

# Huayan Wang

## List of Publications by Year in descending order

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31  
papers

724  
citations

687363

13  
h-index

580821

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g-index

37  
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37  
docs citations

37  
times ranked

1516  
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA-dependent chromatin targeting of TET2 for endogenous retrovirus control in pluripotent stem cells. <i>Nature Genetics</i> , 2018, 50, 443-451.	21.4	122
2	DUX-miR-344-ZMYM2-Mediated Activation of MERVL LTRs Induces a Totipotent 2C-like State. <i>Cell Stem Cell</i> , 2020, 26, 234-250.e7.	11.1	99
3	Porcine Induced Pluripotent Stem Cells Require LIF and Maintain Their Developmental Potential in Early Stage of Embryos. <i>PLoS ONE</i> , 2012, 7, e51778.	2.5	65
4	Isolation and Characterization of Porcine Amniotic Fluid-Derived Multipotent Stem Cells. <i>PLoS ONE</i> , 2011, 6, e19964.	2.5	61
5	Generation of Intermediate Porcine iPS Cells Under Culture Condition Favorable for Mesenchymal-to-Epithelial Transition. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 24-38.	5.6	42
6	Preserving self-renewal of porcine pluripotent stem cells in serum-free 3i culture condition and independent of LIF and b-FGF cytokines. <i>Cell Death Discovery</i> , 2018, 4, 21.	4.7	40
7	Human Amniotic Fluid Stem Cells Possess the Potential to Differentiate into Primordial Follicle Oocytes In Vitro <sup>1</sup> . <i>Biology of Reproduction</i> , 2014, 90, 73.	2.7	39
8	Comparative Gene Expression Signature of Pig, Human and Mouse Induced Pluripotent Stem Cell Lines Reveals Insight into Pig Pluripotency Gene Networks. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 162-176.	5.6	35
9	<i>BMP15</i> Gene Is Activated During Human Amniotic Fluid Stem Cell Differentiation into Oocyte-Like Cells. <i>DNA and Cell Biology</i> , 2012, 31, 1198-1204.	1.9	29
10	Histone demethylase complexes KDM3A and KDM3B cooperate with OCT4/SOX2 to define a pluripotency gene regulatory network. <i>FASEB Journal</i> , 2021, 35, e21664.	0.5	19
11	The virtual element in proximal promoter of porcine myostatin is regulated by myocyte enhancer factor 2C. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 175-181.	2.1	18
12	Kinetic Analysis of Porcine Fibroblast Reprogramming Toward Pluripotency by Defined Factors. <i>Cellular Reprogramming</i> , 2012, 14, 312-323.	0.9	16
13	EpCAM Intracellular Domain Promotes Porcine Cell Reprogramming by Upregulation of Pluripotent Gene Expression via Beta-catenin Signaling. <i>Scientific Reports</i> , 2017, 7, 46315.	3.3	16
14	Translationally controlled tumor protein (TCTP) downregulates Oct4 expression in mouse pluripotent cells. <i>BMB Reports</i> , 2012, 45, 20-25.	2.4	12
15	Monitoring bovine fetal fibroblast reprogramming utilizing a bovine <i>NANOG</i> promoter-driven EGFP reporter system. <i>Molecular Reproduction and Development</i> , 2013, 80, 193-203.	2.0	11
16	Structure and functional evaluation of porcine NANOG that is a single-exon gene and has two pseudogenes. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 59, 142-152.	2.8	11
17	Activin-SMAD signaling is required for maintenance of porcine iPS cell self-renewal through upregulation of <i>NANOG</i> and <i>OCT4</i> expression. <i>Journal of Cellular Physiology</i> , 2017, 232, 2253-2262.	4.1	11
18	The oncogene <i>Etv5</i> promotes MET in somatic reprogramming and orchestrates epiblast/primitive endoderm specification during mESCs differentiation. <i>Cell Death and Disease</i> , 2018, 9, 224.	6.3	11

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19	Methanol fixed fibroblasts serve as feeder cells to maintain stem cells in the pluripotent state in vitro. <i>Scientific Reports</i> , 2018, 8, 7780.	3.3	9
20	Identification and Analysis of Regulatory Elements in Porcine Bone Morphogenetic Protein 15 Gene Promoter. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25759-25772.	4.1	8
21	Common microRNA-mRNA interactions exist among distinct porcine iPSC lines independent of their metastable pluripotent states. <i>Cell Death and Disease</i> , 2017, 8, e3027-e3027.	6.3	8
22	ESRRB plays a crucial role in the promotion of porcine cell reprogramming. <i>Journal of Cellular Physiology</i> , 2018, 233, 1601-1611.	4.1	6
23	Molecular network of miR-1343 regulates the pluripotency of porcine pluripotent stem cells via repressing OTX2 expression. <i>RNA Biology</i> , 2019, 16, 82-92.	3.1	6
24	Conversion of Goat Fibroblasts into Lineage-specific Cells Using a Direct Reprogramming Strategy. <i>Animal Science Journal</i> , 2017, 88, 745-754.	1.4	5
25	Characterization of the proximal region of the goat NANOG promoter that is used for monitoring cell reprogramming and early embryo development. <i>Veterinary Journal</i> , 2014, 199, 80-87.	1.7	4
26	OTX2 impedes self-renewal of porcine iPS cells through downregulation of NANOG expression. <i>Cell Death Discovery</i> , 2016, 2, 16090.	4.7	4
27	Characterization and functional analysis of porcine estrogen-related receptors and their alternative splicing variants1. <i>Journal of Animal Science</i> , 2015, 93, 4258-4266.	0.5	3
28	Characterization of novel alternative splicing variants of Oct4 gene expressed in mouse pluripotent stem cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 5468-5477.	4.1	3
29	Functional analysis of bovine Nramp1 and production of transgenic cloned embryos in vitro. <i>Zygote</i> , 2015, 23, 83-92.	1.1	2
30	Identification and functional analysis of porcine basic helix-loop-helix transcriptional factor 3 (TCF3) and its alternative splicing isoforms. <i>Research in Veterinary Science</i> , 2016, 105, 1-4.	1.9	2
31	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.	2.3	2