

Tomoyuki TSUKIYAMA

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,133
citations

623188

14
h-index

676716

22
g-index

26
all docs

26
docs citations

26
times ranked

1652
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and characterization of two novel classes of small RNAs in the mouse germline: retrotransposon-derived siRNAs in oocytes and germline small RNAs in testes. <i>Genes and Development</i> , 2006, 20, 1732-1743.	2.7	514
2	Cell-Free Extracts from Mammalian Oocytes Partially Induce Nuclear Reprogramming in Somatic Cells. <i>Biology of Reproduction</i> , 2009, 80, 935-943.	1.2	70
3	Establishment of Trophoblast Stem Cells under Defined Culture Conditions in Mice. <i>PLoS ONE</i> , 2014, 9, e107308.	1.1	57
4	Generation of Naïve Bovine Induced Pluripotent Stem Cells Using PiggyBac Transposition of Doxycycline-Inducible Transcription Factors. <i>PLoS ONE</i> , 2015, 10, e0135403.	1.1	54
5	Reversible Membrane Permeabilization of Mammalian Cells Treated with Digitonin and Its Use for Inducing Nuclear Reprogramming by <i>Xenopus</i> Egg Extracts. <i>Cloning and Stem Cells</i> , 2008, 10, 535-542.	2.6	52
6	A Modified EpiSC Culture Condition Containing a GSK3 Inhibitor Can Support Germline-Competent Pluripotency in Mice. <i>PLoS ONE</i> , 2014, 9, e95329.	1.1	47
7	Induction of the germ cell fate from pluripotent stem cells in cynomolgus monkeys. <i>Biology of Reproduction</i> , 2020, 102, 620-638.	1.2	40
8	Identification and characterization of an oocyte factor required for development of porcine nuclear transfer embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7040-7045.	3.3	38
9	GATA transcription factors, SOX17 and TFAP2C, drive the human germ-cell specification program. <i>Life Science Alliance</i> , 2021, 4, e202000974.	1.3	37
10	Monkeys mutant for PKD1 recapitulate human autosomal dominant polycystic kidney disease. <i>Nature Communications</i> , 2019, 10, 5517.	5.8	33
11	Generation of transgenic cynomolgus monkeys that express green fluorescent protein throughout the whole body. <i>Scientific Reports</i> , 2016, 6, 24868.	1.6	31
12	Flexible adaptation of male germ cells from female iPSCs of endangered <i>Tokudaia osimensis</i> . <i>Science Advances</i> , 2017, 3, e1602179.	4.7	28
13	Simple and efficient method for generation of induced pluripotent stem cells using piggyBac transposition of doxycycline-inducible factors and an EOS reporter system. <i>Genes To Cells</i> , 2011, 16, 815-825.	0.5	25
14	A Comprehensive System for Generation and Evaluation of Induced Pluripotent Stem Cells Using piggyBac Transposition. <i>PLoS ONE</i> , 2014, 9, e92973.	1.1	23
15	Generation of Transgenic Cynomolgus Monkeys Overexpressing the Gene for Amyloid- β Precursor Protein. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 45-60.	1.2	17
16	Visualization of the Epiblast and Visceral Endodermal Cells Using Fgf5-P2A-Venus BAC Transgenic Mice and Epiblast Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0159246.	1.1	14
17	Comprehensive evaluation of ubiquitous promoters suitable for the generation of transgenic cynomolgus monkeys. <i>Biology of Reproduction</i> , 2019, 100, 1440-1452.	1.2	12
18	Derivation of Induced Trophoblast Cell Lines in Cattle by Doxycycline-Inducible piggyBac Vectors. <i>PLoS ONE</i> , 2016, 11, e0167550.	1.1	12

#	ARTICLE	IF	CITATIONS
19	Generating Vegfr3 reporter transgenic mouse expressing membrane-tagged Venus for visualization of VEGFR3 expression in vascular and lymphatic endothelial cells. PLoS ONE, 2019, 14, e0210060.	1.1	11
20	Chromosomal-scale de novo genome assemblies of Cynomolgus Macaque and Common Marmoset. Scientific Data, 2021, 8, 159.	2.4	9
21	A hyperactive <i>piggyBac</i> transposon system is an easy-to-implement method for introducing foreign genes into mouse preimplantation embryos. Journal of Reproduction and Development, 2015, 61, 241-244.	0.5	5
22	Generation of an OCT3/4 reporter cynomolgus monkey ES cell line using CRISPR/Cas9. Stem Cell Research, 2019, 37, 101439.	0.3	4