

# Ling Shuai

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

714  
citations

567281

15  
h-index

580821

25  
g-index

37  
all docs

37  
docs citations

37  
times ranked

705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Androgenetic haploid embryonic stem cells produce live transgenic mice. <i>Nature</i> , 2012, 490, 407-411.	27.8	149
2	Genetic Modification and Screening in Rat Using Haploid Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2014, 14, 404-414.	11.1	85
3	Generation and Application of Mouse-Rat Allodiploid Embryonic Stem Cells. <i>Cell</i> , 2016, 164, 279-292.	28.9	46
4	Parthenogenetic haploid embryonic stem cells produce fertile mice. <i>Cell Research</i> , 2013, 23, 1330-1333.	12.0	35
5	Anti-inflammatory <i>neo</i> -Clerodane Diterpenoids from <i>Ajuga pantantha</i> . <i>Journal of Natural Products</i> , 2020, 83, 894-904.	3.0	25
6	Derivation of Haploid Trophoblast Stem Cells via Conversion In Vitro. <i>IScience</i> , 2019, 11, 508-518.	4.1	24
7	NO inhibitory diterpenoids as potential anti-inflammatory agents from <i>Euphorbia antiquorum</i> . <i>Bioorganic Chemistry</i> , 2019, 92, 103237.	4.1	23
8	Diterpenoids from the leaves of <i>Casearia kurzii</i> showing cytotoxic activities. <i>Bioorganic Chemistry</i> , 2020, 98, 103741.	4.1	23
9	Bioactive Diterpenoids from the Stems of <i>Euphorbia antiquorum</i> . <i>Journal of Natural Products</i> , 2019, 82, 1634-1644.	3.0	21
10	An active heteropolysaccharide from the rinds of <i>Garcinia mangostana</i> Linn.: Structural characterization and immunomodulation activity evaluation. <i>Carbohydrate Polymers</i> , 2020, 235, 115929.	10.2	21
11	Inhibition of Apoptosis Reduces Diploidization of Haploid Mouse Embryonic Stem Cells during Differentiation. <i>Stem Cell Reports</i> , 2020, 15, 185-197.	4.8	20
12	Durable pluripotency and haploidy in epiblast stem cells derived from haploid embryonic stem cells in vitro. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 326-337.	3.3	19
13	Efficient Production of Fluorescent Transgenic Rats using the piggyBac Transposon. <i>Scientific Reports</i> , 2016, 6, 33225.	3.3	19
14	A versatile genetic tool: haploid cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 197.	5.5	19
15	The first cell fate decision in pre-implantation mouse embryos. <i>Cell Regeneration</i> , 2019, 8, 51-57.	2.6	19
16	Dppa3 is critical for Lin28a-regulated ES cells naïve primed state conversion. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 474-488.	3.3	19
17	Genetic screening and multipotency in rhesus monkey haploid neural progenitor cells. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	18
18	Haploid embryonic stem cells serve as a new tool for mammalian genetic study. <i>Stem Cell Research and Therapy</i> , 2014, 5, 20.	5.5	13

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19	High-throughput screening in postimplantation haploid epiblast stem cells reveals Hs3st3b1 as a modulator for reprogramming. <i>Stem Cells Translational Medicine</i> , 2021, 10, 743-755.	3.3	13
20	Derivation of Haploid Neural Stem Cell Lines by Selection for a Pax6-GFP Reporter. <i>Stem Cells and Development</i> , 2018, 27, 479-487.	2.1	12
21	Rif1 and Hmgn3 regulate the conversion of murine trophoblast stem cells. <i>Cell Reports</i> , 2022, 38, 110570.	6.4	12
22	Histone demethylase Kdm2a regulates germ cell genes and endogenous retroviruses in embryonic stem cells. <i>Epigenomics</i> , 2019, 11, 751-766.	2.1	11
23	Clerodane Diterpenoids Isolated from the Leaves of <i>Casearia graveolens</i> . <i>Journal of Natural Products</i> , 2020, 83, 36-44.	3.0	11
24	Germline specification from pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, 74.	5.5	10
25	Cytotoxic diterpenoids as potential anticancer agents from the twigs of <i>Casearia kurzii</i> . <i>Bioorganic Chemistry</i> , 2019, 89, 102995.	4.1	9
26	Extractive from <i>Hypericum ascyron</i> L promotes serotonergic neuronal differentiation in vitro. <i>Stem Cell Research</i> , 2018, 31, 42-50.	0.7	7
27	Generation of Mammalian Offspring by Haploid Embryonic Stem Cells Microinjection. <i>Current Protocols in Stem Cell Biology</i> , 2014, 31, 1A.6.1-15.	3.0	5
28	Genome-scale screening in a rat haploid system identifies <i>Thop1</i> as a modulator of pluripotency exit. <i>Cell Proliferation</i> , 2022, 55, e13209.	5.3	5
29	Co-participation of paternal and maternal genomes before the blastocyst stage is not required for full-term development of mouse embryos: Figure 1. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 486-488.	3.3	4
30	CRISPR/Cas9-edited Pax6-GFP reporter system facilitates the generation of mouse neural progenitor cells during differentiation. <i>Journal of Genetics and Genomics</i> , 2018, 45, 277-280.	3.9	4
31	The milestone of genetic screening: Mammalian haploid cells. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2471-2479.	4.1	4
32	Three dimensional collagen scaffolds promote iPSC induction with higher pluripotency. <i>Protein and Cell</i> , 2016, 7, 844-848.	11.0	3
33	Rapid generation of murine haploid-induced trophoblast stem cells via a Tet-on system. <i>STAR Protocols</i> , 2021, 2, 100881.	1.2	3
34	Genome-wide screening in the haploid system reveals Slc25a43 as a target gene of oxidative toxicity. <i>Cell Death and Disease</i> , 2022, 13, 284.	6.3	3
35	Derivation of Haploid Trophoblast Stem Cells via Conversion In Vitro. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
36	Homozygous Loss of Septin12, but not its Haploinsufficiency, Leads to Male Infertility and Fertilization Failure. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 850052.	3.7	0