

# Yu Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5072885/publications.pdf>

Version: 2024-02-01

21  
papers

1,288  
citations

687363

13  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2004  
citing authors

#	ARTICLE	IF	CITATIONS
1	iPS Cells Can Support Full-Term Development of Tetraploid Blastocyst-Complemented Embryos. <i>Cell Stem Cell</i> , 2009, 5, 135-138.	11.1	431
2	Replacement of Oct4 by Tet1 during iPSC Induction Reveals an Important Role of DNA Methylation and Hydroxymethylation in Reprogramming. <i>Cell Stem Cell</i> , 2013, 12, 453-469.	11.1	321
3	Characterization of Bovine Induced Pluripotent Stem Cells by Lentiviral Transduction of Reprogramming Factor Fusion Proteins. <i>International Journal of Biological Sciences</i> , 2012, 8, 498-511.	6.4	69
4	Patient iPSC-Derived Neurons for Disease Modeling of Frontotemporal Dementia with Mutation in CHMP2B. <i>Stem Cell Reports</i> , 2017, 8, 648-658.	4.8	65
5	Reprogramming of Trophoblast Stem Cells into Pluripotent Stem Cells by Oct4. <i>Stem Cells</i> , 2011, 29, 755-763.	3.2	63
6	Dynamic reprogramming of 5-hydroxymethylcytosine during early porcine embryogenesis. <i>Theriogenology</i> , 2014, 81, 496-508.	2.1	55
7	Efficient Reprogramming of Na <sup>+</sup> -Like Induced Pluripotent Stem Cells from Porcine Adipose-Derived Stem Cells with a Feeder-Independent and Serum-Free System. <i>PLoS ONE</i> , 2014, 9, e85089.	2.5	45
8	Modeling neurodegenerative diseases with patient-derived induced pluripotent cells: Possibilities and challenges. <i>New Biotechnology</i> , 2017, 39, 190-198.	4.4	42
9	Single-cell transcriptomics captures features of human midbrain development and dopamine neuron diversity in brain organoids. <i>Nature Communications</i> , 2021, 12, 7302.	12.8	39
10	Glutamate-glutamine homeostasis is perturbed in neurons and astrocytes derived from patient iPSC models of frontotemporal dementia. <i>Molecular Brain</i> , 2020, 13, 125.	2.6	36
11	Reference Gene Screening for Analyzing Gene Expression Across Goat Tissue. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 1665-1671.	2.4	32
12	Astrocytic reactivity triggered by defective autophagy and metabolic failure causes neurotoxicity in frontotemporal dementia type 3. <i>Stem Cell Reports</i> , 2021, 16, 2736-2751.	4.8	23
13	Characterization of energy and neurotransmitter metabolism in cortical glutamatergic neurons derived from human induced pluripotent stem cells: A novel approach to study metabolism in human neurons. <i>Neurochemistry International</i> , 2017, 106, 48-61.	3.8	14
14	DOT1L inhibitor improves early development of porcine somatic cell nuclear transfer embryos. <i>PLoS ONE</i> , 2017, 12, e0179436.	2.5	13
15	Characterization of porcine partially reprogrammed iPSCs from adipose-derived stem cells. <i>Reproduction</i> , 2015, 149, 485-496.	2.6	8
16	Long-term survival of exogenous embryonic stem cells in adult bone marrow. <i>Cell Research</i> , 2011, 21, 1148-1151.	12.0	6
17	In vitro evaluation of a mammary gland specific expression vector encoding recombinant human lysozyme for development of transgenic dairy goat embryos. <i>Biotechnology Letters</i> , 2012, 34, 1445-1452.	2.2	6
18	Identification of Valid Housekeeping Genes for Real-Time Quantitative PCR Analysis of Collapsed Lung Tissues of Neonatal Somatic Cell Nuclear Transfer-Derived Cattle. <i>Cellular Reprogramming</i> , 2015, 17, 360-367.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Generation of a human induced pluripotent stem cell line via CRISPR-Cas9 mediated integration of a site-specific heterozygous mutation in CHMP2B. Stem Cell Research, 2016, 17, 148-150.	0.7	6
20	Generation of a human induced pluripotent stem cell line via CRISPR-Cas9 mediated integration of a site-specific homozygous mutation in CHMP2B. Stem Cell Research, 2016, 17, 151-153.	0.7	5
21	Construction of multiple shRNAs expression vector that inhibits FUT1 gene expression and production of the transgenic SCNT embryos in vitro. Molecular Biology Reports, 2013, 40, 2243-2252.	2.3	2