Masahiro Kaneda

List of Publications by Year
in descending order

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72	5,796	218381	102304
papers	citations	26 h-index	66 g-index

73	73	73	6915
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Essential role for de novo DNA methyltransferase Dnmt3a in paternal and maternal imprinting. Nature, 2004, 429, 900-903.	13.7	1,242
2	Endogenous siRNAs from naturally formed dsRNAs regulate transcripts in mouse oocytes. Nature, 2008, 453, 539-543.	13.7	1,007
3	Maternal microRNAs are essential for mouse zygotic development. Genes and Development, 2007, 21, 644-648.	2.7	496
4	Role of the Dnmt3 family in de novo methylation of imprinted and repetitive sequences during male germ cell development in the mouse. Human Molecular Genetics, 2007, 16, 2272-2280.	1.4	472
5	MicroRNA Biogenesis Is Required for Mouse Primordial Germ Cell Development and Spermatogenesis. PLoS ONE, 2008, 3, e1738.	1.1	442
6	Maternal and zygotic Dnmt1 are necessary and sufficient for the maintenance of DNA methylation imprints during preimplantation development. Genes and Development, 2008, 22, 1607-1616.	2.7	396
7	Evidence of melatonin synthesis in the cumulus oocyte complexes and its role in enhancing oocyte maturation in vitro in cattle. Molecular Reproduction and Development, 2011, 78, 250-262.	1.0	156
8	Enhancement of lipid metabolism with L-carnitine during in vitro maturation improves nuclear maturation and cleavage ability of follicular porcine oocytes. Reproduction, Fertility and Development, 2011, 23, 912.	0.1	108
9	Genetic evidence for Dnmt3aâ€dependent imprinting during oocyte growth obtained by conditional knockout with Zp3â€Cre and complete exclusion of Dnmt3b by chimera formation. Genes To Cells, 2010, 15, 169-179.	0.5	97
10	Essential role for Argonaute2 protein in mouse oogenesis. Epigenetics and Chromatin, 2009, 2, 9.	1.8	95
11	Identification of the Imprinted KLF14 Transcription Factor Undergoing Human-Specific Accelerated Evolution. PLoS Genetics, 2007, 3, e65.	1.5	82
12	Supplementation of culture medium with L-carnitine improves development and cryotolerance of bovine embryos produced in vitro. Reproduction, Fertility and Development, 2013, 25, 589.	0.1	76
13	Establishment of a novel experimental model for muscleâ€invasive bladder cancer using a dog bladder cancer organoid culture. Cancer Science, 2019, 110, 2806-2821.	1.7	75
14	Hedgehog Signals Mediate Anti-Cancer Drug Resistance in Three-Dimensional Primary Colorectal Cancer Organoid Culture. International Journal of Molecular Sciences, 2018, 19, 1098.	1.8	72
15	Swing-Up Control for a 3-DOF Gymnastic Robot With Passive First Joint: Design and Analysis. , 2007, 23, 1277-1285.		70
16	Reversible Block of Mouse Neural Stem Cell Differentiation in the Absence of Dicer and MicroRNAs. PLoS ONE, 2010, 5, e13453.	1.1	65
17	Stochastic imprinting in the progeny of Dnmt3Lâˆ'/âˆ' females. Human Molecular Genetics, 2006, 15, 589-598.	1.4	60
18	Treatment with a Histone Deacetylase Inhibitor after Nuclear Transfer Improves the Preimplantation Development of Cloned Bovine Embryos. Journal of Reproduction and Development, 2011, 57, 120-126.	0.5	57

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19	Efficacy of primary liver organoid culture from different stages of non-alcoholic steatohepatitis (NASH) mouse model. Biomaterials, 2020, 237, 119823.	5.7	50
20	Evaluation of sperm DNA damage in bulls by TUNEL assay as a parameter of semen quality. Journal of Reproduction and Development, 2015, 61, 185-190.	0.5	36
21	De novo DNA methylation independent establishment of maternal imprint on X chromosome in mouse oocytes. Genesis, 2008, 46, 768-774.	0.8	35
22	Cytoskeletal Abnormalities in Relation with Meiotic Competence and Ageing in Porcine and Bovine Oocytes During in Vitro Maturation. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2011, 40, 335-344.	0.3	34
23	Establishment of 2.5D organoid culture model using 3D bladder cancer organoid culture. Scientific Reports, 2020, 10, 9393.	1.6	32
24	Role of De Novo DNA Methyltransferases in Initiation of Genomic Imprinting and X-Chromosome Inactivation. Cold Spring Harbor Symposia on Quantitative Biology, 2004, 69, 125-130.	2.0	30
25	The continuing quest to comprehend genomic imprinting. Cytogenetic and Genome Research, 2006, 113, 6-11.	0.6	29
26	Genomic imprinting in mammalsâ€"Epigenetic parental memories. Differentiation, 2011, 82, 51-56.	1.0	29
27	Anti-cancer activity of amorphous curcumin preparation in patient-derived colorectal cancer organoids. Biomedicine and Pharmacotherapy, 2021, 142, 112043.	2.5	29
28	Age-related changes in DNA methylation levels at CpG sites in bull spermatozoa and <i>in vitro</i> fertilization-derived blastocyst-stage embryos revealed by combined bisulfite restriction analysis. Journal of Reproduction and Development, 2019, 65, 305-312.	0.5	28
29	Anti-tumor effect of trametinib in bladder cancer organoid and the underlying mechanism. Cancer Biology and Therapy, 2021, 22, 357-371.	1.5	27
30	Transcriptomic signature of the follicular somatic compartment surrounding an oocyte with high developmental competence. Scientific Reports, 2017, 7, 6815.	1.6	22
31	Follicular Growth-Stimulated Cows Provide Favorable Oocytes for Producing Cloned Embryos. Cellular Reprogramming, 2012, 14, 29-37.	0.5	21
32	Production of Fertile Offspring from Oocytes Grown In Vitro by Nuclear Transfer in Cattle1. Biology of Reproduction, 2013, 89, 57.	1.2	21
33	Characteristics of Bovine Inner Cell Mass-Derived Cell Lines and Their Fate in Chimeric Conceptuses1. Biology of Reproduction, 2013, 89, 28.	1.2	21
34	DNA methylation analysis on satellite I region in blastocysts obtained from somatic cell cloned cattle. Animal Science Journal, 2011, 82, 523-530.	0.6	20
35	Reduced-Order Proper H_infty Controllers for Descriptor Systems: Existence Conditions and LMI-Based Design Algorithms. IEEE Transactions on Automatic Control, 2008, 53, 1253-1258.	3.6	18
36	A sensitive multiplex assay for piRNA expression. Biochemical and Biophysical Research Communications, 2008, 369, 1190-1194.	1.0	17

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37	Strategies to Improve the Efficiency of Somatic Cell Nuclear Transfer. International Journal of Molecular Sciences, 2022, 23, 1969.	1.8	16
38	A Design of PID Controllers Using a Genetic Algorithm. Transactions of the Society of Instrument and Control Engineers, 1999, 35, 531-537.	0.1	15
39	Downregulation of Histone Methyltransferase Genes <i>SUV39H1</i> and <i>SUV39H2</i> Increases Telomere Length in Embryonic Stem-like Cells and Embryonic Fibroblasts in Pigs. Journal of Reproduction and Development, 2013, 59, 27-32.	0.5	14
40	Establishment of Intestinal Organoid from Rousettus leschenaultii and the Susceptibility to Bat-Associated Viruses, SARS-CoV-2 and Pteropine Orthoreovirus. International Journal of Molecular Sciences, 2021, 22, 10763.	1.8	14
41	Influence of Intergeneric/Interspecies Mitochondrial Injection; Parthenogenetic Development of Bovine Oocytes after Injection of Mitochondria Derived from Somatic Cells. Journal of Reproduction and Development, 2012, 58, 323-329.	0.5	13
42	Epigenetic analysis of bovine parthenogenetic embryonic fibroblasts. Journal of Reproduction and Development, 2017, 63, 365-375.	0.5	12
43	The Effect of Ovary Storage and In Vitro Maturation on mRNA Levels in Bovine Oocytes; A Possible Impact of Maternal ATP1A1 on Blastocyst Development in Slaughterhouse-derived Oocytes. Journal of Reproduction and Development, 2011, 57, 723-730.	0.5	11
44	Differentially methylated CpG sites in bull spermatozoa revealed by human DNA methylation arrays and bisulfite analysis. Journal of Reproduction and Development, 2017, 63, 279-287.	0.5	10
45	Differentially methylated CpG sites related to fertility in Japanese Black bull spermatozoa: epigenetic biomarker candidates to predict sire conception rate. Journal of Reproduction and Development, 2021, 67, 99-107.	0.5	10
46	Establishment of an experimental model of normal dog bladder organoid using a three-dimensional culture method. Biomedicine and Pharmacotherapy, 2022, 151, 113105.	2.5	10
47	Comparison of DNA methylation levels of repetitive loci during bovine development. BMC Proceedings, 2011, 5, S3.	1.8	9
48	A microwell culture system that allows group culture and is compatible with human single media. Journal of Assisted Reproduction and Genetics, 2018, 35, 1869-1880.	1.2	9
49	Development of single blastomeres derived from two-cell embryos produced in vitro in pigs. Theriogenology, 2011, 76, 88-96.	0.9	8
50	Age-related changes in gene expression of the growth hormone secretagogue and growth hormone-releasing hormone receptors in Holstein-Friesian cattle. Domestic Animal Endocrinology, 2012, 42, 83-93.	0.8	8
51	Effects of Trichostatin A on <i>In Vitro</i> Development and DNA Methylation Level of the Satellite I Region of Swamp Buffalo (<i>Bubalus bubalis</i>) Cloned Embryos. Journal of Reproduction and Development, 2014, 60, 336-341.	0.5	7
52	A Comparative Study of the Effect of Anatomical Site on Multiple Differentiation of Adipose-Derived Stem Cells in Rats. Cells, 2021, 10, 2469.	1.8	7
53	A Design of PID Controllers Using a Genetic Algorithm. Transactions of the Society of Instrument and Control Engineers, 2000, 36, 75-81.	0.1	7
54	Self-Tuning PID Control of Polybutene Process.. Kagaku Kogaku Ronbunshu, 2000, 26, 437-442.	0.1	6

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55	Telomere Elongation During Morula-to-Blastocyst Transition in Cloned Porcine Embryos. Cellular Reprogramming, 2012, 14, 514-519.	0.5	6
56	DNA methylation inhibitor causes cell growth retardation and gene expression changes in feline lymphoma cells. Journal of Veterinary Medical Science, 2017, 79, 1352-1358.	0.3	6
57	A design scheme of discrete robust PID control systems and its application. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 1999, 128, 77-83.	0.2	4
58	Outcomes of endoscopic endonasal dacryocystorhinostomy for intractable lacrimal dacryostenosis and associated factors. International Journal of Ophthalmology, 2016, 9, 1471-1475.	0.5	4
59	A Design of Self-Tuning PID Controllers Fused with a Neural Network. Transactions of the Society of Instrument and Control Engineers, 1998, 34, 682-688.	0.1	4
60	Self-Tuning PID Control of a Polybutene Process. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 103-108.	0.4	3
61	Lacrimal dacryostenosis with severe facial pain misdiagnosed as trigeminal neuralgia. Auris Nasus Larynx, 2012, 39, 233-235.	0.5	3
62	Proper reprogramming of imprinted and nonâ€imprinted genes in cloned cattle gametogenesis. Animal Science Journal, 2017, 88, 1678-1685.	0.6	3
63	Design and Experimental Evaluation of Self-Tuning PID Controller Using Evolutionary Computation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 553-558.	0.4	2
64	Swing-up Control Based on Virtually Composite Links for an n-Link Underactuated Robot with Passive First Joint. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 7672-7677.	0.4	2
65	Naloxone increases maturation rate and ratio of inner cell mass to total cells in blastocysts in pigs. Animal Science Journal, 2013, 84, 765-773.	0.6	2
66	Heterogeneity of adipose stromal vascular fraction cells from the different harvesting sites in rats. Anatomical Record, 2022, , .	0.8	2
67	Reduced-order proper H<inf>∞</inf> controllers for descriptor systems: Existence conditions and LMI-based design algorithms. , 2007, , .		1
68	Evaluation of the Safety and Feasibility of Apheresis in Dogs: For Application in Metastatic Cancer Research. Animals, 2021, 11, 2770.	1.0	1
69	A Design of Intelligent Control Systems Constructed by CMACS Using the Lagrangian Interpolation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 249-254.	0.4	0
70	A Discrete Simple Adaptive Controller and its Application. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 317-322.	0.4	0
71	Polymorphism of rRNA Gene Loci in the Dog. Journal of Veterinary Medical Science, 2011, 73, 475-477.	0.3	0
72	Effects of the Timing of Cumulus Cell Removal from Bovine Oocytes on Enucleation Rate and Subsequent Development after Somatic Cell Nuclear Transfer. Journal of Reproduction and Development, 2012, 58, 615-619.	0.5	0