Jae Yong Han

List of Publications by Year in descending order

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172	4,029	117625	175258
papers	citations	34 h-index	52 g-index

172	172	172	2524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chicken blastoderms and primordial germ cells possess a higher expression of DNA repair genes and lower expression of apoptosis genes to preserve their genome stability. Scientific Reports, 2022, 12, 49.	3.3	3
2	Amplification of immunity by engineering chicken MDA5 combined with the C terminal domain (CTD) of RIG-I. Applied Microbiology and Biotechnology, 2022, 106, 1599-1613.	3.6	2
3	Dissecting chicken germ cell dynamics by combining a germ cell tracing transgenic chicken model with single-cell RNA sequencing. Computational and Structural Biotechnology Journal, 2022, 20, 1654-1669.	4.1	13
4	Single-cell RNA sequencing of mitotic-arrested prospermatogonia with DAZL::GFP chickens and revealing unique epigenetic reprogramming of chickens. Journal of Animal Science and Biotechnology, 2022, 13, .	5.3	5
5	Generation and characterization of genome-modified chondrocyte-like cells from the zebra finch cell line immortalized by c-MYC expression. Frontiers in Zoology, 2022, 19, .	2.0	1
6	Differential transcriptional regulation of the NANOG gene in chicken primordial germ cells and embryonic stem cells. Journal of Animal Science and Biotechnology, 2021, 12, 40.	5.3	6
7	In vivo enrichment of busulfan-resistant germ cells for efficient production of transgenic avian models. Scientific Reports, 2021, 11, 9127.	3.3	6
8	Asp149 and Asp152 in chicken and human ANP32A play an essential role in the interaction with influenza viral polymerase. FASEB Journal, 2021, 35, e21630.	0.5	7
9	Chicken FMRP Translational Regulator 1 (FMR1) Promotes Early Avian Influenza Virus Transcription without Affecting Viral Progeny Production in DF1 Cells. Korean Journal of Poultry Science, 2021, 48, 81-90.	0.3	0
10	Efficient gene transfer into zebra finch germline-competent stem cells using an adenoviral vector system. Scientific Reports, 2021, 11, 14746.	3.3	7
11	DMRT1 gene disruption alone induces incomplete gonad feminization in chicken. FASEB Journal, 2021, 35, e21876.	0.5	16
12	Establishment of a genetically engineered chicken DF-1 cell line for efficient amplification of influenza viruses in the absence of trypsin. BMC Biotechnology, 2021, 21, 2.	3.3	5
13	Single-Cell RNA Sequencing Revealed the Heterogeneity of Gonadal Primordial Germ Cells in Zebra Finch (Taeniopygia guttata). Frontiers in Cell and Developmental Biology, 2021, 9, 791335.	3.7	6
14	Host-Specific Restriction of Avian Influenza Virus Caused by Differential Dynamics of ANP32 Family Members. Journal of Infectious Diseases, 2020, 221, 71-80.	4.0	25
15	Zygotic genome activation in the chicken: a comparative review. Cellular and Molecular Life Sciences, 2020, 77, 1879-1891.	5.4	11
16	A novel Fâ€box domain containing cyclin F like gene is required for maintaining the genome stability and survival of chicken primordial germ cells. FASEB Journal, 2020, 34, 1001-1017.	0.5	6
17	Precise Genome Editing in Poultry and Its Application to Industries. Genes, 2020, 11, 1182.	2.4	17
18	Highly elevated base excision repair pathway in primordial germ cells causes low base editing activity in chickens. FASEB Journal, 2020, 34, 15907-15921.	0.5	11

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19	Production of germline chimeric quails by transplantation of cryopreserved testicular cells into developing embryos. Theriogenology, 2020, 156, 189-195.	2.1	2
20	Whole-Transcriptome Sequencing-Based Analysis of DAZL and Its Interacting Genes during Germ Cells Specification and Zygotic Genome Activation in Chickens. International Journal of Molecular Sciences, 2020, 21, 8170.	4.1	6
21	Production of quail (Coturnix japonica) germline chimeras by transfer of Ficoll-enriched spermatogonial stem cells. Theriogenology, 2020, 154, 223-231.	2.1	5
22	Targeted Knockout of MDA5 and TLR3 in the DF-1 Chicken Fibroblast Cell Line Impairs Innate Immune Response Against RNA Ligands. Frontiers in Immunology, 2020, 11, 678.	4.8	30
23	Identification and characterization of primordial germ cells in a vocal learning Neoaves species, the zebra finch. FASEB Journal, 2019, 33, 13825-13836.	0.5	26
24	In vitro estimation of metal-induced disturbance in chicken gut-oviduct chemokine circuit. Molecular and Cellular Toxicology, 2019, 15, 443-452.	1.7	3
25	Sequential disruption of ALV host receptor genes reveals no sharing of receptors between ALV subgroups A, B, and J. Journal of Animal Science and Biotechnology, 2019, 10, 23.	5.3	9
26	Targeted gene insertion into Z chromosome of chicken primordial germ cells for avian sexing model development. FASEB Journal, 2019, 33, 8519-8529.	0.5	33
27	Germ Cell Transplantation in Avian Species. Methods in Molecular Biology, 2019, 1920, 317-326.	0.9	0
28	Identification and expression analysis of alpha tocopherol transfer protein in chickens fed diets containing different concentrations of alpha-tocopherol. Research in Veterinary Science, 2019, 123, 99-110.	1.9	2
29	The transcriptome of early chicken embryo reveal signaling pathways governing rapid asymmetric cellularization and lineage segregation. Development (Cambridge), 2018, 145, .	2.5	19
30	The dynamic development of germ cells during chicken embryogenesis. Poultry Science, 2018, 97, 650-657.	3.4	15
31	Chicken NANOG selfâ€associates via a novel foldingâ€uponâ€binding mechanism. FASEB Journal, 2018, 32, 2563-2573.	0.5	5
32	Primordial germ cell-mediated transgenesis and genome editing in birds. Journal of Animal Science and Biotechnology, 2018, 9, 19.	5.3	27
33	The first whole transcriptomic exploration of pre-oviposited early chicken embryos using single and bulked embryonic RNA-sequencing. GigaScience, 2018, 7, 1-9.	6.4	17
34	The transgenic chicken derived anti-CD20 monoclonal antibodies exhibits greater anti-cancer therapeutic potential with enhanced Fc effector functions. Biomaterials, 2018, 167, 58-68.	11.4	18
35	Transcriptional and translational dynamics during maternalâ€toâ€zygotic transition in early chicken development. FASEB Journal, 2018, 32, 2004-2011.	0.5	10
36	Epigenetic Programming of Germline, Nonmammalian Vertebrates. , 2018, , 152-158.		0

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37	Zygotic gene activation in the chicken occurs in two waves, the first involving only maternally derived genes. ELife, 2018, 7, .	6.0	20
38	Transgenesis and Genome Editing in Poultry. , 2018, , .		2
39	The early development of germ cells in chicken. International Journal of Developmental Biology, 2018, 62, 145-152.	0.6	40
40	Expression of transcription factors during area pellucida formation in intrauterine chicken embryos. International Journal of Developmental Biology, 2018, 62, 341-345.	0.6	3
41	Role of Epigenetic Regulation by the REST/CoREST/HDAC Corepressor Complex of ModerateNANOGExpression in Chicken Primordial Germ Cells. Stem Cells and Development, 2018, 27, 1215-1225.	2.1	14
42	Acquisition of pluripotency in the chick embryo occurs during intrauterine embryonic development via a unique transcriptional network. Journal of Animal Science and Biotechnology, 2018, 9, 31.	5.3	9
43	Production of germline chimeric quails following spermatogonial cell transplantation in busulfan-treated testis. Asian Journal of Andrology, 2018, 20, 414.	1.6	7
44	Expression and regulation of avian beta-defensin 8 protein in immune tissues and cell lines of chickens. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1516-1524.	2.4	11
45	Avian blastoderm dormancy arrests cells in G 2 and suppresses apoptosis. FASEB Journal, 2017, 31, 3240-3250.	0.5	8
46	Regulatory elements and transcriptional control of chicken vasa homologue (CVH) promoter in chicken primordial germ cells. Journal of Animal Science and Biotechnology, 2017, 8, 6.	5.3	4
47	Isolation and Characterization of Chicken Primordial Germ Cells and Their Application in Transgenesis. Methods in Molecular Biology, 2017, 1650, 229-242.	0.9	8
48	Precise gene editing of chicken Na+/H+ exchange type 1 (chNHE1) confers resistance to avian leukosis virus subgroup J (ALV-J). Developmental and Comparative Immunology, 2017, 77, 340-349.	2.3	32
49	Comprehensive analysis on the homology, interaction, and miRNA regulators of human deleted in azoospermia proteins: updated evolutionary relationships with primates. Genes and Genomics, 2017, 39, 1335-1351.	1.4	2
50	Isolation, Characterization, and In Vitro Culturing of Spermatogonial Stem Cells in Japanese Quail (Coturnix japonica). Stem Cells and Development, 2017, 26, 60-70.	2.1	11
51	Genome Modification Technologies and Their Applications in Avian Species. International Journal of Molecular Sciences, 2017, 18, 2245.	4.1	10
52	Acquisition of resistance to avian leukosis virus subgroup B through mutations on tvb cysteine-rich domains in DF-1 chicken fibroblasts. Veterinary Research, 2017, 48, 48.	3.0	16
53	Genome Editing Mediated by Primordial Germ Cell in Chicken. Methods in Molecular Biology, 2017, 1630, 153-163.	0.9	5
54	Overexpression of G0/G1 Switch Gene 2 in Adipose Tissue of Transgenic Quail Inhibits Lipolysis Associated with Egg Laying. International Journal of Molecular Sciences, 2016, 17, 384.	4.1	11

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55	Fertilisation of cryopreserved sperm and unfertilised quail ovum by intracytoplasmic sperm injection. Reproduction, Fertility and Development, 2016, 28, 1974.	0.4	5
56	Wnt/Î²-catenin signaling pathway activation is required for proliferation of chicken primordial germ cells in vitro. Scientific Reports, 2016, 6, 34510.	3.3	36
57	The avian-specific small heat shock protein HSP25 is a constitutive protector against environmental stresses during blastoderm dormancy. Scientific Reports, 2016, 6, 36704.	3.3	13
58	Tissue expression and antibacterial activity of host defense peptides in chicken. BMC Veterinary Research, 2016, 12, 231.	1.9	45
59	Strategies to enable the adoption of animal biotechnology to sustainably improve global food safety and security. Transgenic Research, 2016, 25, 575-595.	2.4	20
60	DAZLExpression Explains Origin and Central Formation of Primordial Germ Cells in Chickens. Stem Cells and Development, 2016, 25, 68-79.	2.1	57
61	Siteâ€specific recombination in the chicken genome using Flipase recombinaseâ€mediated cassette exchange. FASEB Journal, 2016, 30, 555-563.	0.5	24
62	Spatial and temporal action of chicken primordial germ cells during initial migration. Reproduction, 2015, 149, 179-187.	2.6	36
63	Deposition of bioactive human epidermal growth factor in the egg white of transgenic hens using an oviductâ€specific minisynthetic promoter. FASEB Journal, 2015, 29, 2386-2396.	0.5	47
64	Cellular analysis of cleavage-stage chick embryos reveals hidden conservation in vertebrate early development. Development (Cambridge), 2015, 142, 1279-86.	2.5	22
65	Production of Interspecific Germline Chimeras via Embryo Replacement1. Biology of Reproduction, 2015, 93, 36.	2.7	3
66	Germline Modification and Engineering in Avian Species. Molecules and Cells, 2015, 38, 743-749.	2.6	17
67	Germline-competent stem cell in avian species and its application. Asian Journal of Andrology, 2015, 17, 421.	1.6	17
68	Non-Viral Transgenesis via Direct In Ovo Lipofection in Quail. Korean Journal of Poultry Science, 2015, 42, 239-245.	0.3	1
69	Inhibition of Lipolysis in the Novel Transgenic Quail Model Overexpressing G0/G1 Switch Gene 2 in the Adipose Tissue during Feed Restriction. PLoS ONE, 2014, 9, e100905.	2.5	19
70	Small non-coding RNA profiling and the role of piRNA pathway genes in the protection of chicken primordial germ cells. BMC Genomics, 2014, 15, 757.	2.8	29
71	Chicken NK-lysin is an alpha-helical cationic peptide that exerts its antibacterial activity through damage of bacterial cell membranes. Poultry Science, 2014, 93, 864-870.	3.4	21
72	Targeted gene knockout in chickens mediated by TALENs. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12716-12721.	7.1	135

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73	The CCAAT element in the CIWI promoter regulates transcriptional initiation in chicken primordial germ cells. Molecular Reproduction and Development, 2014, 81, 871-882.	2.0	4
74	Hormonal regulation of beta-catenin during development of the avian oviduct and its expression in epithelial cell-derived ovarian carcinogenesis. Molecular and Cellular Endocrinology, 2014, 382, 46-54.	3.2	17
75	Cellular Dynamics after Injection of Mesoderm-Derived Human Embryonic Kidney 293 Cells and Fibroblasts into Developing Chick Embryos. Journal of Cancer Prevention, 2014, 19, 68-73.	2.0	0
76	The Effect of Simple Freezing Method on Viability of Frozen-thawed Primordial Germ Cells on the Chicken. Korean Journal of Poultry Science, 2014, 41, 261-270.	0.3	0
77	The Evaluation of Various Conditions in the Cryopreservation of Primordial Germ Cells on Korean Native Chicken (Ogye). Korean Journal of Poultry Science, 2014, 41, 249-259.	0.3	0
78	Gene Expression and DNA Methylation Status of Chicken Primordial Germ Cells. Molecular Biotechnology, 2013, 54, 177-186.	2.4	16
79	Comparative metabolic pathway analysis with special reference to nucleotide metabolism-related genes in chicken primordial germ cells. Theriogenology, 2013, 79, 28-39.	2.1	14
80	Expression and regulation of beta-defensin 11 in the oviduct in response to estrogen and in ovarian tumors of chickens. Molecular and Cellular Endocrinology, 2013, 366, 1-8.	3.2	32
81	Comparative expression and regulation of TMSB4X in male reproductive tissues of rats and chickens. Journal of Experimental Zoology, 2013, 319, 584-595.	1.2	9
82	Loss of Fat with Increased Adipose Triglyceride Lipaseâ€Mediated Lipolysis in Adipose Tissue During Laying Stages in Quail. Lipids, 2013, 48, 13-21.	1.7	30
83	Current genomic editing approaches in avian transgenesis. General and Comparative Endocrinology, 2013, 190, 144-148.	1.8	11
84	Regulation of Glucose Phosphate Isomerase by the 3â€²UTR-Specific miRNAs miR-302b and miR-17-5p in Chicken Primordial Germ Cells1. Biology of Reproduction, 2013, 89, 33.	2.7	26
85	Transformation of somatic cells into stem cellâ€like cells under a stromal niche. FASEB Journal, 2013, 27, 2644-2656.	0.5	9
86	Conservation of Migration and Differentiation Circuits in Primordial Germ Cells Between Avian Species. Journal of Reproduction and Development, 2013, 59, 252-257.	1.4	9
87	The mTORC2 Component Rictor Contributes to Cisplatin Resistance in Human Ovarian Cancer Cells. PLoS ONE, 2013, 8, e75455.	2.5	29
88	Avian WNT4 in the Female Reproductive Tracts: Potential Role of Oviduct Development and Ovarian Carcinogenesis. PLoS ONE, 2013, 8, e65935.	2.5	14
89	Cleavage Events and Sperm Dynamics in Chick Intrauterine Embryos. PLoS ONE, 2013, 8, e80631.	2.5	28
90	Comparison of Vitrification and Slow Freezing for the Cryopreservation of Chicken Primordial Germ Cell (Ogye). Journal of Animal Science and Technology, 2013, 55, 417-425.	2.5	2

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91	The Effect of Modified Cryopreservation Method on Viability of Frozen-thawed Primordial Germ Cell on the Korean Native Chicken (Ogye). Journal of Animal Science and Technology, 2013, 55, 427-434.	2.5	1
92	Cryopreservation of Primordial Germ Cells(PGCs) from Korean Native Chicken(Ogye) Embryos using Commercial Cryoprotectants. Korean Journal of Poultry Science, 2013, 40, 163-169.	0.3	0
93	Comparative Study on the Viability of Frozen-thawed Primordial Germ Cells using Vitrification in Chicken Breed. Korean Journal of Poultry Science, 2013, 40, 207-216.	0.3	1
94	Effect of Ethylene Glycol(EG) and Propylene Glycol(PG) on the Viability of Frozen-thawed Primordial Germ Cells(PGCs) on Korean Native Chicken(Ogye) by Vitrification. Korean Journal of Poultry Science, 2013, 40, 197-205.	0.3	1
95	Avian SERPINB11 gene: a marker for ovarian endometrioid cancer in chickens. Experimental Biology and Medicine, 2012, 237, 150-159.	2.4	30
96	piggyBac transposition into primordial germ cells is an efficient tool for transgenesis in chickens. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9337-9341.	7.1	154
97	Paradoxical expression of AHCYL1 affecting ovarian carcinogenesis between chickens and women. Experimental Biology and Medicine, 2012, 237, 758-767.	2.4	28
98	Differential expression of secreted phosphoprotein 1 in response to estradiol-17Î² and in ovarian tumors in chickens. Biochemical and Biophysical Research Communications, 2012, 422, 494-500.	2.1	35
99	Genetic modification of chicken germ cells. Annals of the New York Academy of Sciences, 2012, 1271, 104-109.	3.8	11
100	Expression and Knockdown Analysis of Glucose Phosphate Isomerase in Chicken Primordial Germ Cells1. Biology of Reproduction, 2012, 87, 57.	2.7	14
101	Cell-Specific and Temporal Aspects of Gene Expression in the Chicken Oviduct at Different Stages of the Laying Cycle1. Biology of Reproduction, 2012, 86, 172.	2.7	28
102	AHCYL1 Is Mediated by Estrogen-Induced ERK1/2 MAPK Cell Signaling and MicroRNA Regulation to Effect Functional Aspects of the Avian Oviduct. PLoS ONE, 2012, 7, e49204.	2.5	36
103	SERPINB3 in the Chicken Model of Ovarian Cancer: A Prognostic Factor for Platinum Resistance and Survival in Patients with Epithelial Ovarian Cancer. PLoS ONE, 2012, 7, e49869.	2.5	36
104	Distinct Expression Pattern and Post-Transcriptional Regulation of Cell Cycle Genes in the Glandular Epithelia of Avian Ovarian Carcinomas. PLoS ONE, 2012, 7, e51592.	2.5	32
105	Effects of a single nucleotide polymorphism in the chicken NK-lysin gene on antimicrobial activity and cytotoxicity of cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12087-12092.	7.1	40
106	Tissue specific expression and estrogen regulation of SERPINB3 in the chicken oviduct. General and Comparative Endocrinology, 2012, 175, 65-73.	1.8	11
107	ERBB receptor feedback inhibitor 1: Identification and regulation by estrogen in chickens. General and Comparative Endocrinology, 2012, 175, 194-205.	1.8	6
108	Chicken Pleiotrophin: Regulation of Tissue Specific Expression by Estrogen in the Oviduct and Distinct Expression Pattern in the Ovarian Carcinomas. PLoS ONE, 2012, 7, e34215.	2.5	31

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109	Possibility to Establish Chicken Stem Cell from Non-germline Tissue; Detection of Colony-forming Cells after Chicken Fibroblast Culture and Subsequent Stem Cell Characterization. Journal of Poultry Science, 2012, 49, 196-204.	1.6	1
110	Cryopreservation of Korean Oge chicken semen using N-methylacetamide. Cryo-Letters, 2012, 33, 427-34.	0.3	4
111	MicroRNA-mediated posttranscriptional regulation is required for maintaining undifferentiated properties of blastoderm and primordial germ cells in chickens. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10426-10431.	7.1	69
112	Molecular and biological aspects of early germ cell development in interspecies hybrids between chickens and pheasants. Theriogenology, 2011, 75, 696-706.	2.1	6
113	Expression Patterns and miRNA Regulation of DNA Methyltransferases in Chicken Primordial Germ Cells. PLoS ONE, 2011, 6, e19524.	2.5	42
114	Matrix metalloproteinase 3 is a stromal marker for chicken ovarian cancer. Oncology Letters, 2011, 2, 1047-1051.	1.8	27
115	Avian biomodels for use as pharmaceutical bioreactors and for studying human diseases. Annals of the New York Academy of Sciences, 2011, 1229, 69-75.	3.8	17
116	Activation of mTOR signaling pathway associated with adverse prognostic factors of epithelial ovarian cancer. Gynecologic Oncology, 2011, 121, 8-12.	1.4	48
117	Reactivation of Transgene Expression by Alleviating CpG Methylation of the Rous sarcoma virus Promoter in Transgenic Quail Cells. Molecular Biotechnology, 2011, 49, 222-228.	2.4	6
118	Modulation of inflammatory signaling pathways by phytochemicals in ovarian cancer. Genes and Nutrition, 2011, 6, 109-115.	2.5	50
119	Differential expression of alpha 2 macroglobulin in response to dietylstilbestrol and in ovarian carcinomas in chickens. Reproductive Biology and Endocrinology, 2011, 9, 137.	3.3	46
120	Structural and histological characterization of oviductal magnum and lectin-binding patterns in Gallus domesticus. Reproductive Biology and Endocrinology, 2011, 9, 62.	3.3	24
121	The distribution of neuron-specific gene family member 1 in brain and germ cells: Implications for the regulation of germ-line development by brain. Developmental Dynamics, 2011, 240, 850-861.	1.8	9
122	Discovery of Candidate Genes and Pathways Regulating Oviduct Development in Chickens1. Biology of Reproduction, 2011, 85, 306-314.	2.7	48
123	Avian SERPINB11 Gene: Characteristics, Tissue-Specific Expression, and Regulation of Expression by Estrogen1. Biology of Reproduction, 2011, 85, 1260-1268.	2.7	23
124	Characterization and Application of Oviductal Epithelial Cells In Vitro in Gallus domesticus1. Biology of Reproduction, 2011, 85, 798-807.	2.7	27
125	The expression profile of apoptosis-related genes in the chicken as a human epithelial ovarian cancer model. Oncology Reports, 2011, 25, 49-56.	2.6	10
126	Molecular cloning and characterization of the germ cellâ€related nuclear orphan receptor in chickens. Molecular Reproduction and Development, 2010, 77, 273-284.	2.0	6

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127	Gamma-irradiation depletes endogenous germ cells and increases donor cell distribution in chimeric chickens. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 828-833.	1.5	10
128	Increased expression of cysteine cathepsins in ovarian tissue from chickens with ovarian cancer. Reproductive Biology and Endocrinology, 2010, 8, 100.	3.3	20
129	Avian Biotechnology: Insights from Germ Cell-mediated Transgenic Systems. Journal of Poultry Science, 2010, 47, 197-207.	1.6	7
130	Basic Fibroblast Growth Factor Activates MEK/ERK Cell Signaling Pathway and Stimulates the Proliferation of Chicken Primordial Germ Cells. PLoS ONE, 2010, 5, e12968.	2.5	102
131	Migration and Proliferation of Intact and Genetically Modified Primordial Germ Cells and the Generation of a Transgenic Chicken1. Biology of Reproduction, 2010, 82, 257-262.	2.7	33
132	The reversible developmental unipotency of germ cells in chicken. Reproduction, 2010, 139, 113-119.	2.6	21
133	Production of Biofunctional Recombinant Human Interleukin 1 Receptor Antagonist (rhIL1RN) from Transgenic Quail Egg White1. Biology of Reproduction, 2010, 82, 1057-1064.	2.7	43
134	Embryonic stem cell-like cells established by culture of adult ovarian cells in mice. Fertility and Sterility, 2010, 93, 2594-2601.e9.	1.0	55
135	CpG methylation modulates tissue-specific expression of a transgene in chickens. Theriogenology, 2010, 74, 805-816.e1.	2.1	26
136	Molecular cloning and comparative analysis of immunoglobulin heavy chain genes from Phasianus colchicus, Meleagris gallopavo, and Coturnix japonica. Veterinary Immunology and Immunopathology, 2010, 136, 248-256.	1.2	15
137	Expression Patterns of Germ Cell-specific Phosducin-like 2 during Testicular and Ovarian Development in Chickens. Asian-Australasian Journal of Animal Sciences, 2010, 23, 1000-1006.	2.4	3
138	Claudin 10 is a glandular epithelial marker in the chicken model as human epithelial ovarian cancer. International Journal of Gynecological Cancer, 2010, 20, 1465-73.	2.5	10
139	Expression pattern of meiosis associated SYCP family members during germline development in chickens. Reproduction, 2009, 138, 483-492.	2.6	29
140	Germ cells and transgenesis in chickens. Comparative Immunology, Microbiology and Infectious Diseases, 2009, 32, 61-80.	1.6	99
141	Requirement of leukemia inhibitory factor for establishing and maintaining embryonic stem cells in mice. Fertility and Sterility, 2009, 92, 1133-1140.	1.0	15
142	Identification of the Major Proteins Produced by Cultured Germline Stem Cells in Chicken. Journal of Andrology, 2009, 30, 690-702.	2.0	0
143	Production of quail (Coturnix japonica) germline chimeras derived from in vitroâ€cultured gonadal primordial germ cells. Molecular Reproduction and Development, 2008, 75, 274-281.	2.0	28
144	Generation of transgenic quail through germ cellâ€mediated germline transmission. FASEB Journal, 2008, 22, 2435-2444.	0.5	69

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145	Cloning and functional characterization of chicken interleukin-17D. Veterinary Immunology and Immunopathology, 2008, 126, 1-8.	1.2	31
146	Establishment of autologous embryonic stem cells derived from preantral follicle culture and oocyte parthenogenesis. Fertility and Sterility, 2008, 90, 1910-1920.	1.0	32
147	Testis-Specific Novel Transcripts in Chicken: In Situ Localization and Expression Pattern Profiling During Sexual Development1. Biology of Reproduction, 2008, 79, 413-420.	2.7	18
148	Reproduction of Wild Birds via Interspecies Germ Cell Transplantation1. Biology of Reproduction, 2008, 79, 931-937.	2.7	73
149	MPSS profiling of embryonic gonad and primordial germ cells in chicken. Physiological Genomics, 2007, 29, 253-259.	2.3	8
150	Identification, Culture, and Characterization of Germline Stem Cell-Like Cells in Chicken Testes1. Biology of Reproduction, 2007, 76, 173-182.	2.7	38
151	Identification of breed-specific DNA polymorphisms for a simple and unambiguous screening system in germline chimeric chickens. Journal of Experimental Zoology, 2007, 307A, 241-248.	1.2	12
152	A set of stage-specific gene transcripts identified in EK stage X and HH stage 3 chick embryos. BMC Developmental Biology, 2007, 7, 60.	2.1	20
153	A Testis-Mediated Germline Chimera Production Based on Transfer of Chicken Testicular Cells Directly into Heterologous Testes1. Biology of Reproduction, 2006, 75, 380-386.	2.7	54
154	An alternative method of deriving embryonic stem cell-like clones by aggregation of diploid cells with tetraploid embryos. Fertility and Sterility, 2006, 85, 1103-1110.	1.0	6
155	Serum replacement with a growth factorâ€“free synthetic substance in culture medium contributes to effective establishment of mouse embryonic stem cells of various origins. Fertility and Sterility, 2006, 86, 1137-1145.	1.0	13
156	Molecular cloning and characterization of chicken NK-lysin. Veterinary Immunology and Immunopathology, 2006, 110, 339-347.	1.2	67
157	ChickGCE: A novel germ cell EST database for studying the early developmental stage in chickens. Genomics, 2006, 88, 252-257.	2.9	10
158	Increased reactivity of cultured chicken blastodermal cells to anti-stage-specific embryonic antigen-1 antibody after exposure to bone morphogenetic proteins. Theriogenology, 2006, 65, 658-668.	2.1	1
159	Establishment of an in vitro culture system for chicken preblastodermal cells. Molecular Reproduction and Development, 2006, 73, 452-461.	2.0	16
160	Gene expression profiling of chicken primordial germ cell ESTs. BMC Genomics, 2006, 7, 220.	2.8	26
161	Proteome analysis of chicken embryonic gonads: Identification of major proteins from cultured gonadal primordial germ cells. Molecular Reproduction and Development, 2005, 72, 521-529.	2.0	13
162	Development of Novel Markers for the Characterization of Chicken Primordial Germ Cells. Stem Cells, 2005, 23, 689-698.	3.2	63

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163	Development and characterization of a recombinant chicken single-chain Fv antibody detecting Eimeria acervulina sporozoite antigen. Biotechnology Letters, 2005, 27, 289-295.	2.2	22
164	Production of quail (Coturnix japonica) germline chimeras by transfer of gonadal primordial germ cells into recipient embryos. Theriogenology, 2005, 63, 774-782.	2.1	39
165	Detection and characterization of primordial germ cells in pheasant (Phasianus colchicus) embryos. Theriogenology, 2005, 63, 1038-1049.	2.1	14
166	Enriched gonadal migration of donor-derived gonadal primordial germ cells by immunomagnetic cell sorting in birds. Molecular Reproduction and Development, 2004, 68, 81-87.	2.0	45
167	Birth of germline chimeras by transfer of chicken embryonic germ (EG) cells into recipient embryos. Molecular Reproduction and Development, 2003, 65, 389-395.	2.0	66
168	Improved Germline Transmission in Chicken Chimeras Produced by Transplantation of Gonadal Primordial Germ Cells into Recipient Embryos1. Biology of Reproduction, 2003, 68, 1657-1662.	2.7	90
169	Production of germline chimeras by transfer of chicken gonadal primordial germ cells maintained in vitro for an extended period. Theriogenology, 2002, 58, 1531-1539.	2.1	72
170	Derivation and characterization of pluripotent embryonic germ cells in chicken. Molecular Reproduction and Development, 2000, 56, 475-482.	2.0	126
171	Improved transfection efficiency of chicken gonadal primordial germ cells for the production of transgenic poultry. Transgenic Research, 1998, 7, 247-252.	2.4	36
172	PRODUCTION OF GERMLINE CHIMERIC CHICKENS BY TRANSFER OF CULTURED PRIMORDIAL GERM CELLS. Cell Biology International, 1997, 21, 495-499.	3.0	91