Bichun Li

List of Publications by Year
in descending order

50	495	759055 12	752573 20
papers	citations	h-index	g-index

52	52	52	367
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Retinoic acid promotes formation of chicken (Gallus gallus) spermatogonial stem cells by regulating the ECM-receptor interaction signaling pathway. Gene, 2022, 820, 146227.	1.0	7
2	Characteristics of the TDRD1 gene promoter in chickens. Molecular Genetics and Genomics, 2022, , 1.	1.0	2
3	Tle4z1 Facilitate the Male Sexual Differentiation of Chicken Embryos. Frontiers in Physiology, 2022, 13, 856980.	1.3	2
4	DHCR24 (24-Dehydrocholesterol Reductase) Associated in Modulating Steroid Biosynthesis Pathway Regulates the Differentiation of Chicken Embryonic Stem Cells into Male Germ Cells. Journal of Biomaterials and Tissue Engineering, 2022, 12, 1550-1557.	0.0	1
5	Narrow H3K4me2 is required for chicken PGC formation. Journal of Cellular Physiology, 2021, 236, 1391-1400.	2.0	14
6	HMGCS1 Promotes male differentiation of chicken embryos by regulating the generate of cholesterol. International Journal of Transgender Health, 2021, 14, 577-587.	1.1	3
7	Long Noncoding RNA LncPGCR Mediated by TCF7L2 Regulates Primordial Germ Cell Formation in Chickens. Animals, 2021, 11, 292.	1.0	4
8	Characterization of Alternative Splicing (AS) Events during Chicken (Gallus gallus) Male Germ-Line Stem Cell Differentiation with Single-Cell RNA-seq. Animals, 2021, 11, 1469.	1.0	4
9	H3K4me2 Promotes the Activation of lncCPSET1 by Jun in the Chicken PGC Formation. Animals, 2021, 11, 1572.	1.0	3
10	Spin1z induces the male pathway in the chicken by down-regulating Tcf4. Gene, 2021, 780, 145521.	1.0	7
11	Role and function of the Hintw in early sex differentiation in chicken (Gallus gallus) embryo. Animal Biotechnology, 2021, , 1-11.	0.7	6
12	miR-302d Competitively Binding with the lncRNA-341 Targets TLE4 in the Process of SSC Generation. Stem Cells International, 2021, 2021, 1-14.	1.2	2
13	Epigenetic modification cooperates with Zeb1 transcription factor to regulate Bmp4 to promote chicken PGCs formation. Gene, 2021, 794, 145760.	1.0	6
14	UBE2I stimulates female gonadal differentiation in chicken (Gallus gallus) embryos. Journal of Integrative Agriculture, 2021, 20, 2986-2994.	1.7	3
15	Identification and Generation of Transgenic Mice and Goats with Capra hircus SCD1 Gene. Pakistan Journal of Zoology, 2021, 53, .	0.1	0
16	Study on the Function and Mechanism of Lin28B in the Formation of Chicken Primordial Germ Cells. Animals, 2021, 11, 43.	1.0	3
17	BMP4 activates the Wnt-Lin28A-Blimp1-Wnt pathway to promote primordial germ cells formation via altering H3K4me2. Journal of Cell Science, 2021, 134, .	1.2	7
18	Analysis of lncRNA Expression Profile during the Formation of Male Germ Cells in Chickens. Animals, 2020, 10, 1850.	1.0	9

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19	Transcriptome Sequencing and Comparative Analysis of Amphoteric ESCs and PGCs in Chicken (Gallus) Tj ETQq1 1 0.784314 rgBT /Over	1.0	2
20	C1EIP Functions as an Activator of ENO1 to Promote Chicken PGCs Formation via Inhibition of the Notch Signaling Pathway. Frontiers in Genetics, 2020, 11, 751.	1.1	1
21	P53 and H3K4me2 activate N6â€methylated LncPGCATâ€1 to regulate primordial germ cell formation via MAPK signaling. Journal of Cellular Physiology, 2020, 235, 9895-9909.	2.0	7
22	CYP19A1 (aromatase) dominates female gonadal differentiation in chicken (Gallus gallus) embryos sexual differentiation. Bioscience Reports, 2020, 40, .	1.1	10
23	Nanos2 promotes differentiation of male germ cells basing on the negative regulation of Foxd3 and the treatment of 5â€Azadc and TSA. Journal of Cellular Physiology, 2019, 234, 3762-3774.	2.0	1
24	Distinct roles of retinoic acid and BMP4 pathways in the formation of chicken primordial germ cells and spermatogonial stem cells. Food and Function, 2019, 10, 7152-7163.	2.1	14
25	Study on immortal conditions of chicken embryonic stem cells. Journal of Cellular Biochemistry, 2019, 120, 1376-1385.	1.2	2
26	Functional characterization of the Sox2 , câ€Myc , and Oct4 promoters. Journal of Cellular Biochemistry, 2019, 120, 332-342.	1.2	9
27	DNA Methylation and Regulatory Elements during Chicken Germline Stem Cell Differentiation. Stem Cell Reports, 2018, 10, 1793-1806.	2.3	19
28	Interaction of the primordial germ cell-specific protein C2EIP with PTCH2 directs differentiation of embryonic stem cells via HH signaling activation. Cell Death and Disease, 2018, 9, 497.	2.7	18
29	CREPT and p15RS regulate cell proliferation and cycling in chicken DFâ€1 cells through the Wnt/Î²â€catenin pathway. Journal of Cellular Biochemistry, 2018, 119, 1083-1092.	1.2	14
30	Hsd3b2 associated in modulating steroid hormone synthesis pathway regulates the differentiation of chicken embryonic stem cells into spermatogonial stem cells. Journal of Cellular Biochemistry, 2018, 119, 1111-1121.	1.2	3
31	Cloning, expression pattern analysis, and subcellular localization of Capra hircus SCD1 gene with production of transgenic mice. Journal of Cellular Biochemistry, 2018, 119, 2240-2247.	1.2	0
32	Regulation of fibroblast growth factor 8 (FGF8) in chicken embryonic stem cells differentiation into spermatogonial stem cells. Journal of Cellular Biochemistry, 2018, 119, 2396-2407.	1.2	7
33	Nanos2 promotes differentiation of chicken (Gallus gallus) embryonic stem cells to male germ cells. Journal of Cellular Biochemistry, 2018, 119, 4435-4446.	1.2	2
34	MAPK8 regulates chicken male germ cell differentiation through JNK signaling pathway. Journal of Cellular Biochemistry, 2018, 119, 1548-1557.	1.2	6
35	Wnt signaling pathway regulates differentiation of chicken embryonic stem cells into spermatogonial stem cells via Wnt5a. Journal of Cellular Biochemistry, 2018, 119, 1689-1701.	1.2	28
36	NICD-mediated notch transduction regulates the different fate of chicken primordial germ cells and spermatogonial stem cells. Cell and Bioscience, 2018, 8, 40.	2.1	23

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37	RXRG associated in PPAR signal regulated the differentiation of primordial germ cell. Journal of Cellular Biochemistry, 2018, 119, 6926-6934.	1.2	18
38	CRISPR/Cas9-Mediated Deletion of C1EIS Inhibits Chicken Embryonic Stem Cell Differentiation Into Male Germ Cells (Gallus gallus). Journal of Cellular Biochemistry, 2017, 118, 2380-2386.	1.2	6
39	Dynamic expression and regulatory mechanism of TGF-Î² signaling in chicken embryonic stem cells differentiating into spermatogonial stem cells. Bioscience Reports, 2017, 37, .	1.1	11
40	Research on the appropriate way to transfer exogenous substances into chicken embryos. Journal of Integrative Agriculture, 2017, 16, 2257-2263.	1.7	2
41	Regulation of Hedgehog Signaling in Chicken Embryonic Stem Cells Differentiation Into Male Germ Cells (Gallus). Journal of Cellular Biochemistry, 2017, 118, 1379-1386.	1.2	10
42	CRISPR/Cas9 mediated chicken Stra8 gene knockout and inhibition of male germ cell differentiation. PLoS ONE, 2017, 12, e0172207.	1.1	24
43	Selection of the Inducer for the Differentiation of Chicken Embryonic Stem Cells into Male Germ Cells In Vitro. PLoS ONE, 2016, 11, e0164664.	1.1	5
44	Effects of the Transforming Growth Factor Beta Signaling Pathway on the Differentiation of Chicken Embryonic Stem Cells into Male Germ Cells. Cellular Reprogramming, 2016, 18, 401-410.	0.5	28
45	Site-Directed Genome Knockout in Chicken Cell Line and Embryos Can Use CRISPR/Cas Gene Editing Technology. G3: Genes, Genomes, Genetics, 2016, 6, 1787-1792.	0.8	37
46	Crucial Genes and Pathways in Chicken Germ Stem Cell Differentiation. Journal of Biological Chemistry, 2015, 290, 13605-13621.	1.6	43
47	Regulatory mechanism of protein metabolic pathway during the differentiation process of chicken male germ cell. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 655-661.	0.7	6
48	Isolation of chicken embryonic stem cell and preparation of chicken chimeric model. Molecular Biology Reports, 2013, 40, 2149-2156.	1.0	14
49	Efficient generation of transgenic chickens using the spermatogonial stem cells in vivo and ex vivo transfection. Science in China Series C: Life Sciences, 2008, 51, 734-742.	1.3	29
50	DNA hypomethylation activation Wnt/TCF7L2/TDRD1 pathway promotes spermatogonial stem cell formation. Journal of Cellular Physiology, 0, , .	2.0	1