

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	GATA transcription factors, SOX17 and TFAP2C, drive the human germ-cell specification program. <i>Life Science Alliance</i> , 2021, 4, e202000974.	1.3	37
2	Chromosomal-scale de novo genome assemblies of <i>Cynomolgus</i> Macaque and Common Marmoset. <i>Scientific Data</i> , 2021, 8, 159.	2.4	9
3	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
4	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
5	Generation of an OCT3/4 reporter cynomolgus monkey ES cell line using CRISPR/Cas9. <i>Stem Cell Research</i> , 2019, 37, 101439.	0.3	4
6	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
7	Monkeys mutant for PKD1 recapitulate human autosomal dominant polycystic kidney disease. <i>Nature Communications</i> , 2019, 10, 5517.	5.8	33
8	Generating Vegfr3 reporter transgenic mouse expressing membrane-tagged Venus for visualization of VEGFR3 expression in vascular and lymphatic endothelial cells. <i>PLoS ONE</i> , 2019, 14, e0210060.	1.1	11
9	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
10	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
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	Derivation of Induced Trophoblast Cell Lines in Cattle by Doxycycline-Inducible piggyBac Vectors. <i>PLoS ONE</i> , 2016, 11, e0167550.	1.1	12
13	A hyperactive piggyBac transposon system is an easy-to-implement method for introducing foreign genes into mouse preimplantation embryos. <i>Journal of Reproduction and Development</i> , 2015, 61, 241-244.	0.5	5
14	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
15	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
16	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
17	Establishment of Trophoblast Stem Cells under Defined Culture Conditions in Mice. <i>PLoS ONE</i> , 2014, 9, e107308.	1.1	57
18	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

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19	Identification and characterization of an oocyte factor required for development of porcine nuclear transfer embryos. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7040-7045.	3.3	38
20	Cell-Free Extracts from Mammalian Oocytes Partially Induce Nuclear Reprogramming in Somatic Cells. Biology of Reproduction, 2009, 80, 935-943.	1.2	70
21	Reversible Membrane Permeabilization of Mammalian Cells Treated with Digitonin and Its Use for Inducing Nuclear Reprogramming by <i>Xenopus</i> Egg Extracts. Cloning and Stem Cells, 2008, 10, 535-542.	2.6	52
22	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. Genes and Development, 2006, 20, 1732-1743.	2.7	514