Jinlian Hua

List of Publications by Year in Descending Order

98 papers	1,522 citations	21 h-index	34 g-index
113 ext. papers	1,953 ext. citations	4.7 avg, IF	4.94 L-index

#	Paper	IF	Citations
98	Nrf2 activation mediates the protection of mouse Sertoli Cells damage under acute heat stress conditions. *Theriogenology*, **2022**, 177, 183-194	2.8	0
97	hUC-MSCs lyophilized powder loaded polysaccharide ulvan driven functional hydrogel for chronic diabetic wound healing.. *Carbohydrate Polymers*, **2022**, 288, 119404	10.3	4
96	Melatonin treatment improves human umbilical cord mesenchymal stem cell therapy in a mouse model of type II diabetes mellitus via the PI3K/AKT signaling pathway.. *Stem Cell Research and Therapy*, **2022**, 13, 164	8.3	1
95	p57 Suppresses the Pluripotency and Proliferation of Mouse Embryonic Stem Cells by Positively Regulating p53 Activation.. *Stem Cells International*, **2021**, 2021, 4968649	5	2
94	Melatonin Promotes the Therapeutic Effect of Mesenchymal Stem Cells on Type 2 Diabetes Mellitus by Regulating TGF-□Pathway. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 722365	5.7	2
93	Histone demethylase complexes KDM3A and KDM3B cooperate with OCT4/SOX2 to define a pluripotency gene regulatory network. *FASEB Journal*, **2021**, 35, e21664	0.9	5
92	Immortalized canine adipose-derived mesenchymal stem cells alleviate gentamicin-induced acute kidney injury by inhibiting endoplasmic reticulum stress in mice and dogs. *Research in Veterinary Science*, **2021**, 136, 39-50	2.5	2
91	Mir-34c affects the proliferation and pluripotency of porcine induced pluripotent stem cell (piPSC)-like cells by targeting c-Myc. *Cells and Development*, **2021**, 166, 203665		0
90	Modes of genetic adaptations underlying functional innovations in the rumen. *Science China Life Sciences*, **2021**, 64, 1-21	8.5	7
89	PAX7 promotes CD49f-positive dairy goat spermatogonial stem cellsU self-renewal. *Journal of Cellular Physiology*, **2021**, 236, 1481-1493	7	2
88	Melatonin alleviates LPS-induced endoplasmic reticulum stress and inflammation in spermatogonial stem cells. *Journal of Cellular Physiology*, **2021**, 236, 3536-3551	7	7
87	Interaction between DMRT1 and PLZF protein regulates self-renewal and proliferation in male germline stem cells. *Molecular and Cellular Biochemistry*, **2021**, 476, 1123-1134	4.2	3
86	Effect of bFGF on fibroblasts derived from the golden snub-nosed monkey. *Primates*, **2021**, 62, 369-378	1.7	
85	Super enhancers-Functional cores under the 3D genome. *Cell Proliferation*, **2021**, 54, e12970	7.9	4
84	BCL2 enhances survival of porcine pluripotent stem cells through promoting FGFR2. *Cell Proliferation*, **2021**, 54, e12932	7.9	8
83	Folic acid promotes proliferation and differentiation of porcine pancreatic stem cells into insulin-secreting cells through canonical Wnt and ERK signaling pathway. *Journal of Steroid Biochemistry and Molecular Biology*, **2021**, 205, 105772	5.1	2
82	inhibits family phosphatases and activates MAPK signaling pathway to maintain pluripotency in porcine induced pluripotent stem cells. *Zoological Research*, **2021**, 42, 377-388	3.4	2

81	Dmrt1 regulates the immune response by repressing the TLR4 signaling pathway in goat male germline stem cells. *Zoological Research*, **2021**, 42, 14-27	3.4	6
80	Single-cell RNA sequencing reveals atlas of dairy goat testis cells. *Zoological Research*, **2021**, 42, 401-405	3.4	1
79	ESRRB Facilitates the Conversion of Trophoblast-Like Stem Cells From Induced Pluripotent Stem Cells by Directly Regulating CDX2. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 712224	5.7	0
78	Promotes the Proliferation of Spermatogonial Stem Cells by Activating ERK Signaling. *Stem Cells International*, **2021**, 2021, 6668658	5	1
77	X-box binding protein 1 (XBP1) function in diseases. *Cell Biology International*, **2021**, 45, 731-739	4.5	7
76	Etv5 safeguards trophoblast stem cells differentiation from mouse EPSCs by regulating fibroblast growth factor receptor 2. *Molecular Biology Reports*, **2020**, 47, 9259-9269	2.8	0
75	Pig-specific RNA editing during early embryo development revealed by genome-wide comparisons. *FEBS Open Bio*, **2020**, 10, 1389-1402	2.7	1
74	The construction and application of lentiviral overexpression vector of goat miR-204 in testis. *Research in Veterinary Science*, **2020**, 130, 52-58	2.5	1
73	The ACE2 expression in Sertoli cells and germ cells may cause male reproductive disorder after SARS-CoV-2 infection. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 9472-9477	5.6	92
72	Eif2s3y regulates the proliferation of spermatogonial stem cells via Wnt6/-catenin signaling pathway. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2020**, 1867, 118790	4.9	3
71	p53 inhibits the proliferation of male germline stem cells from dairy goat cultured on poly-L-lysine. *Reproduction in Domestic Animals*, **2020**, 55, 405-417	1.6	1
70	SerpinB1 promotes the proliferation of porcine pancreatic stem cells through the STAT3 signaling pathway. *Journal of Steroid Biochemistry and Molecular Biology*, **2020**, 198, 105537	5.1	5
69	Functions of promyelocytic leukaemia zinc finger (Plzf) in male germline stem cell development and differentiation. *Reproduction, Fertility and Development*, **2019**,	1.8	4
68	Reconstitution of male germline cell specification from mouse embryonic stem cells using defined factors in vitro. *Cell Death and Differentiation*, **2019**, 26, 2115-2124	12.7	17
67	Establishment of CRISPR/Cas9-Mediated Knock-in System for Porcine Cells with High Efficiency. *Applied Biochemistry and Biotechnology*, **2019**, 189, 26-36	3.2	3
66	Base pair editing in goat: nonsense codon introgression into FGF5 results in longer hair. *FEBS Journal*, **2019**, 286, 4675-4692	5.7	12
65	Therapeutic applications of adipose-derived mesenchymal stem cells on acute liver injury in canines. *Research in Veterinary Science*, **2019**, 126, 233-239	2.5	9
64	Landscape of RNA editing reveals new insights into the dynamic gene regulation of spermatogenesis. *Cell Cycle*, **2019**, 18, 3351-3364	4.7	1

63	LIN28A activates the transcription of NANOG in dairy goat male germline stem cells. *Journal of Cellular Physiology*, **2019**, 234, 8113-8121	7	7
62	Characterization of female germline stem cells from adult mouse ovaries and the role of rapamycin on them. *Cytotechnology*, **2018**, 70, 843-854	2.2	7
61	miR-19b-3p induces cell proliferation and reduces heterochromatin-mediated senescence through PLZF in goat male germline stem cells. *Journal of Cellular Physiology*, **2018**, 233, 4652-4665	7	12
60	Melatonin Ameliorates Busulfan-Induced Spermatogonial Stem Cell Oxidative Apoptosis in Mouse Testes. *Antioxidants and Redox Signaling*, **2018**, 28, 385-400	8.4	45
59	MiR-302 enhances the viability and stemness of male germline stem cells. *Reproduction in Domestic Animals*, **2018**, 53, 1580-1588	1.6	7
58	miRNA editing landscape reveals miR-34c regulated spermatogenesis through structure and target change in pig and mouse. *Biochemical and Biophysical Research Communications*, **2018**, 502, 486-492	3.4	4
57	H19 regulates the proliferation of bovine male germline stem cells via IGF-1 signaling pathway. *Journal of Cellular Physiology*, **2018**, 234, 915-926	7	14
56	Reelin regulates male mouse reproductive capacity via the sertoli cells. *Journal of Cellular Biochemistry*, **2018**, 120, 1174	4.7	2
55	Immortalization of canine adipose-derived mesenchymal stem cells and their seminiferous tubule transplantation. *Journal of Cellular Biochemistry*, **2018**, 119, 3663-3670	4.7	13
54	Double sex and mab-3 related transcription factor 1 regulates differentiation and proliferation in dairy goat male germline stem cells. *Journal of Cellular Physiology*, **2018**, 233, 2537-2548	7	8
53	Melatonin prevents senescence of canine adipose-derived mesenchymal stem cells through activating NRF2 and inhibiting ER stress. *Aging*, **2018**, 10, 2954-2972	5.6	48
52	miR-19b-3p integrates Jak-Stat signaling pathway through Plzf to regulate self-renewal in dairy goat male germline stem cells. *International Journal of Biochemistry and Cell Biology*, **2018**, 105, 104-114	5.6	9
51	Melatonin attenuates detrimental effects of diabetes on the niche of mouse spermatogonial stem cells by maintaining Leydig cells. *Cell Death and Disease*, **2018**, 9, 968	9.8	18
50	Resveratrol Enhances Self-Renewal of Mouse Embryonic Stem Cells. *Journal of Cellular Biochemistry* , **2017**, 118, 1928-1935	4.7	15
49	Interactions between mesenchymal stem cells and the immune system. *Cellular and Molecular Life Sciences*, **2017**, 74, 2345-2360	10.3	129
48	CD61 promotes the differentiation of canine ADMSCs into PGC-like cells through modulation of TGF- signaling. *Scientific Reports*, **2017**, 7, 43851	4.9	12
47	Autophagy is essential for the differentiation of porcine PSCs into insulin-producing cells. *Biochemical and Biophysical Research Communications*, **2017**, 488, 471-476	3.4	11
46	DNMT 1 maintains hypermethylation of CAG promoter specific region and prevents expression of exogenous gene in fat-1 transgenic sheep. *PLoS ONE*, **2017**, 12, e0171442	3.7	10

45	p38 MAPK pathway is essential for self-renewal of mouse male germline stem cells (mGSCs). *Cell Proliferation*, **2017**, 50,	7.9	12
44	Melatonin Relieves Busulfan-Induced Spermatogonial Stem Cell Apoptosis of Mouse Testis by Inhibiting Endoplasmic Reticulum Stress. *Cellular Physiology and Biochemistry*, **2017**, 44, 2407-2421	3.9	30
43	Immune cells in liver regeneration. *Oncotarget*, **2017**, 8, 3628-3639	3.3	45
42	The aldehyde group of gossypol induces mitochondrial apoptosis via ROS-SIRT1-p53-PUMA pathway in male germline stem cell. *Oncotarget*, **2017**, 8, 100128-100140	3.3	12
41	miR-204 Regulates the Proliferation of Dairy Goat Spermatogonial Stem Cells via Targeting to Sirt1. *Rejuvenation Research*, **2016**, 19, 120-30	2.6	28
40	Primordial germ cell-like cells derived from canine adipose mesenchymal stem cells. *Cell Proliferation*, **2016**, 49, 503-11	7.9	28
39	The Modification of Tet1 in Male Germline Stem Cells and Interact with PCNA, HDAC1 to promote their Self-renewal and Proliferation. *Scientific Reports*, **2016**, 6, 37414	4.9	13
38	Multiplex gene editing via CRISPR/Cas9 exhibits desirable muscle hypertrophy without detectable off-target effects in sheep. *Scientific Reports*, **2016**, 6, 32271	4.9	46
37	Modification of Tet1 and histone methylation dynamics in dairy goat male germline stem cells. *Cell Proliferation*, **2016**, 49, 163-72	7.9	4
36	Bovine male germline stem-like cells cultured in serum- and feeder-free medium. *Cytotechnology*, **2016**, 68, 2145-57	2.2	3
35	Melatonin promotes goat spermatogonia stem cells (SSCs) proliferation by stimulating glial cell line-derived neurotrophic factor (GDNF) production in Sertoli cells. *Oncotarget*, **2016**, 7, 77532-77542	3.3	24
34	EIF2S3Y suppresses the pluripotency state and promotes the proliferation of mouse embryonic stem cells. *Oncotarget*, **2016**, 7, 11321-31	3.3	9
33	Resveratrol changes spermatogonial stem cells (SSCs) activity and ameliorates their loss in busulfan-induced infertile mouse. *Oncotarget*, **2016**, 7, 82085-82096	3.3	11
32	Reversine Increases the Plasticity of Long-Term Cryopreserved Fibroblasts to Multipotent Progenitor Cells through Activation of Oct4. *International Journal of Biological Sciences*, **2016**, 12, 53-62	11.2	16
31	Epigenetic Remodeling in Male Germline Development. *Stem Cells International*, **2016**, 2016, 3152173	5	12
30	Disruption of FGF5 in Cashmere Goats Using CRISPR/Cas9 Results in More Secondary Hair Follicles and Longer Fibers. *PLoS ONE*, **2016**, 11, e0164640	3.7	43
29	miR-375 controls porcine pancreatic stem cell fate by targeting 3-phosphoinositide-dependent protein kinase-1 (Pdk1). *Cell Proliferation*, **2016**, 49, 395-406	7.9	15
28	PLZF-Induced Upregulation of CXCR4 Promotes Dairy Goat Male Germline Stem Cell Proliferation by Targeting Mir146a. *Journal of Cellular Biochemistry*, **2016**, 117, 844-52	4.7	14

27	Lin28a promotes self-renewal and proliferation of dairy goat spermatogonial stem cells (SSCs) through regulation of mTOR and PI3K/AKT. *Scientific Reports*, **2016**, 6, 38805	4.9	18
26	Autophagy stimulated proliferation of porcine PSCs might be regulated by the canonical Wnt signaling pathway. *Biochemical and Biophysical Research Communications*, **2016**, 479, 537-543	3.4	11
25	CD49f promotes proliferation of male dairy goat germline stem cells. *Cell Proliferation*, **2016**, 49, 27-35	7.9	6
24	Overexpression of CD61 promotes hUC-MSC differentiation into male germ-like cells. *Cell Proliferation*, **2016**, 49, 36-47	7.9	10
23	Ras/ERK1/2 pathway regulates the self-renewal of dairy goat spermatogonia stem cells. *Reproduction*, **2015**, 149, 445-52	3.8	21
22	miR-544 Regulates Dairy Goat Male Germline Stem Cell Self-Renewal via Targeting PLZF. *Journal of Cellular Biochemistry*, **2015**, 116, 2155-65	4.7	22
21	The Tet1 and histone methylation expression pattern in dairy goat testis. *Theriogenology*, **2015**, 83, 1154-61	2.1	9
20	miR-34c enhances mouse spermatogonial stem cells differentiation by targeting Nanos2. *Journal of Cellular Biochemistry*, **2014**, 115, 232-42	4.7	69
19	CD49f-positive testicular cells in Saanen dairy goat were identified as spermatogonia-like cells by miRNA profiling analysis. *Journal of Cellular Biochemistry*, **2014**, 115, 1712-23	4.7	21
18	Characterization of embryonic stem-like cells derived from HEK293T cells through miR302/367 expression and their potentiality to differentiate into germ-like cells. *Cytotechnology*, **2014**, 66, 729-40	2.2	6
17	Characterization of immortalized dairy goat male germline stem cells (mGSCs). *Journal of Cellular Biochemistry*, **2014**, 115, 1549-60	4.7	29
16	Synergistic transcriptional and post-transcriptional regulation of ESC characteristics by core pluripotency transcription factors in protein-protein interaction networks. *PLoS ONE*, **2014**, 9, e105180	3.7	7
15	Multilineage potential research of bovine amniotic fluid mesenchymal stem cells. *International Journal of Molecular Sciences*, **2014**, 15, 3698-710	6.3	30
14	Establishment and biological characterization of a dermal mesenchymal stem cells line from bovine. *Bioscience Reports*, **2014**, 34,	4.1	8
13	Enrichment and characterization of Thy1-positive male germline stem cells (mGSCs) from dairy goat (Capra hircus) testis using magnetic microbeads. *Theriogenology*, **2013**, 80, 1052-60	2.8	21
12	Expression pattern of Boule in dairy goat testis and its function in promoting the meiosis in male germline stem cells (mGSCs). *Journal of Cellular Biochemistry*, **2013**, 114, 294-302	4.7	26
11	Optimization of the conditions of isolation and culture of dairy goat male germline stem cells (mGSC). *Animal Reproduction Science*, **2013**, 137, 45-52	2.1	35
10	Expression of miR-34c in response to overexpression of Boule and Stra8 in dairy goat male germ line stem cells (mGSCs). *Cell Biochemistry and Function*, **2013**, 31, 281-8	4.2	9

9	Differentiation of neuron-like cells from mouse parthenogenetic embryonic stem cells. *Neural Regeneration Research*, **2013**, 8, 293-300	4.5	
8	Characterization of female germ-like cells derived from mouse embryonic stem cells through expression of GFP under the control of Figla promoter. *Journal of Cellular Biochemistry*, **2012**, 113, 1111-21	4.7	29
7	Pluripotent male germline stem cells from goat fetal testis and their survival in mouse testis. *Cellular Reprogramming*, **2011**, 13, 133-44	2.1	36
6	Derivation of oocyte-like cells from mouse embryonic stem cells **2010**,		3
5	Characterization of mesenchymal stem cells (MSCs) from human fetal lung: potential differentiation of germ cells. *Tissue and Cell*, **2009**, 41, 448-55	2.7	58
4	Derivation of male germ cell-like lineage from human fetal bone marrow stem cells. *Reproductive BioMedicine Online*, **2009**, 19, 99-105	4	62
3	Derivation and characterization of human embryonic germ cells: serum-free culture and differentiation potential. *Reproductive BioMedicine Online*, **2009**, 19, 238-49	4	20
2	Tracing the origin of a new organ by inferring the genetic basis of rumen evolution		1
1	Histone demethylase complexes KDM3A and KDM3B cooperate with OCT4/SOX2 to construct pluripotency gene regulatory network		1