Yu Zhang

List of Publications by Year
in descending order

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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	Astrocytic reactivity triggered by defective autophagy and metabolic failure causes neurotoxicity in frontotemporal dementia type 3. Stem Cell Reports, 2021, 16, 2736-2751.	4.8	23
2	Single-cell transcriptomics captures features of human midbrain development and dopamine neuron diversity in brain organoids. Nature Communications, 2021, 12, 7302.	12.8	39
3	Glutamate-glutamine homeostasis is perturbed in neurons and astrocytes derived from patient iPSC models of frontotemporal dementia. Molecular Brain, 2020, 13, 125.	2.6	36
4	Patient iPSC-Derived Neurons for Disease Modeling of Frontotemporal Dementia with Mutation in CHMP2B. Stem Cell Reports, 2017, 8, 648-658.	4.8	65
5	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. Neurochemistry International, 2017, 106, 48-61.	3.8	14
6	Modeling neurodegenerative diseases with patient-derived induced pluripotent cells: Possibilities and challenges. New Biotechnology, 2017, 39, 190-198.	4.4	42
7	DOT1L inhibitor improves early development of porcine somatic cell nuclear transfer embryos. PLoS ONE, 2017, 12, e0179436.	2.5	13
8	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
9	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
10	Characterization of porcine partially reprogrammed iPSCs from adipose-derived stem cells. Reproduction, 2015, 149, 485-496.	2.6	8
11	Identification of Valid Housekeeping Genes for Real-Time Quantitative PCR Analysis of Collapsed Lung Tissues of Neonatal Somatic Cell Nuclear Transferâ€"Derived Cattle. Cellular Reprogramming, 2015, 17, 360-367.	0.9	6
12	Efficient Reprogramming of NaÃ¯ve-Like Induced Pluripotent Stem Cells from Porcine Adipose-Derived Stem Cells with a Feeder-Independent and Serum-Free System. PLoS ONE, 2014, 9, e85089.	2.5	45
13	Dynamic reprogramming of 5-hydroxymethylcytosine during early porcine embryogenesis. Theriogenology, 2014, 81, 496-508.	2.1	55
14	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
15	Replacement of Oct4 by Tet1 during iPSC Induction Reveals an Important Role of DNA Methylation and Hydroxymethylation in Reprogramming. Cell Stem Cell, 2013, 12, 453-469.	11.1	321
16	Reference Gene Screening for Analyzing Gene Expression Across Goat Tissue. Asian-Australasian Journal of Animal Sciences, 2013, 26, 1665-1671.	2.4	32
17	In vitro evaluation of a mammary gland specific expression vector encoding recombinant human lysozyme for development of transgenic dairy goat embryos. Biotechnology Letters, 2012, 34, 1445-1452.	2.2	6
18	Characterization of Bovine Induced Pluripotent Stem Cells by Lentiviral Transduction of Reprogramming Factor Fusion Proteins. International Journal of Biological Sciences, 2012, 8, 498-511.	6.4	69

#	Article	IF	Citations
19	Reprogramming of Trophoblast Stem Cells into Pluripotent Stem Cells by Oct4. Stem Cells, 2011, 29, 755-763.	3.2	63
20	Long-term survival of exogenous embryonic stem cells in adult bone marrow. Cell Research, 2011, 21, 1148-1151.	12.0	6
21	iPS Cells Can Support Full-Term Development of Tetraploid Blastocyst-Complemented Embryos. Cell Stem Cell, 2009, 5, 135-138.	11.1	431