

Jinlian Hua

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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	Interactions between mesenchymal stem cells and the immune system. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 2345-2360	10.3	129
97	The ACE2 expression in Sertoli cells and germ cells may cause male reproductive disorder after SARS-CoV-2 infection. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 9472-9477	5.6	92
96	miR-34c enhances mouse spermatogonial stem cells differentiation by targeting Nanos2. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 232-42	4.7	69
95	Derivation of male germ cell-like lineage from human fetal bone marrow stem cells. <i>Reproductive BioMedicine Online</i> , 2009 , 19, 99-105	4	62
94	Characterization of mesenchymal stem cells (MSCs) from human fetal lung: potential differentiation of germ cells. <i>Tissue and Cell</i> , 2009 , 41, 448-55	2.7	58
93	Melatonin prevents senescence of canine adipose-derived mesenchymal stem cells through activating NRF2 and inhibiting ER stress. <i>Aging</i> , 2018 , 10, 2954-2972	5.6	48
92	Multiplex gene editing via CRISPR/Cas9 exhibits desirable muscle hypertrophy without detectable off-target effects in sheep. <i>Scientific Reports</i> , 2016 , 6, 32271	4.9	46
91	Melatonin Ameliorates Busulfan-Induced Spermatogonial Stem Cell Oxidative Apoptosis in Mouse Testes. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 385-400	8.4	45
90	Immune cells in liver regeneration. <i>Oncotarget</i> , 2017 , 8, 3628-3639	3.3	45
89	Disruption of FGF5 in Cashmere Goats Using CRISPR/Cas9 Results in More Secondary Hair Follicles and Longer Fibers. <i>PLoS ONE</i> , 2016 , 11, e0164640	3.7	43
88	Pluripotent male germline stem cells from goat fetal testis and their survival in mouse testis. <i>Cellular Reprogramming</i> , 2011 , 13, 133-44	2.1	36
87	Optimization of the conditions of isolation and culture of dairy goat male germline stem cells (mGSC). <i>Animal Reproduction Science</i> , 2013 , 137, 45-52	2.1	35
86	Melatonin Relieves Busulfan-Induced Spermatogonial Stem Cell Apoptosis of Mouse Testis by Inhibiting Endoplasmic Reticulum Stress. <i>Cellular Physiology and Biochemistry</i> , 2017 , 44, 2407-2421	3.9	30
85	Multilineage potential research of bovine amniotic fluid mesenchymal stem cells. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 3698-710	6.3	30
84	Characterization of immortalized dairy goat male germline stem cells (mGSCs). <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 1549-60	4.7	29
83	Characterization of female germ-like cells derived from mouse embryonic stem cells through expression of GFP under the control of Figla promoter. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 1111-21	4.7	29
82	miR-204 Regulates the Proliferation of Dairy Goat Spermatogonial Stem Cells via Targeting to Sirt1. <i>Rejuvenation Research</i> , 2016 , 19, 120-30	2.6	28

81	Primordial germ cell-like cells derived from canine adipose mesenchymal stem cells. <i>Cell Proliferation</i> , 2016 , 49, 503-11	7.9	28
80	Expression pattern of Boule in dairy goat testis and its function in promoting the meiosis in male germline stem cells (mGSCs). <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 294-302	4.7	26
79	Melatonin promotes goat spermatogonia stem cells (SSCs) proliferation by stimulating glial cell line-derived neurotrophic factor (GDNF) production in Sertoli cells. <i>Oncotarget</i> , 2016 , 7, 77532-77542	3.3	24
78	miR-544 Regulates Dairy Goat Male Germline Stem Cell Self-Renewal via Targeting PLZF. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 2155-65	4.7	22
77	Ras/ERK1/2 pathway regulates the self-renewal of dairy goat spermatogonia stem cells. <i>Reproduction</i> , 2015 , 149, 445-52	3.8	21
76	CD49F-positive testicular cells in Saanen dairy goat were identified as spermatogonia-like cells by miRNA profiling analysis. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 1712-23	4.7	21
75	Enrichment and characterization of Thy1-positive male germline stem cells (mGSCs) from dairy goat (<i>Capra hircus</i>) testis using magnetic microbeads. <i>Theriogenology</i> , 2013 , 80, 1052-60	2.8	21
74	Derivation and characterization of human embryonic germ cells: serum-free culture and differentiation potential. <i>Reproductive BioMedicine Online</i> , 2009 , 19, 238-49	4	20
73	Lin28a promotes self-renewal and proliferation of dairy goat spermatogonial stem cells (SSCs) through regulation of mTOR and PI3K/AKT. <i>Scientific Reports</i> , 2016 , 6, 38805	4.9	18
72	Melatonin attenuates detrimental effects of diabetes on the niche of mouse spermatogonial stem cells by maintaining Leydig cells. <i>Cell Death and Disease</i> , 2018 , 9, 968	9.8	18
71	Reconstitution of male germline cell specification from mouse embryonic stem cells using defined factors in vitro. <i>Cell Death and Differentiation</i> , 2019 , 26, 2115-2124	12.7	17
70	Reversine Increases the Plasticity of Long-Term Cryopreserved Fibroblasts to Multipotent Progenitor Cells through Activation of Oct4. <i>International Journal of Biological Sciences</i> , 2016 , 12, 53-62	11.2	16
69	Resveratrol Enhances Self-Renewal of Mouse Embryonic Stem Cells. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1928-1935	4.7	15
68	miR-375 controls porcine pancreatic stem cell fate by targeting 3-phosphoinositide-dependent protein kinase-1 (Pdk1). <i>Cell Proliferation</i> , 2016 , 49, 395-406	7.9	15
67	H19 regulates the proliferation of bovine male germline stem cells via IGF-1 signaling pathway. <i>Journal of Cellular Physiology</i> , 2018 , 234, 915-926	7	14
66	PLZF-Induced Upregulation of CXCR4 Promotes Dairy Goat Male Germline Stem Cell Proliferation by Targeting Mir146a. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 844-52	4.7	14
65	The Modification of Tet1 in Male Germline Stem Cells and Interact with PCNA, HDAC1 to promote their Self-renewal and Proliferation. <i>Scientific Reports</i> , 2016 , 6, 37414	4.9	13
64	Immortalization of canine adipose-derived mesenchymal stem cells and their seminiferous tubule transplantation. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 3663-3670	4.7	13

63	CD61 promotes the differentiation of canine ADMSCs into PGC-like cells through modulation of TGF- β signaling. <i>Scientific Reports</i> , 2017 , 7, 43851	4.9	12
62	miR-19b-3p induces cell proliferation and reduces heterochromatin-mediated senescence through PLZF in goat male germline stem cells. <i>Journal of Cellular Physiology</i> , 2018 , 233, 4652-4665	7	12
61	Base pair editing in goat: nonsense codon introgression into FGF5 results in longer hair. <i>FEBS Journal</i> , 2019 , 286, 4675-4692	5.7	12
60	p38 MAPK pathway is essential for self-renewal of mouse male germline stem cells (mGSCs). <i>Cell Proliferation</i> , 2017 , 50,	7.9	12
59	The aldehyde group of gossypol induces mitochondrial apoptosis via ROS-SIRT1-p53-PUMA pathway in male germline stem cell. <i>Oncotarget</i> , 2017 , 8, 100128-100140	3.3	12
58	Epigenetic Remodeling in Male Germline Development. <i>Stem Cells International</i> , 2016 , 2016, 3152173	5	12
57	Autophagy is essential for the differentiation of porcine PSCs into insulin-producing cells. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 488, 471-476	3.4	11
56	Resveratrol changes spermatogonial stem cells (SSCs) activity and ameliorates their loss in busulfan-induced infertile mouse. <i>Oncotarget</i> , 2016 , 7, 82085-82096	3.3	11
55	Autophagy stimulated proliferation of porcine PSCs might be regulated by the canonical Wnt signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 479, 537-543	3.4	11
54	DNMT 1 maintains hypermethylation of CAG promoter specific region and prevents expression of exogenous gene in fat-1 transgenic sheep. <i>PLoS ONE</i> , 2017 , 12, e0171442	3.7	10
53	Overexpression of CD61 promotes hUC-MSC differentiation into male germ-like cells. <i>Cell Proliferation</i> , 2016 , 49, 36-47	7.9	10
52	Therapeutic applications of adipose-derived mesenchymal stem cells on acute liver injury in canines. <i>Research in Veterinary Science</i> , 2019 , 126, 233-239	2.5	9
51	The Tet1 and histone methylation expression pattern in dairy goat testis. <i>Theriogenology</i> , 2015 , 83, 1154-1161	4.8	9
50	Expression of miR-34c in response to overexpression of Boule and Stra8 in dairy goat male germline stem cells (mGSCs). <i>Cell Biochemistry and Function</i> , 2013 , 31, 281-8	4.2	9
49	EIF2S3Y suppresses the pluripotency state and promotes the proliferation of mouse embryonic stem cells. <i>Oncotarget</i> , 2016 , 7, 11321-31	3.3	9
48	miR-19b-3p integrates Jak-Stat signaling pathway through Plzf to regulate self-renewal in dairy goat male germline stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2018 , 105, 104-114	5.6	9
47	Establishment and biological characterization of a dermal mesenchymal stem cells line from bovine. <i>Bioscience Reports</i> , 2014 , 34,	4.1	8
46	BCL2 enhances survival of porcine pluripotent stem cells through promoting FGFR2. <i>Cell Proliferation</i> , 2021 , 54, e12932	7.9	8

45	Double sex and mab-3 related transcription factor 1 regulates differentiation and proliferation in dairy goat male germline stem cells. <i>Journal of Cellular Physiology</i> , 2018 , 233, 2537-2548	7	8
44	Characterization of female germline stem cells from adult mouse ovaries and the role of rapamycin on them. <i>Cytotechnology</i> , 2018 , 70, 843-854	2.2	7
43	MiR-302 enhances the viability and stemness of male germline stem cells. <i>Reproduction in Domestic Animals</i> , 2018 , 53, 1580-1588	1.6	7
42	Synergistic transcriptional and post-transcriptional regulation of ESC characteristics by core pluripotency transcription factors in protein-protein interaction networks. <i>PLoS ONE</i> , 2014 , 9, e105180	3.7	7
41	LIN28A activates the transcription of NANOG in dairy goat male germline stem cells. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8113-8121	7	7
40	Modes of genetic adaptations underlying functional innovations in the rumen. <i>Science China Life Sciences</i> , 2021 , 64, 1-21	8.5	7
39	Melatonin alleviates LPS-induced endoplasmic reticulum stress and inflammation in spermatogonial stem cells. <i>Journal of Cellular Physiology</i> , 2021 , 236, 3536-3551	7	7
38	X-box binding protein 1 (XBP1) function in diseases. <i>Cell Biology International</i> , 2021 , 45, 731-739	4.5	7
37	Characterization of embryonic stem-like cells derived from HEK293T cells through miR302/367 expression and their potentiality to differentiate into germ-like cells. <i>Cytotechnology</i> , 2014 , 66, 729-40	2.2	6
36	CD49f promotes proliferation of male dairy goat germline stem cells. <i>Cell Proliferation</i> , 2016 , 49, 27-35	7.9	6
35	Dmrt1 regulates the immune response by repressing the TLR4 signaling pathway in goat male germline stem cells. <i>Zoological Research</i> , 2021 , 42, 14-27	3.4	6
34	SerpinB1 promotes the proliferation of porcine pancreatic stem cells through the STAT3 signaling pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020 , 198, 105537	5.1	5
33	Histone demethylase complexes KDM3A and KDM3B cooperate with OCT4/SOX2 to define a pluripotency gene regulatory network. <i>FASEB Journal</i> , 2021 , 35, e21664	0.9	5
32	Functions of promyelocytic leukaemia zinc finger (Plzf) in male germline stem cell development and differentiation. <i>Reproduction, Fertility and Development</i> , 2019 ,	1.8	4
31	Modification of Tet1 and histone methylation dynamics in dairy goat male germline stem cells. <i>Cell Proliferation</i> , 2016 , 49, 163-72	7.9	4
30	miRNA editing landscape reveals miR-34c regulated spermatogenesis through structure and target change in pig and mouse. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 502, 486-492	3.4	4
29	Super enhancers-Functional cores under the 3D genome. <i>Cell Proliferation</i> , 2021 , 54, e12970	7.9	4
28	hUC-MSCs lyophilized powder loaded polysaccharide ulvan driven functional hydrogel for chronic diabetic wound healing.. <i>Carbohydrate Polymers</i> , 2022 , 288, 119404	10.3	4

27	Establishment of CRISPR/Cas9-Mediated Knock-in System for Porcine Cells with High Efficiency. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 189, 26-36	3.2	3
26	Eif2s3y regulates the proliferation of spermatogonial stem cells via Wnt6/-catenin signaling pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020 , 1867, 118790	4.9	3
25	Bovine male germline stem-like cells cultured in serum- and feeder-free medium. <i>Cytotechnology</i> , 2016 , 68, 2145-57	2.2	3
24	Derivation of oocyte-like cells from mouse embryonic stem cells 2010 ,		3
23	Interaction between DMRT1 and PLZF protein regulates self-renewal and proliferation in male germline stem cells. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 1123-1134	4.2	3
22	p57 Suppresses the Pluripotency and Proliferation of Mouse Embryonic Stem Cells by Positively Regulating p53 Activation.. <i>Stem Cells International</i> , 2021 , 2021, 4968649	5	2
21	Melatonin Promotes the Therapeutic Effect of Mesenchymal Stem Cells on Type 2 Diabetes Mellitus by Regulating TGF- β Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 722365	5.7	2
20	Immortalized canine adipose-derived mesenchymal stem cells alleviate gentamicin-induced acute kidney injury by inhibiting endoplasmic reticulum stress in mice and dogs. <i>Research in Veterinary Science</i> , 2021 , 136, 39-50	2.5	2
19	Reelin regulates male mouse reproductive capacity via the sertoli cells. <i>Journal of Cellular Biochemistry</i> , 2018 , 120, 1174	4.7	2
18	PAX7 promotes CD49f-positive dairy goat spermatogonial stem cells self-renewal. <i>Journal of Cellular Physiology</i> , 2021 , 236, 1481-1493	7	2
17	Folic acid promotes proliferation and differentiation of porcine pancreatic stem cells into insulin-secreting cells through canonical Wnt and ERK signaling pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 205, 105772	5.1	2
16	inhibits family phosphatases and activates MAPK signaling pathway to maintain pluripotency in porcine induced pluripotent stem cells. <i>Zoological Research</i> , 2021 , 42, 377-388	3.4	2
15	Pig-specific RNA editing during early embryo development revealed by genome-wide comparisons. <i>FEBS Open Bio</i> , 2020 , 10, 1389-1402	2.7	1
14	The construction and application of lentiviral overexpression vector of goat miR-204 in testis. <i>Research in Veterinary Science</i> , 2020 , 130, 52-58	2.5	1
13	p53 inhibits the proliferation of male germline stem cells from dairy goat cultured on poly-L-lysine. <i>Reproduction in Domestic Animals</i> , 2020 , 55, 405-417	1.6	1
12	Landscape of RNA editing reveals new insights into the dynamic gene regulation of spermatogenesis. <i>Cell Cycle</i> , 2019 , 18, 3351-3364	4.7	1
11	Tracing the origin of a new organ by inferring the genetic basis of rumen evolution		1
10	Histone demethylase complexes KDM3A and KDM3B cooperate with OCT4/SOX2 to construct pluripotency gene regulatory network		1

9	Single-cell RNA sequencing reveals atlas of dairy goat testis cells. <i>Zoological Research</i> , 2021 , 42, 401-405	3.4	1
8	Promotes the Proliferation of Spermatogonial Stem Cells by Activating ERK Signaling. <i>Stem Cells International</i> , 2021 , 2021, 6668658	5	1
7	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.. <i>Stem Cell Research and Therapy</i> , 2022 , 13, 164	8.3	1
6	Etv5 safeguards trophoblast stem cells differentiation from mouse EPSCs by regulating fibroblast growth factor receptor 2. <i>Molecular Biology Reports</i> , 2020 , 47, 9259-9269	2.8	0
5	Nrf2 activation mediates the protection of mouse Sertoli Cells damage under acute heat stress conditions. <i>Theriogenology</i> , 2022 , 177, 183-194	2.8	0
4	Mir-34c affects the proliferation and pluripotency of porcine induced pluripotent stem cell (piPSC)-like cells by targeting c-Myc. <i>Cells and Development</i> , 2021 , 166, 203665		0
3	ESRRB Facilitates the Conversion of Trophoblast-Like Stem Cells From Induced Pluripotent Stem Cells by Directly Regulating CDX2. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 712224	5.7	0
2	Differentiation of neuron-like cells from mouse parthenogenetic embryonic stem cells. <i>Neural Regeneration Research</i> , 2013 , 8, 293-300	4.5	
1	Effect of bFGF on fibroblasts derived from the golden snub-nosed monkey. <i>Primates</i> , 2021 , 62, 369-378	1.7	