

Masahiro Kaneda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7497034/publications.pdf>

Version: 2024-02-01

72
papers

5,796
citations

218677

26
h-index

102487

66
g-index

73
all docs

73
docs citations

73
times ranked

6915
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential role for de novo DNA methyltransferase Dnmt3a in paternal and maternal imprinting. <i>Nature</i> , 2004, 429, 900-903.	27.8	1,242
2	Endogenous siRNAs from naturally formed dsRNAs regulate transcripts in mouse oocytes. <i>Nature</i> , 2008, 453, 539-543.	27.8	1,007
3	Maternal microRNAs are essential for mouse zygotic development. <i>Genes and Development</i> , 2007, 21, 644-648.	5.9	496
4	Role of the Dnmt3 family in de novo methylation of imprinted and repetitive sequences during male germ cell development in the mouse. <i>Human Molecular Genetics</i> , 2007, 16, 2272-2280.	2.9	472
5	MicroRNA Biogenesis Is Required for Mouse Primordial Germ Cell Development and Spermatogenesis. <i>PLoS ONE</i> , 2008, 3, e1738.	2.5	442
6	Maternal and zygotic Dnmt1 are necessary and sufficient for the maintenance of DNA methylation imprints during preimplantation development. <i>Genes and Development</i> , 2008, 22, 1607-1616.	5.9	396
7	Evidence of melatonin synthesis in the cumulus oocyte complexes and its role in enhancing oocyte maturation in vitro in cattle. <i>Molecular Reproduction and Development</i> , 2011, 78, 250-262.	2.0	156
8	Enhancement of lipid metabolism with L-carnitine during in vitro maturation improves nuclear maturation and cleavage ability of follicular porcine oocytes. <i>Reproduction, Fertility and Development</i> , 2011, 23, 912.	0.4	108
9	Genetic evidence for Dnmt3a-dependent imprinting during oocyte growth obtained by conditional knockout with <i>Zp3-Cre</i> and complete exclusion of Dnmt3b by chimera formation. <i>Genes To Cells</i> , 2010, 15, 169-179.	1.2	97
10	Essential role for Argonaute2 protein in mouse oogenesis. <i>Epigenetics and Chromatin</i> , 2009, 2, 9.	3.9	95
11	Identification of the Imprinted KLF14 Transcription Factor Undergoing Human-Specific Accelerated Evolution. <i>PLoS Genetics</i> , 2007, 3, e65.	3.5	82
12	Supplementation of culture medium with L-carnitine improves development and cryotolerance of bovine embryos produced in vitro. <i>Reproduction, Fertility and Development</i> , 2013, 25, 589.	0.4	76
13	Establishment of a novel experimental model for muscle-invasive bladder cancer using a dog bladder cancer organoid culture. <i>Cancer Science</i> , 2019, 110, 2806-2821.	3.9	75
14	Hedgehog Signals Mediate Anti-Cancer Drug Resistance in Three-Dimensional Primary Colorectal Cancer Organoid Culture. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1098.	4.1	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. <i>PLoS ONE</i> , 2010, 5, e13453.	2.5	65
17	Stochastic imprinting in the progeny of Dnmt3L ^{-/-} females. <i>Human Molecular Genetics</i> , 2006, 15, 589-598.	2.9	60
18	Treatment with a Histone Deacetylase Inhibitor after Nuclear Transfer Improves the Preimplantation Development of Cloned Bovine Embryos. <i>Journal of Reproduction and Development</i> , 2011, 57, 120-126.	1.4	57

#	ARTICLE	IF	CITATIONS
19	Efficacy of primary liver organoid culture from different stages of non-alcoholic steatohepatitis (NASH) mouse model. <i>Biomaterials</i> , 2020, 237, 119823.	11.4	50
20	Evaluation of sperm DNA damage in bulls by TUNEL assay as a parameter of semen quality. <i>Journal of Reproduction and Development</i> , 2015, 61, 185-190.	1.4	36
21	<i>De novo</i> DNA methylation independent establishment of maternal imprint on X chromosome in mouse oocytes. <i>Genesis</i> , 2008, 46, 768-774.	1.6	35
22	Cytoskeletal Abnormalities in Relation with Meiotic Competence and Ageing in Porcine and Bovine Oocytes During <i>In Vitro</i> Maturation. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2011, 40, 335-344.	0.7	34
23	Establishment of 2.5D organoid culture model using 3D bladder cancer organoid culture. <i>Scientific Reports</i> , 2020, 10, 9393.	3.3	32
24	Role of <i>De Novo</i> DNA Methyltransferases in Initiation of Genomic Imprinting and X-Chromosome Inactivation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2004, 69, 125-130.	1.1	30
25	The continuing quest to comprehend genomic imprinting. <i>Cytogenetic and Genome Research</i> , 2006, 113, 6-11.	1.1	29
26	Genomic imprinting in mammals—Epigenetic parental memories. <i>Differentiation</i> , 2011, 82, 51-56.	1.9	29
27	Anti-cancer activity of amorphous curcumin preparation in patient-derived colorectal cancer organoids. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112043.	5.6	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. <i>Journal of Reproduction and Development</i> , 2019, 65, 305-312.	1.4	28
29	Anti-tumor effect of trametinib in bladder cancer organoid and the underlying mechanism. <i>Cancer Biology and Therapy</i> , 2021, 22, 357-371.	3.4	27
30	Transcriptomic signature of the follicular somatic compartment surrounding an oocyte with high developmental competence. <i>Scientific Reports</i> , 2017, 7, 6815.	3.3	22
31	Follicular Growth-Stimulated Cows Provide Favorable Oocytes for Producing Cloned Embryos. <i>Cellular Reprogramming</i> , 2012, 14, 29-37.	0.9	21
32	Production of Fertile Offspring from Oocytes Grown <i>In Vitro</i> by Nuclear Transfer in Cattle. <i>Biology of Reproduction</i> , 2013, 89, 57.	2.7	21
33	Characteristics of Bovine Inner Cell Mass-Derived Cell Lines and Their Fate in Chimeric Conceptuses. <i>Biology of Reproduction</i> , 2013, 89, 28.	2.7	21
34	DNA methylation analysis on satellite I region in blastocysts obtained from somatic cell cloned cattle. <i>Animal Science Journal</i> , 2011, 82, 523-530.	1.4	20
35	Reduced-Order Proper H_∞ Controllers for Descriptor Systems: Existence Conditions and LMI-Based Design Algorithms. <i>IEEE Transactions on Automatic Control</i> , 2008, 53, 1253-1258.	5.7	18
36	A sensitive multiplex assay for piRNA expression. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 1190-1194.	2.1	17

#	ARTICLE	IF	CITATIONS
37	Strategies to Improve the Efficiency of Somatic Cell Nuclear Transfer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1969.	4.1	16
38	A Design of PID Controllers Using a Genetic Algorithm. <i>Transactions of the Society of Instrument and Control Engineers</i> , 1999, 35, 531-537.	0.2	15
39	Downregulation of Histone Methyltransferase Genes <i>&lt;i>SUV39H1</i> and <i>&lt;i>SUV39H2</i> Increases Telomere Length in Embryonic Stem-like Cells and Embryonic Fibroblasts in Pigs. <i>Journal of Reproduction and Development</i> , 2013, 59, 27-32.	1.4	14
40	Establishment of Intestinal Organoid from <i>Rousettus leschenaultii</i> and the Susceptibility to Bat-Associated Viruses, SARS-CoV-2 and Pteropine Orthoreovirus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10763.	4.1	14
41	Influence of Intergeneric/Interspecies Mitochondrial Injection; Parthenogenetic Development of Bovine Oocytes after Injection of Mitochondria Derived from Somatic Cells. <i>Journal of Reproduction and Development</i> , 2012, 58, 323-329.	1.4	13
42	Epigenetic analysis of bovine parthenogenetic embryonic fibroblasts. <i>Journal of Reproduction and Development</i> , 2017, 63, 365-375.	1.4	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. <i>Journal of Reproduction and Development</i> , 2011, 57, 723-730.	1.4	11
44	Differentially methylated CpG sites in bull spermatozoa revealed by human DNA methylation arrays and bisulfite analysis. <i>Journal of Reproduction and Development</i> , 2017, 63, 279-287.	1.4	10
45	Differentially methylated CpG sites related to fertility in Japanese Black bull spermatozoa: epigenetic biomarker candidates to predict sire conception rate. <i>Journal of Reproduction and Development</i> , 2021, 67, 99-107.	1.4	10
46	Establishment of an experimental model of normal dog bladder organoid using a three-dimensional culture method. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113105.	5.6	10
47	Comparison of DNA methylation levels of repetitive loci during bovine development. <i>BMC Proceedings</i> , 2011, 5, S3.	1.6	9
48	A microwell culture system that allows group culture and is compatible with human single media. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1869-1880.	2.5	9
49	Development of single blastomeres derived from two-cell embryos produced in vitro in pigs. <i>Theriogenology</i> , 2011, 76, 88-96.	2.1	8
50	Age-related changes in gene expression of the growth hormone secretagogue and growth hormone-releasing hormone receptors in Holstein-Friesian cattle. <i>Domestic Animal Endocrinology</i> , 2012, 42, 83-93.	1.6	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. <i>Journal of Reproduction and Development</i> , 2014, 60, 336-341.	1.4	7
52	A Comparative Study of the Effect of Anatomical Site on Multiple Differentiation of Adipose-Derived Stem Cells in Rats. <i>Cells</i> , 2021, 10, 2469.	4.1	7
53	A Design of PID Controllers Using a Genetic Algorithm. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2000, 36, 75-81.	0.2	7
54	Self-Tuning PID Control of Polybutene Process.. <i>Kagaku Kogaku Ronbunshu</i> , 2000, 26, 437-442.	0.3	6

#	ARTICLE	IF	CITATIONS
55	Telomere Elongation During Morula-to-Blastocyst Transition in Cloned Porcine Embryos. Cellular Reprogramming, 2012, 14, 514-519.	0.9	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.	0.9	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.	0.4	4
58	Outcomes of endoscopic endonasal dacryocystorhinostomy for intractable lacrimal dacryostenosis and associated factors. International Journal of Ophthalmology, 2016, 9, 1471-1475.	1.1	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.	0.2	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.	1.2	3
62	Proper reprogramming of imprinted and non-imprinted genes in cloned cattle gametogenesis. Animal Science Journal, 2017, 88, 1678-1685.	1.4	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.	1.4	2
66	Heterogeneity of adipose stromal vascular fraction cells from the different harvesting sites in rats. Anatomical Record, 2022, , .	1.4	2
67	Reduced-order proper H _∞ 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.	2.3	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.	0.9	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.	1.4	0