

Jinsong Li

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8835546/jinsong-li-publications-by-year.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124
papers

4,822
citations

31
h-index

68
g-index

137
ext. papers

6,079
ext. citations

13.4
avg, IF

5.16
L-index

#	Paper	IF	Citations
124	Structure-based discovery of nonhallucinogenic psychedelic analogs.. <i>Science</i> , 2022 , 375, 403-411	33.3	8
123	CEP128 is involved in spermatogenesis in humans and mice.. <i>Nature Communications</i> , 2022 , 13, 1395	17.4	1
122	Gonadal mosaicism mediated female-biased gender control in mice.. <i>Protein and Cell</i> , 2022 , 1	7.2	0
121	Human cell based directed evolution of adenine base editors with improved efficiency. <i>Nature Communications</i> , 2021 , 12, 5897	17.4	5
120	Dynamic crotonylation of EB1 by TIP60 ensures accurate spindle positioning in mitosis. <i>Nature Chemical Biology</i> , 2021 , 17, 1314-1323	11.7	5
119	The SUN1-SPDYA interaction plays an essential role in meiosis prophase I. <i>Nature Communications</i> , 2021 , 12, 3176	17.4	3
118	Paternal USP26 mutations raise Klinefelter syndrome risk in the offspring of mice and humans. <i>EMBO Journal</i> , 2021 , 40, e106864	13	5
117	5FUTR SNP of causes translational defect and intellectual disability. <i>ELife</i> , 2021 , 10,	8.9	1
116	Small-molecule compounds boost genome-editing efficiency of cytosine base editor. <i>Nucleic Acids Research</i> , 2021 , 49, 8974-8986	20.1	2
115	Lentiviral CRISPR-guided RNA library screening identified Adam17 as an upstream negative regulator of Procr in mammary epithelium. <i>BMC Biotechnology</i> , 2021 , 21, 42	3.5	
114	TRIM34 attenuates colon inflammation and tumorigenesis by sustaining barrier integrity. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 350-362	15.4	5
113	Rabl2 GTP hydrolysis licenses BBSome-mediated export to fine-tune ciliary signaling. <i>EMBO Journal</i> , 2021 , 40, e105499	13	10
112	Screening for functional circular RNAs using the CRISPR-Cas13 system. <i>Nature Methods</i> , 2021 , 18, 51-59	21.6	57
111	Constitutive Activity of Serotonin Receptor 6 Regulates Human Cerebral Organoids Formation and Depression-like Behaviors. <i>Stem Cell Reports</i> , 2021 , 16, 75-88	8	1
110	Deleterious variants in X-linked CFAP47 induce asthenoteratozoospermia and primary male infertility. <i>American Journal of Human Genetics</i> , 2021 , 108, 309-323	11	16
109	Procr-expressing granulosa cells are highly proliferative and are important for follicle development. <i>IScience</i> , 2021 , 24, 102065	6.1	4
108	Homozygous mutations in cause male infertility with oligoasthenoteratozoospermia in humans and mice. <i>Journal of Medical Genetics</i> , 2021 ,	5.8	2

107	Tissue signals imprint Aiolos expression in ILC2s to modulate type 2 immunity. <i>Mucosal Immunology</i> , 2021 , 14, 1306-1322	9.2	4
106	Targeting lysophospholipid acid receptor 1 and ROCK kinases promotes antiviral innate immunity. <i>Science Advances</i> , 2021 , 7, eabb5933	14.3	3
105	Rett syndrome linked to defects in forming the MeCP2/Rbfox/LASR complex in mouse models. <i>Nature Communications</i> , 2021 , 12, 5767	17.4	2
104	3D hESC exosomes enriched with miR-6766-3p ameliorates liver fibrosis by attenuating activated stellate cells through targeting the TGF β II-SMADS pathway.. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 437	9.4	1
103	Msi2-mediated MiR7a-1 processing repression promotes myogenesis. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	3
102	Epigenetic integrity of paternal imprints enhances the developmental potential of androgenetic haploid embryonic stem cells. <i>Protein and Cell</i> , 2021 , 13, 102	7.2	0
101	A mutation that blocks integrin β activation prevents adaptive immune-mediated colitis without increasing susceptibility to innate colitis. <i>BMC Biology</i> , 2020 , 18, 64	7.3	4
100	piRNA-independent function of PIWIL1 as a co-activator for anaphase promoting complex/cyclosome to drive pancreatic cancer metastasis. <i>Nature Cell Biology</i> , 2020 , 22, 425-438	23.4	23
99	LARP7-Mediated U6 snRNA Modification Ensures Splicing Fidelity and Spermatogenesis in Mice. <i>Molecular Cell</i> , 2020 , 77, 999-1013.e6	17.6	27
98	Combined application of CRISPR-Cas and stem cells for clinical and basic research. <i>Cell Regeneration</i> , 2020 , 9, 19	2.5	1
97	Combined application of CRISPR-Cas and stem cells for clinical and basic research. <i>Cell Regeneration</i> , 2020 , 9, 19	2.5	2
96	Dosage effect of multiple genes accounts for multisystem disorder of myotonic dystrophy type 1. <i>Cell Research</i> , 2020 , 30, 133-145	24.7	9
95	In vitro expansion of human sperm through nuclear transfer. <i>Cell Research</i> , 2020 , 30, 356-359	24.7	8
94	Chondroitin synthase-3 regulates nucleus pulposus degeneration through actin-induced YAP signaling. <i>FASEB Journal</i> , 2020 , 34, 16581-16600	0.9	4
93	Rare deleterious BUB1B variants induce premature ovarian insufficiency and early menopause. <i>Human Molecular Genetics</i> , 2020 , 29, 2698-2707	5.6	7
92	The chromatin remodeler SRCAP promotes self-renewal of intestinal stem cells. <i>EMBO Journal</i> , 2020 , 39, e103786	13	4
91	Temporal regulation of prenatal embryonic development by paternal imprinted loci. <i>Science China Life Sciences</i> , 2020 , 63, 1-17	8.5	35
90	Joint utilization of genetic analysis and semi-cloning technology reveals a digenic etiology of Millerian anomalies. <i>Cell Research</i> , 2020 , 30, 91-94	24.7	4

89	Imbalance of Excitatory/Inhibitory Neuron Differentiation in Neurodevelopmental Disorders with an NR2F1 Point Mutation. <i>Cell Reports</i> , 2020 , 31, 107521	10.6	7
88	Distinct enhancer signatures in the mouse gastrula delineate progressive cell fate continuum during embryo development. <i>Cell Research</i> , 2019 , 29, 911-926	24.7	8
87	Technical advances contribute to the study of genomic imprinting. <i>PLoS Genetics</i> , 2019 , 15, e1008151	6	8
86	The evolving CRISPR technology. <i>Protein and Cell</i> , 2019 , 10, 783-786	7.2	7
85	PHF7 is a novel histone H2A E3 ligase prior to histone-to-protamine exchange during spermiogenesis. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	16
84	Expansion of the mutant monkey through cloning. <i>Science China Life Sciences</i> , 2019 , 62, 865-867	8.5	
83	Artificial spermatid-mediated genome editing. <i>Biology of Reproduction</i> , 2019 , 101, 538-548	3.9	6
82	NRDE2 negatively regulates exosome functions by inhibiting MTR4 recruitment and exosome interaction. <i>Genes and Development</i> , 2019 , 33, 536-549	12.6	18
81	SCRE serves as a unique synaptonemal complex fastener and is essential for progression of meiosis prophase I in mice. <i>Nucleic Acids Research</i> , 2019 , 47, 5670-5683	20.1	8
80	Genome tagging project: tag every protein in mice through artificial spermatids. <i>National Science Review</i> , 2019 , 6, 394-396	10.8	7
79	Preface to the special topic on genome editing research in China. <i>National Science Review</i> , 2019 , 6, 389-390	8	2
78	Targeted genetic screening in mice through haploid embryonic stem cells identifies critical genes in bone development. <i>PLoS Biology</i> , 2019 , 17, e3000350	9.7	12
77	Bi-allelic Mutations in TTC29 Cause Male Subfertility with Asthenoteratospermia in Humans and Mice. <i>American Journal of Human Genetics</i> , 2019 , 105, 1168-1181	11	30
76	VGLL4 plays a critical role in heart valve development and homeostasis. <i>PLoS Genetics</i> , 2019 , 15, e1007967	7	18
75	A Translation-Activating Function of MIWI/piRNA during Mouse Spermiogenesis. <i>Cell</i> , 2019 , 179, 1566-1581	12.6	16
74	EMC10 governs male fertility via maintaining sperm ion balance. <i>Journal of Molecular Cell Biology</i> , 2018 , 10, 503-514	6.3	14
73	Haploid embryonic stem cells can be enriched and maintained by simple filtration. <i>Journal of Biological Chemistry</i> , 2018 , 293, 5230-5235	5.4	5
72	Nanoliter-Scale Oil-Air-Droplet Chip-Based Single Cell Proteomic Analysis. <i>Analytical Chemistry</i> , 2018 , 90, 5430-5438	7.8	101

71	Single-cell RNA-seq uncovers dynamic processes and critical regulators in mouse spermatogenesis. <i>Cell Research</i> , 2018 , 28, 879-896	24.7	133
70	The RNA-binding protein ROD1/PTBP3 cotranscriptionally defines AID-loading sites to mediate antibody class switch in mammalian genomes. <i>Cell Research</i> , 2018 , 28, 981-995	24.7	17
69	Efficient CRISPR-based genome editing using tandem guide RNAs and editable surrogate reporters. <i>FEBS Open Bio</i> , 2018 , 8, 1167-1175	2.7	5
68	CRISPR-Cas9-mediated base-editing screening in mice identifies DND1 amino acids that are critical for primordial germ cell development. <i>Nature Cell Biology</i> , 2018 , 20, 1315-1325	23.4	36
67	Opposing Roles of Acetylation and Phosphorylation in LIFR-Dependent Self-Renewal Growth Signaling in Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2017 , 18, 933-946	10.6	17
66	Derivation of Haploid Neurons from Mouse Androgenetic Haploid Embryonic Stem Cells. <i>Neuroscience Bulletin</i> , 2017 , 33, 361-364	4.3	10
65	CRISPR-Cas9-mediated genome editing in one blastomere of two-cell embryos reveals a novel Tet3 function in regulating neocortical development. <i>Cell Research</i> , 2017 , 27, 815-829	24.7	23
64	Polar bodies are efficient donors for reconstruction of human embryos for potential mitochondrial replacement therapy. <i>Cell Research</i> , 2017 , 27, 1069-1072	24.7	11
63	One-step generation of complete gene knockout mice and monkeys by CRISPR/Cas9-mediated gene editing with multiple sgRNAs. <i>Cell Research</i> , 2017 , 27, 933-945	24.7	110
62	Trivial role for NSMCE2 during proliferation and differentiation of male germline stem cells. <i>Reproduction</i> , 2017 , 154, 181-195	3.8	13
61	Ubiquitination-Deficient Mutations in Human Piwi Cause Male Infertility by Impairing Histone-to-Protamine Exchange during Spermiogenesis. <i>Cell</i> , 2017 , 169, 1090-1104.e13	56.2	116
60	Mitochondrial replacement by pre-pronuclear transfer in human embryos. <i>Cell Research</i> , 2017 , 27, 834-837	24.7	8
59	Ubiquitination-Deficient Mutations in Human Piwi Cause Male Infertility by Impairing Histone-to-Protamine Exchange During Spermiogenesis. <i>Obstetrical and Gynecological Survey</i> , 2017 , 72, 540-541	2.4	2
58	Stabilization of mouse haploid embryonic stem cells with combined kinase and signal modulation. <i>Scientific Reports</i> , 2017 , 7, 13222	4.9	7
57	Efficient generation of the mouse model with a defined point mutation through haploid cell-mediated gene editing. <i>Journal of Genetics and Genomics</i> , 2017 , 44, 461-463	4	8
56	An intermediate cell state allows rerouting of cell fate. <i>Journal of Biological Chemistry</i> , 2017 , 292, 19133-19134	5.1	1
55	Abnormal Paraventricular Nucleus of Hypothalamus and Growth Retardation Associated with Loss of Nuclear Receptor Gene COUP-TFII. <i>Scientific Reports</i> , 2017 , 7, 5282	4.9	8
54	CRISPR-Cas9-Mediated Gene Editing in Mouse Spermatogonial Stem Cells. <i>Methods in Molecular Biology</i> , 2017 , 1622, 293-305	1.4	7

53	Efficient Generation of Gene-Modified Mice by Haploid Embryonic Stem Cell-Mediated Semi-cloned Technology. <i>Methods in Molecular Biology</i> , 2017 , 1498, 121-133	1.4	9
52	Questions about NgAgo. <i>Protein and Cell</i> , 2016 , 7, 913-915	7.2	16
51	Spermatogenic Cell-Specific Gene Mutation in Mice via CRISPR-Cas9. <i>Journal of Genetics and Genomics</i> , 2016 , 43, 289-96	4	4
50	Parthenogenetic haploid embryonic stem cells efficiently support mouse generation by oocyte injection. <i>Cell Research</i> , 2016 , 26, 131-4	24.7	28
49	Generation of human haploid embryonic stem cells from parthenogenetic embryos obtained by microsurgical removal of male pronucleus. <i>Cell Research</i> , 2016 , 26, 743-6	24.7	27
48	Tet Enzymes Regulate Telomere Maintenance and Chromosomal Stability of Mouse ESCs. <i>Cell Reports</i> , 2016 , 15, 1809-21	10.6	49
47	Generation and application of mammalian haploid embryonic stem cells. <i>Journal of Internal Medicine</i> , 2016 , 280, 236-45	10.8	18
46	Generation of embryonic stem cells from mouse adipose-tissue derived cells via somatic cell nuclear transfer. <i>Cell Cycle</i> , 2015 , 14, 1282-90	4.7	7
45	CRISPR-Cas9-Mediated Genetic Screening in Mice with Haploid Embryonic Stem Cells Carrying a Guide RNA Library. <i>Cell Stem Cell</i> , 2015 , 17, 221-32	18	70
44	Histone deacetylation promotes mouse neural induction by restricting Nodal-dependent mesendoderm fate. <i>Nature Communications</i> , 2015 , 6, 6830	17.4	19
43	CRISPR germline engineering--the community speaks. <i>Nature Biotechnology</i> , 2015 , 33, 478-86	44.5	91
42	Correction of a genetic disease by CRISPR-Cas9-mediated gene editing in mouse spermatogonial stem cells. <i>Cell Research</i> , 2015 , 25, 67-79	24.7	163
41	CRISPR-Cas9-Mediated Genetic Screening in Mice with Haploid Embryonic Stem Cells Carrying a Guide RNA Library. <i>Cell Stem Cell</i> , 2015 , 17, 247	18	2
40	Similarity of epigenetic reprogramming in primordial germ cells between human and mouse. <i>National Science Review</i> , 2015 , 2, 384-384	10.8	1
39	Stem cell, basis and application. <i>Science Bulletin</i> , 2015 , 60, 1711-1712	10.6	4
38	Mediator Med23 deficiency enhances neural differentiation of murine embryonic stem cells through modulating BMP signaling. <i>Development (Cambridge)</i> , 2015 , 142, 465-76	6.6	12
37	Active and passive demethylation of male and female pronuclear DNA in the mammalian zygote. <i>Cell Stem Cell</i> , 2014 , 15, 447-459	18	261
36	Genome-wide mapping of miRNAs expressed in embryonic stem cells and pluripotent stem cells generated by different reprogramming strategies. <i>BMC Genomics</i> , 2014 , 15, 488	4.5	16

35	The roles of testicular c-kit positive cells in de novo morphogenesis of testis. <i>Scientific Reports</i> , 2014 , 4, 5936	4.9	29
34	The transcription factor Pou3f1 promotes neural fate commitment via activation of neural lineage genes and inhibition of external signaling pathways. <i>ELife</i> , 2014 , 3,	8.9	85
33	Next-generation models of human cardiogenesis via genome editing. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 4, a013920	5.4	3
32	The adipose-derived lineage-negative cells are enriched mesenchymal stem cells and promote limb ischemia recovery in mice. <i>Stem Cells and Development</i> , 2014 , 23, 363-71	4.4	11
31	Stimulation of somatic cell reprogramming by ERas-Akt-FoxO1 signaling axis. <i>Stem Cells</i> , 2014 , 32, 349-638	6.3	31
30	Correction of a genetic disease in mouse via use of CRISPR-Cas9. <i>Cell Stem Cell</i> , 2013 , 13, 659-62	18	433
29	piRNA-triggered MIWI ubiquitination and removal by APC/C in late spermatogenesis. <i>Developmental Cell</i> , 2013 , 24, 13-25	10.2	80
28	Zscan4 promotes genomic stability during reprogramming and dramatically improves the quality of iPS cells as demonstrated by tetraploid complementation. <i>Cell Research</i> , 2013 , 23, 92-106	24.7	110
27	Mice cloned from white adipose tissue-derived cells. <i>Journal of Molecular Cell Biology</i> , 2013 , 5, 348-50	6.3	5
26	Generation of haploid embryonic stem cells from Macaca fascicularis monkey parthenotes. <i>Cell Research</i> , 2013 , 23, 1187-200	24.7	85
25	Generation of genetically modified mice by oocyte injection of androgenetic haploid embryonic stem cells. <i>Cell</i> , 2012 , 149, 605-17	56.2	133
24	Haploid embryonic stem cells: an ideal tool for mammalian genetic analyses. <i>Protein and Cell</i> , 2012 , 3, 806-10	7.2	9
23	Human foreskin fibroblast produces interleukin-6 to support derivation and self-renewal of mouse embryonic stem cells. <i>Stem Cell Research and Therapy</i> , 2012 , 3, 29	8.3	4
22	The role of Tet3 DNA dioxygenase in epigenetic reprogramming by oocytes. <i>Nature</i> , 2011 , 477, 606-10	50.4	820
21	Calcineurin-NFAT signaling critically regulates early lineage specification in mouse embryonic stem cells and embryos. <i>Cell Stem Cell</i> , 2011 , 8, 46-58	18	75
20	Defects in trophoblast cell lineage account for the impaired in vivo development of cloned embryos generated by somatic nuclear transfer. <i>Cell Stem Cell</i> , 2011 , 8, 371-5	18	35
19	Reprogramming of mouse and human somatic cells by high-performance engineered factors. <i>EMBO Reports</i> , 2011 , 12, 373-8	6.5	75
18	Mice generated after round spermatid injection into haploid two-cell blastomeres. <i>Cell Research</i> , 2011 , 21, 854-8	24.7	6

17	Different developmental potential of pluripotent stem cells generated by different reprogramming strategies. <i>Journal of Molecular Cell Biology</i> , 2011 , 3, 197-9	6.3	21
16	Stk40 links the pluripotency factor Oct4 to the Erk/MAPK pathway and controls extraembryonic endoderm differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 1402-7	11.5	59
15	High-efficiency somatic reprogramming induced by intact MII oocytes. <i>Cell Research</i> , 2010 , 20, 1034-42	24.7	15
14	Differentiation character of adult mesenchymal stem cells and transfection of MSCs with lentiviral vectors. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2010 , 30, 687-93		5
13	E-cadherin-mediated cell-cell contact is critical for induced pluripotent stem cell generation. <i>Stem Cells</i> , 2010 , 28, 1315-25	5.8	188
12	Germline-competent mouse-induced pluripotent stem cell lines generated on human fibroblasts without exogenous leukemia inhibitory factor. <i>PLoS ONE</i> , 2009 , 4, e6724	3.7	27
11	More synergetic cooperation of Yamanaka factors in induced pluripotent stem cells than in embryonic stem cells. <i>Cell Research</i> , 2009 , 19, 1127-38	24.7	44
10	Nuclear transfer-mediated rescue of the nuclear genome of nonviable mouse cells frozen without cryoprotectant. <i>Biology of Reproduction</i> , 2008 , 79, 588-93	3.9	27
9	Mice cloned from skin cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 2738-43	11.5	52
8	Non-equivalence of cloned and clonal mice. <i>Current Biology</i> , 2005 , 15, R756-7	6.3	17
7	Odorant receptor gene choice is reset by nuclear transfer from mouse olfactory sensory neurons. <i>Nature</i> , 2004 , 428, 393-9	50.4	205
6	Flow cytometric cell-cycle analysis of cultured fibroblasts from the giant panda, <i>Ailuropoda melanoleuca</i> L. <i>Cell Biology International</i> , 2003 , 27, 349-53	4.5	12
5	Rotation of meiotic spindle is controlled by microfilaments in mouse oocytes. <i>Biology of Reproduction</i> , 2003 , 68, 943-6	3.9	72
4	Serial nuclear transfer improves the development of interspe-cies reconstructed giant panda (<i>Aluropoda melanoleuca</i>) em-bryos. <i>Science Bulletin</i> , 2002 , 47, 467		8
3	Interspecies implantation and mitochondria fate of panda-rabbit cloned embryos. <i>Biology of Reproduction</i> , 2002 , 67, 637-42	3.9	110
2	Nuclear transfer using nonquiescent adult fibroblasts from a bovine ear. <i>Science Bulletin</i> , 1999 , 44, 1971-1974		3
1	Temporal regulation of prenatal embryonic development by paternal imprinted loci		1