Satoshi Kishigami

List of Publications by Year
in descending order

85	4,022	147726 31	123376 61
papers	citations	h-index	g-index

90	90	90	4475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Significant improvement of mouse cloning technique by treatment with trichostatin A after somatic nuclear transfer. Biochemical and Biophysical Research Communications, 2006, 340, 183-189.	1.0	523
2	SARS-CoV-2 D614G spike mutation increases entry efficiency with enhanced ACE2-binding affinity. Nature Communications, 2021, 12, 848.	5.8	389
3	BMP signaling and early embryonic patterning. Cytokine and Growth Factor Reviews, 2005, 16, 265-278.	3.2	240
4	Equivalency of Nuclear Transfer-Derived Embryonic Stem Cells to Those Derived from Fertilized Mouse Blastocysts. Stem Cells, 2006, 24, 2023-2033.	1.4	156
5	Derivation of ground-state female ES cells maintaining gamete-derived DNA methylation. Nature, 2017, 548, 224-227.	13.7	153
6	Successful Mouse Cloning of an Outbred Strain by Trichostatin A Treatment after Somatic Nuclear Transfer. Journal of Reproduction and Development, 2007, 53, 165-170.	0.5	141
7	The histone deacetylase inhibitor scriptaid enhances nascent mRNA production and rescues full-term development in cloned inbred mice. Reproduction, 2009, 138, 309-317.	1.1	136
8	Epigenetic abnormalities of the mouse paternal zygotic genome associated with microinsemination of round spermatids. Developmental Biology, 2006, 289, 195-205.	0.9	127
9	How to Improve the Success Rate of Mouse Cloning Technology. Journal of Reproduction and Development, 2010, 56, 20-30.	0.5	111
10	Production of cloned mice by somatic cellnuclear transfer. Nature Protocols, 2006, 1, 125-138.	5.5	103
11	Establishment of Male and Female Nuclear Transfer Embryonic Stem Cell Lines from Different Mouse Strains and Tissues1. Biology of Reproduction, 2005, 72, 932-936.	1.2	101
12	Effect of Trichostatin A on Chromatin Remodeling, Histone Modifications, DNA Replication, and Transcriptional Activity in Cloned Mouse Embryos1. Biology of Reproduction, 2010, 83, 454-463.	1.2	92
13	Androgens and mammalian male reproductive tract development. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 163-170.	0.9	89
14	Efficient Strontium-Induced Activation of Mouse Oocytes in Standard Culture Media by Chelating Calcium. Journal of Reproduction and Development, 2007, 53, 1207-1215.	0.5	87
15	Mice Cloned by Nuclear Transfer from Somatic and ntES Cells Derived from the Same Individuals. Journal of Reproduction and Development, 2005, 51, 765-772.	0.5	77
16	From The Cover: Propagation of an infertile hermaphrodite mouse lacking germ cells by using nuclear transfer and embryonic stem cell technology. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 29-33.	3.3	75
17	Successful Serial Recloning in the Mouse over Multiple Generations. Cell Stem Cell, 2013, 12, 293-297.	5.2	75
18	Production of Offspring from One-Day-Old Oocytes Stored at Room Temperature. Journal of Reproduction and Development, 2004, 50, 627-637.	0.5	70

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19	Regulation of chromatin and chromosome morphology by histone H3 modifications in pig oocytes. Reproduction, 2007, 133, 371-382.	1.1	69
20	Expression and Functional Analyses of Circadian Genes in Mouse Oocytes and Preimplantation Embryos: Cry1 Is Involved in the Meiotic Process Independently of Circadian Clock Regulation1. Biology of Reproduction, 2009, 80, 473-483.	1.2	62
21	The cytoplasm of mouse germinal vesicle stage oocytes can enhance somatic cell nuclear reprogramming. Development (Cambridge), 2008, 135, 3935-3945.	1.2	57
22	Super-rapid quantitation of the production of HIV-1 harboring a luminescent peptide tag. Journal of Biological Chemistry, 2020, 295, 13023-13030.	1.6	57
23	Developmental ability of cloned embryos from neural stem cells. Reproduction, 2006, 132, 849-857.	1.1	54
24	BMP signaling through ACVRI is required for leftâ€“right patterning in the early mouse embryo. Developmental Biology, 2004, 276, 185-193.	0.9	50
25	Normal specification of the extraembryonic lineage after somatic nuclear transfer. FEBS Letters, 2006, 580, 1801-1806.	1.3	46
26	Outflow tract cushions perform a critical valve-like function in the early embryonic heart requiring BMPRIA-mediated signaling in cardiac neural crest. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1617-H1628.	1.5	46
27	Membrane-associated RING-CH (MARCH) 1 and 2 are MARCH family members that inhibit HIV-1 infection. Journal of Biological Chemistry, 2019, 294, 3397-3405.	1.6	43
28	<scp>S</scp>pecific and spatial labeling of P0â€Cre versus Wnt1â€Cre in cranial neural crest in early mouse embryos. Genesis, 2017, 55, e23034.	0.8	37
29	MARCH8 inhibits viral infection by two different mechanisms. ELife, 2020, 9, .	2.8	37
30	Inhibition of the Ubiquitin-proteasome System Leads to Delay of the Onset of ZGA Gene Expression. Journal of Reproduction and Development, 2010, 56, 655-663.	0.5	36
31	Donor Centrosome Regulation of Initial Spindle Formation in Mouse Somatic Cell Nuclear Transfer: Roles of Gamma-Tubulin and Nuclear Mitotic Apparatus Protein 11. Biology of Reproduction, 2006, 74, 777-787.	1.2	33
32	Differentiation Potential of Parthenogenetic Embryonic Stem Cells Is Improved by Nuclear Transfer. Stem Cells, 2007, 25, 46-53.	1.4	33
33	New Preservation Method for Mouse Spermatozoa Without Freezing1. Biology of Reproduction, 2005, 72, 444-450.	1.2	31
34	Establishment of mouse embryonic stem cell lines from somatic cell nuclei by nuclear transfer into aged, fertilization-failure mouse oocytes. Current Biology, 2007, 17, R120-R121.	1.8	28
35	Somatic cell nuclear transfer: Infinite reproduction of a unique diploid genome. Experimental Cell Research, 2008, 314, 1945-1950.	1.2	27
36	Mouse zygote-specific proteasome assembly chaperone important for maternal-to-zygotic transition. Biology Open, 2013, 2, 170-182.	0.6	27

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37	Injection of Somatic Cell Cytoplasm into Oocytes Before Intracytoplasmic Sperm Injection Impairs Full-Term Development and Increases Placental Weight in Mice1. Biology of Reproduction, 2006, 74, 865-873.	1.2	25
38	Abnormal DNA methylation of the Octâ€4 enhancer region in cloned mouse embryos. Molecular Reproduction and Development, 2009, 76, 342-350.	1.0	25
39	GSE Is a Maternal Factor Involved in Active DNA Demethylation in Zygotes. PLoS ONE, 2013, 8, e60205.	1.1	25
40	In Situ Hybridization Methods for Mouse Whole Mounts and Tissue Sections with and Without Additional Î²-Galactosidase Staining. Methods in Molecular Biology, 2014, 1092, 1-15.	0.4	25
41	Nicotinamide: a Class III HDACi Delays <i>In Vitro</i> Aging of Mouse Oocytes. Journal of Reproduction and Development, 2013, 59, 238-244.	0.5	23
42	Gene Expression Profile Normalization in Cloned Mice by Trichostatin A Treatment. Cellular Reprogramming, 2012, 14, 45-55.	0.5	21
43	Generation of cloned mice and nuclear transfer embryonic stem cell lines from urine-derived cells. Scientific Reports, 2016, 6, 23808.	1.6	21
44	Midline-derived Shh regulates mesonephric tubule formation through the paraxial mesoderm. Developmental Biology, 2014, 386, 216-226.	0.9	19
45	Tolerance of the freeze-dried mouse sperm nucleus to temperatures ranging from â˜'196â€‰Â°C to 150â€‰Â°C. Scientific Reports, 2019, 9, 5719.	1.6	18
46	Evaluating the long-term effect of space radiation on the reproductive normality of mammalian sperm preserved on the International Space Station. Science Advances, 2021, 7, .	4.7	18
47	CRISPR-mediated activation of endogenous BST-2/tetherin expression inhibits wild-type HIV-1 production. Scientific Reports, 2019, 9, 3134.	1.6	17
48	Enhanced apoptosis during early neuronal differentiation in mouse ES cells with autosomal imbalance. Cell Research, 2009, 19, 247-258.	5.7	16
49	Optimized Î²-galactosidase staining method for simultaneous detection of endogenous gene expression in early mouse embryos. Genesis, 2006, 44, 57-65.	0.8	15
50	Expression analysis of circadian genes in oocytes and preimplantation embryos of cattle and rabbits. Animal Reproduction Science, 2010, 121, 225-235.	0.5	15
51	MARCH8 Targets Cytoplasmic Lysine Residues of Various Viral Envelope Glycoproteins. Microbiology Spectrum, 2022, 10, e0061821.	1.2	15
52	Harmful or Not: Trichostatin A treatment of embryos generated by ICSI or ROSI. Open Life Sciences, 2006, 1, 376-385.	0.6	14
53	Cloned mice and embryonic stem cell establishment from adult somatic cell. Human Cell, 2006, 19, 2-10.	1.2	13
54	Deposition of Acetylated Histones by RNAP II Promoter Clearance May Occur at Onset of Zygotic Gene Activation in Preimplantation Mouse Embryos. Journal of Reproduction and Development, 2010, 56, 607-615.	0.5	13

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55	Antibody repertoire diversification through VH gene replacement in mice cloned from an IgA plasma cell. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E450-7.	3.3	13
56	Birth of cloned mice from vaginal smear cells after somatic cell nuclear transfer. Theriogenology, 2017, 94, 79-85.	0.9	11
57	Somatic Cell Nuclear Transfer in the Mouse. Methods in Molecular Biology, 2009, 518, 207-218.	0.4	10
58	Dynamics and regulation of lysine-acetylation during one-cell stage mouse embryos. Biochemical and Biophysical Research Communications, 2013, 434, 1-7.	1.0	9
59	Development of interspecies cloned embryos reconstructed with rabbit (<i>Oryctolagus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Zygote, 2013, 21, 358-366.	0.5	9
60	Functional Analysis of Nocturnin, a Circadian Deadenylase, at Maternal-to-zygotic Transition in Mice. Journal of Reproduction and Development, 2013, 59, 258-265.	0.5	9
61	Production of cloned mice using oocytes derived from ICR-outbred strain. Reproduction, 2017, 154, 859-866.	1.1	8
62	Potential Existence of Stem Cells With Multiple Differentiation Abilities to Three Different Germ Lineages in Mouse Neurospheres. Stem Cells and Development, 2009, 18, 1433-1440.	1.1	7
63	Optimizing treatment of tauroursodeoxycholic acid to improve embryonic development after in vitro maturation of cumulus-free oocytes in mice. PLoS ONE, 2018, 13, e0202962.	1.1	7
64	Possible Role of ZPAC, Zygote-specific Proteasome Assembly Chaperone, During Spermatogenesis in the Mouse. Journal of Reproduction and Development, 2014, 60, 179-186.	0.5	7
65	Generation of progeny from embryonic stem cells by microinsemination of male germ cells from chimeric mice. Genesis, 2005, 43, 34-42.	0.8	6
66	Improvement of Mouse Cloning from Any Type of Cell by Nuclear Injection. Methods in Molecular Biology, 2019, 1874, 211-228.	0.4	6
67	Abnormal lysine acetylation with postovulatory oocyte aging. Reproductive Medicine and Biology, 2014, 13, 81-86.	1.0	5
68	Phenotypes of Aging Postovulatory Oocytes After Somatic Cell Nuclear Transfer in Mice. Cellular Reprogramming, 2016, 18, 147-153.	0.5	5
69	Effect of Long-Term Exposure of Donor Nuclei to the Oocyte Cytoplasm on Production of Cloned Mice Using Serial Nuclear Transfer. Cellular Reprogramming, 2016, 18, 382-389.	0.5	4
70	P35. Vitamin C does not enhance reprogramming after SCNT. Differentiation, 2010, 80, S28.	1.0	3
71	A novel transchromosomic system: stable maintenance of an engineered Mb-sized human genomic fragment translocated to a mouse chromosome terminal region. Transgenic Research, 2014, 23, 441-453.	1.3	3
72	Cloning of ES Cells and Mice by Nuclear Transfer. Methods in Molecular Biology, 2009, 530, 251-265.	0.4	2

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73	Generation of two-cell cloned embryos from mouse faecal cell. Scientific Reports, 2018, 8, 14922.	1.6	2
74	Enhancing SCNT with Chromatin Remodeling Agents. , 2014, , 137-148.		1
75	OOCYTE ACTIVATION BY STRONTIUM IN THE PRESENCE OF CALCIUM SUPPORTS FULL TERM DEVELOPMENT OF SOMATIC CELL CLONED EMBRYOS. Biology of Reproduction, 2007, 77, 163-163.	1.2	1
76	Cloning of Mice. , 2014, , 209-226.		0
77	Recovery of active recombinant EGFP from the excrement of transgenic mice: A possible source of recombinant protein. Biochemical and Biophysical Research Communications, 2018, 500, 817-823.	1.0	0
78	DD2-2, a Gonad-Specific Gene, Is Involved in the Formation of 20S Proteasome in Early Pre-Implantation Embryo.. Biology of Reproduction, 2009, 81, 341-341.	1.2	0
79	Oocyte Activation in Mice Using Strontium with Calcium-Selective Chelators.. Biology of Reproduction, 2009, 81, 627-627.	1.2	0
80	Characterization of GSE and GSE-Interacting Novel Gene, GIAP, in Primordial Germ Cells.. Biology of Reproduction, 2010, 83, 395-395.	1.2	0
81	Identification of a Gene Involved in the Degradation Machinery of Polyubiquitinated Proteins in Early Mouse Embryos.. Biology of Reproduction, 2010, 83, 73-73.	1.2	0
82	Using Somatic-Cell Nuclear Transfer to Study Aging. Methods in Molecular Biology, 2013, 1048, 109-126.	0.4	0
83	Abnormal behavior of lysine acetylation during one-cell stage mouse cloned embryos. Reproduction Abstracts, 0, , .	0.0	0
84	New cellular imaging of oocytes and preimplantation embryos using Lumiteinâ„¢: Evaluation of oocyte quality and new information on protein dynamics within the perivitelline space during the one-cell oocyte stage in mice. Journal of Reproduction and Development, 2020, 66, 155-161.	0.5	0
85	From lessons on the longâ€term effects of the preimplantation environment on later health to a â€œmodified ARTâ€DOHaDâ€•animal model. Reproductive Medicine and Biology, 2022, 21, .	1.0	0