.1	12
32	Role of estrogen and RAS signaling in repeated implantation failure. BMB Reports, 2018, 51, 225-229.	1.1	21
33	Rapid expression of RASD1 is regulated by estrogen receptor-dependent intracellular signaling pathway in the mouse uterus. Molecular and Cellular Endocrinology, 2017, 446, 32-39.	1.6	9
34	Synergistic effect of melatonin and ghrelin in preventing cisplatinâ€induced ovarian damage via regulation of <scp>FOXO</scp>3a phosphorylation and binding to the p27^{Kip1} promoter in primordial follicles. Journal of Pineal Research, 2017, 63, e12432.	3.4	65
35	Melatonin and Fertoprotective Adjuvants: Prevention against Premature Ovarian Failure during Chemotherapy. International Journal of Molecular Sciences, 2017, 18, 1221.	1.8	38
36	Production of transgenic pig as an Alzheimerâ€™s disease model using a multi-cistronic vector system. PLoS ONE, 2017, 12, e0177933.	1.1	25

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37	Tudor Domain Containing Protein TDRD12 Expresses at the Acrosome of Spermatids in Mouse Testis. Asian-Australasian Journal of Animal Sciences, 2016, 29, 944-951.	2.4	8
38	Integrative Analyses of Uterine Transcriptome and MicroRNAome Reveal Compromised LIF-STAT3 Signaling and Progesterone Response in the Endometrium of Patients with Recurrent/Repeated Implantation Failure (RIF). PLoS ONE, 2016, 11, e0157696.	1.1	69
39	Genetic Variation of Methylenetetrahydrofolate Reductase (MTHFR) and Thymidylate Synthase (TS) Genes Is Associated with Idiopathic Recurrent Implantation Failure. PLoS ONE, 2016, 11, e0160884.	1.1	20
40	Melatonin prevents cisplatinâ€induced primordial follicle loss via suppression of <scp>PTEN</scp>/<scp>AKT</scp>/<scp>FOXO</scp>3a pathway activation in the mouse ovary. Journal of Pineal Research, 2016, 60, 336-347.	3.4	129
41	RASD1 Knockdown Results in Failure of Oocyte Maturation. Cellular Physiology and Biochemistry, 2016, 40, 1289-1302.	1.1	11
42	SOHLH2 is essential for synaptonemal complex formation during spermatogenesis in early postnatal mouse testes. Scientific Reports, 2016, 6, 20980.	1.6	13
43	Polymorphisms in tumor necrosis factor-alpha (â^'863C>A, â^'857C>T and +488G>A) are associated with idiopathic recurrent pregnancy loss in Korean women. Human Immunology, 2016, 77, 506-511.	1.2	13
44	Association of miR-146aC>G, miR-149C>T, miR-196a2T>C, and miR-499A>G polymorphisms with risk of recurrent implantation failure in Korean women. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2016, 202, 14-19.	0.5	25
45	Deficiency in DGCR8-dependent canonical microRNAs causes infertility due to multiple abnormalities during uterine development in mice. Scientific Reports, 2016, 6, 20242.	1.6	16
46	Directing human embryonic stem cells towards functional endothelial cells easily and without purification. Tissue Engineering and Regenerative Medicine, 2016, 13, 274-283.	1.6	3
47	Estrogen-dependent expression of sine oculis homeobox 1 in the mouse uterus during the estrous cycle. Biochemical and Biophysical Research Communications, 2016, 472, 489-495.	1.0	6
48	Cisplatin Induces Overactivation of the Dormant Primordial Follicle through PTEN/AKT/FOXO3a Pathway which Leads to Loss of Ovarian Reserve in Mice. PLoS ONE, 2015, 10, e0144245.	1.1	99
49	Deubiquitinase OTUD5 mediates the sequential activation of PDCD5 and p53 in response to genotoxic stress. Cancer Letters, 2015, 357, 419-427.	3.2	36
50	PINK1 positively regulates HDAC3 to suppress dopaminergic neuronal cell death. Human Molecular Genetics, 2015, 24, 1127-1141.	1.4	38
51	YAF2 promotes TP53-mediated genotoxic stress response via stabilization of PDCD5. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1060-1072.	1.9	10
52	Programmed cell death 5 mediates HDAC3 decay to promote genotoxic stress response. Nature Communications, 2015, 6, 7390.	5.8	40
53	Sperm DNA-mediated reduction of nonspecific fluorescence during cellular imaging with quantum dots. Chemical Communications, 2015, 51, 11584-11586.	2.2	1
54	Function of TET proteins in germ cell reprogramming. Genes and Genomics, 2015, 37, 223-229.	0.5	1

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55	A Porous Membrane-Mediated Isolation of Mesenchymal Stem Cells from Human Embryonic Stem Cells. Tissue Engineering - Part C: Methods, 2015, 21, 322-329.	1.1	28
56	Bioimaging of transcriptional activity of microRNA124a during neurogenesis. Biotechnology Letters, 2015, 37, 2333-2340.	1.1	7
57	DNAJB1 negatively regulates MIG6 to promote epidermal growth factor receptor signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2722-2730.	1.9	33
58	Role of the focal adhesion protein TRIM15 in colon cancer development. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 409-421.	1.9	46
59	Prostaglandin D2 synthase related to estrogen in the female reproductive tract. Biochemical and Biophysical Research Communications, 2015, 456, 355-360.	1.0	23
60	The expression of aminoacyl-tRNA-synthetase-interacting multifunctional protein-1 (Aimp1) is regulated by estrogen in the mouse uterus. Molecular and Cellular Endocrinology, 2015, 399, 78-86.	1.6	7
61	Avian Prostatic Acid Phosphatase: Estrogen Regulation in the Oviduct and Epithelial Cell-Derived Ovarian Carcinomas1. Biology of Reproduction, 2014, 91, 3.	1.2	6
62	Ground-State Conditions Promote Robust Prdm14 Reactivation and Maintain an Active Dlk1-Dio3 Region during Reprogramming. Molecules and Cells, 2014, 37, 31-35.	1.0	4
63	Modification to the injection needle to a screw needle improves effective cell delivery in acute myocardial infarction. Biotechnology Letters, 2014, 36, 859-868.	1.1	4
64	Association of inhibin Î± gene promoter polymorphisms with risk of idiopathic primary ovarian insufficiency in Korean women. Maturitas, 2014, 77, 163-167.	1.0	16
65	Microinjection free delivery of miRNA inhibitor into zygotes. Scientific Reports, 2014, 4, 5417.	1.6	19
66	<scp>VEGF</scp>â€<scp>A</scp> regulated by progesterone governs uterine angiogenesis and vascular remodelling during pregnancy. EMBO Molecular Medicine, 2013, 5, 1415-1430.	3.3	141
67	Decreased expression of sirtuin 6 is associated with release of high mobility group box-1 after cerebral ischemia. Biochemical and Biophysical Research Communications, 2013, 438, 388-394.	1.0	50
68	Regulatory Mechanism for Expression of IL1B Receptors in the Uterine Endometrium and Effects of IL1B on Prostaglandin Synthetic Enzymes During the Implantation Period in Pigs1. Biology of Reproduction, 2012, 87, 31.	1.2	48
69	Solute Carrier Family 19, Member 1 (SLC19A1) Polymorphisms (â^'43T>C, 80G>A, and 696C>T), and Haplotypes in Idiopathic Recurrent Spontaneous Abortion in a Korean Population. Reproductive Sciences, 2012, 19, 513-519.	1.1	12
70	Association between kinase insert domain-containing receptor polymorphisms (â^'604T>C, 1192G>A,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	8
71	Association of methylenetetrahydrofolate reductase (MTHFR 677C>T) and thymidylate synthase (TSER and TS 1494del6) polymorphisms with premature ovarian failure in Korean women. Menopause, 2012, 19, 1260-1266.	0.8	14
72	Transcription factors in the maintenance and survival of primordial follicles. Clinical and Experimental Reproductive Medicine, 2012, 39, 127.	0.5	26

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73	Identification and Characterization of LHX8 DNA Binding Elements. Development & Reproduction, 2012, 16, 379-384.	0.5	8
74	Haplotype-based association of ACE I/D, AT1R 1166A>C, and AGT M235T polymorphisms in reninâ€“angiotensinâ€“aldosterone system genes in Korean women with idiopathic recurrent spontaneous abortions. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2011, 158, 225-228.	0.5	23
75	Vascular endothelial growth factor gene polymorphisms in Korean patients with premature ovarian failure. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2011, 159, 138-142.	0.5	10
76	Functions of PIWI proteins in spermatogenesis. Clinical and Experimental Reproductive Medicine, 2011, 38, 61.	0.5	46
77	Neural Stem Cells Achieve and Maintain Pluripotency without Feeder Cells. PLoS ONE, 2011, 6, e21367.	1.1	6
78	Premature ovarian failure in nobox-deficient mice is caused by defects in somatic cell invasion and germ cell cyst breakdown. Journal of Assisted Reproduction and Genetics, 2011, 28, 583-589.	1.2	68
79	The reduced folate carrier-1 (RFC1 696T>C) polymorphism is associated with spontaneously aborted embryos in Koreans. Genes and Genomics, 2011, 33, 223-228.	0.5	10
80	Pluripotent Hybrid Cells Contribute to Extraembryonic as well as Embryonic Tissues. Stem Cells and Development, 2011, 20, 1063-1069.	1.1	12
81	Novel single-nucleotide polymorphisms of LHX8 gene in Korean women with premature ovarian insufficiency. Genes and Genomics, 2010, 32, 397-400.	0.5	3
82	The oocyteâ€specific transcription factor, Nobox, regulates the expression of Pad6, a peptidylarginine deiminase in the oocyte. FEBS Letters, 2010, 584, 3629-3634.	1.3	19
83	Corrigendum to â€œThe oocyte-specific transcription factor, Nobox, regulates the expression ofPad6, a peptidylarginine deiminase in the oocyteâ€•[FEBS Lett. 584 (2010) 3629-3634]. FEBS Letters, 2010, 584, 4490-4490.	1.3	0
84	Mutations in SOHLH1 gene associate with nonobstructive Azoospermia. Human Mutation, 2010, 31, 788-793.	1.1	81
85	Hormad1 Mutation Disrupts Synaptonemal Complex Formation, Recombination, and Chromosome Segregation in Mammalian Meiosis. PLoS Genetics, 2010, 6, e1001190.	1.5	179
86	Expression and localization of the novel and highly conserved gametocyte-specific factor 1 during oogenesis and spermatogenesis. Fertility and Sterility, 2009, 91, 2020-2024.	0.5	12
87	Interferon regulatory factor 6 (IRF6) is expressed in the ovine uterus and functions as a transcriptional activator. Molecular and Cellular Endocrinology, 2009, 299, 252-260.	1.6	17
88	The histone methyltransferase, NSD2, enhances androgen receptorâ€mediated transcription. FEBS Letters, 2009, 583, 1880-1886.	1.3	58
89	Transcription Factor FIGLA is Mutated in Patients with Premature Ovarian Failure. American Journal of Human Genetics, 2008, 82, 1342-1348.	2.6	177
90	Germ Cell-Specific Transcriptional Regulator Sohlh2 Is Essential for Early Mouse Folliculogenesis and Oocyte-Specific Gene Expression1. Biology of Reproduction, 2008, 79, 1176-1182.	1.2	126

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91	Lim Homeobox Gene, Lhx8, Is Essential for Mouse Oocyte Differentiation and Survival1. Biology of Reproduction, 2008, 79, 442-449.	1.2	130
92	Accelerated Loss of Germ Cells in LIM-homeobox Gene, Lhx8, Likely Occurs Due to Misexpression of Kit, Kitl, and a Multitude of Germ Cell-Specific Genes.. Biology of Reproduction, 2008, 78, 203-204.	1.2	0
93	Microarray Analyses of Newborn Mouse Ovaries Lacking Nobox1. Biology of Reproduction, 2007, 77, 312-319.	1.2	113
94	NOBOX Homeobox Mutation Causes Premature Ovarian Failure. American Journal of Human Genetics, 2007, 81, 576-581.	2.6	219
95	LHX8 DEFICIENCY DISRUPTS EARLY FOLLICULOGENESIS AND OOCYTE-SPECIFIC GENE EXPRESSION IN THE MOUSE OVARY. Biology of Reproduction, 2007, 77, 91-91.	1.2	1
96	Genetics of early mammalian folliculogenesis. Cellular and Molecular Life Sciences, 2006, 63, 579-590.	2.4	89
97	Sohlh2 is a germ cell-specific bHLH transcription factor. Gene Expression Patterns, 2006, 6, 1014-1018.	0.3	107
98	Identification of Endometrial Genes Regulated by Early Pregnancy, Progesterone, and Interferon Tau in the Ovine Uterus1. Biology of Reproduction, 2006, 74, 383-394.	1.2	162
99	Oogenesis requires germ cell-specific transcriptional regulators Sohlh1 and Lhx8. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8090-8095.	3.3	248
100	Characterization of NOBOX DNA Binding Specificity and Its Regulation of Gdf9 and Pou5f1 Promoters. Journal of Biological Chemistry, 2006, 281, 35747-35756.	1.6	80
101	Reading and Function of a Histone Code Involved in Targeting Corepressor Complexes for Repression. Molecular and Cellular Biology, 2005, 25, 324-335.	1.1	98
102	Effects of the estrous cycle, pregnancy and interferon tau on expression of cyclooxygenase two (COX-2) in ovine endometrium. Reproductive Biology and Endocrinology, 2003, 1, 58.	1.4	53
103	Pregnancy and Interferon Tau Regulate Major Histocompatibility Complex Class I and Î²2-Microglobulin Expression in the Ovine Uterus1. Biology of Reproduction, 2003, 68, 1703-1710.	1.2	81
104	Identification of Genes in the Ovine Endometrium Regulated by Interferon Ï„ Independent of Signal Transducer and Activator of Transcription 1. Endocrinology, 2003, 144, 5203-5214.	1.4	83
105	Roles of Stat1, Stat2, and Interferon Regulatory Factor-9 (IRF-9) in Interferon Tau Regulation of IRF-11. Biology of Reproduction, 2002, 66, 393-400.	1.2	43
106	Effects of the Estrous Cycle, Pregnancy, and Interferon Tau on 2â€²,5â€²-Oligoadenylate Synthetase Expression in the Ovine Uterus1. Biology of Reproduction, 2001, 64, 1392-1399.	1.2	87
107	Interferon Regulatory Factor-Two Restricts Expression of Interferon-Stimulated Genes to the Endometrial Stroma and Glandular Epithelium of the Ovine Uterus1. Biology of Reproduction, 2001, 65, 1038-1049.	1.2	139
108	Cloning of the Ovine Estrogen Receptor-Î± Promoter and Functional Regulation by Ovine Interferon-Ï„*. Endocrinology, 2001, 142, 2879-2887.	1.4	53

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109	Cloning of the Ovine Estrogen Receptor-Â Promoter and Functional Regulation by Ovine Interferon-Â. Endocrinology, 2001, 142, 2879-2887.	1.4	15