Tomohiro Kono

List of Publications by Year
in descending order

70 papers	2,553 citations	430874 18 h-index	197818 49 g-index
72 all docs	72 docs citations	72 times ranked	2854 citing authors

#	Article	IF	Citations
1	Disruption of piRNA machinery by deletion of ASZ1/GASZ results in the expression of aberrant chimeric transcripts in gonocytes. Journal of Reproduction and Development, 2022, 68, 125-136.	1.4	2
2	Paternal age affects offspring via an epigenetic mechanism involving REST/NRSF. EMBO Reports, 2021, 22, e51524.	4.5	38
3	Genetic diversity of Japanese quail cathelicidins. Poultry Science, 2021, 100, 101046.	3.4	2
4	Progesterone depletion results in Lamin B1 loss and induction of cell death in mouse trophoblast giant cells. PLoS ONE, 2021, 16, e0254674.	2.5	3
5	Deciphering two rounds of cell lineage segregations during bovine preimplantation development. FASEB Journal, 2021, 35, e21904.	0.5	14
6	Analysis of the Diversity of the AvBD Gene Region in Japanese Quail. Journal of Heredity, 2020, 111, 436-443.	2.4	1
7	Next-Generation Sequencing Reveals Downregulation of the Wnt Signaling Pathway in Human Dysmature Cumulus Cells as a Hallmark for Evaluating Oocyte Quality. Reproductive Medicine, 2020, 1, 205-215.	1.1	5
8	Distinct cell proliferation, myogenic differentiation, and gene expression in skeletal muscle myoblasts of layer and broiler chickens. Scientific Reports, 2019, 9, 16527.	3.3	31
9	Sex-specific histone modifications in mouse fetal and neonatal germ cells. Epigenomics, 2019, 11, 543-561.	2.1	15
10	Ectopic expression of DNA methyltransferases DNMT3A2 and DNMT3L leads to aberrant hypermethylation and postnatal lethality in mice. Molecular Reproduction and Development, 2019, 86, 614-623.	2.0	7
11	Signs of biological activities of 28,000-year-old mammoth nuclei in mouse oocytes visualized by live-cell imaging. Scientific Reports, 2019, 9, 4050.	3.3	25
12	The Differentiation Potency of Trophoblast Stem Cells from Mouse Androgenetic Embryos. Stem Cells and Development, 2019, 28, 290-302.	2.1	5
13	XY oocytes of sex-reversed females with a Sry mutation deviate from the normal developmental process beyond the mitotic stageâ€. Biology of Reproduction, 2019, 100, 697-710.	2.7	5
14	SETDB1 is essential for mouse primordial germ cell fate determination by ensuring BMP signaling. Development (Cambridge), 2018, 145, .	2.5	17
15	DNMTs and SETDB1 function as co-repressors in MAX-mediated repression of germ cellâ€"related genes in mouse embryonic stem cells. PLoS ONE, 2018, 13, e0205969.	2.5	16
16	Relationship between PIWIL4-Mediated H3K4me2 Demethylation and piRNA-Dependent DNA Methylation. Cell Reports, 2018, 25, 350-356.	6.4	20
17	Repression of Somatic Genes by Selective Recruitment of HDAC3 by BLIMP1 Is Essential for Mouse Primordial Germ Cell Fate Determination. Cell Reports, 2018, 24, 2682-2693.e6.	6.4	14
18	Comparative transcriptome analysis of rumen papillae in suckling and weaned Japanese Black calves using RNA sequencing. Journal of Animal Science, 2018, 96, 2226-2237.	0.5	31

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19	LTR retrotransposons transcribed in oocytes drive species-specific and heritable changes in DNA methylation. Nature Communications, 2018, 9, 3331.	12.8	65
20	Growing oocyte-specific transcription-dependent de novo DNA methylation at the imprinted Zrsr1-DMR. Epigenetics and Chromatin, 2018, 11, 28.	3.9	19
21	Characterization of the cathelicidin cluster in the Japanese quail (<scp><i>Coturnix) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 66	1.4	7
22	Overexpression of microRNAs from the Gtl2-Rian locus contributes to postnatal death in mice. Human Molecular Genetics, 2017, 26, 3653-3662.	2.9	15
23	Genetic Divergence in Domestic Japanese Quail Inferred from Mitochondrial DNA D-Loop and Microsatellite Markers. PLoS ONE, 2017, 12, e0169978.	2.5	13
24	Requirement for nuclear autoantigenic sperm protein mRNA expression in bovine preimplantation development. Animal Science Journal, 2016, 87, 457-461.	1.4	9
25	Characterization and expression of nonâ€polymorphic liver expressed antimicrobial peptide 2: LEAPâ€2 in the Japanese quail, <i>Coturnix japonica</i>. Animal Science Journal, 2016, 87, 1182-1187.	1.4	6
26	DNA Methylation Errors in Cloned Mouse Sperm by Germ Line Barrier Evasion1. Biology of Reproduction, 2016, 94, 128.	2.7	12
27	An evolutionary insight into the hatching strategies of pipefish and seahorse embryos. , 2016, 326, 125-135.		10
28	Effect of a single polymorphism in the Japanese quail NKâ€lysin gene on antimicrobial activity. Animal Science Journal, 2016, 87, 143-146.	1.4	5
29	Complete in vitro generation of fertile oocytes from mouse primordial germ cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9021-9026.	7.1	148
30	Repetitive DNA methylome analysis by smallâ€scale and singleâ€cell shotgun bisulfite sequencing. Genes To Cells, 2016, 21, 1209-1222.	1.2	12
31	Basic characterization of avian Î²â€defensin genes in the Japanese quail, <i>Coturnix japonica</i>. Animal Science Journal, 2016, 87, 311-320.	1.4	7
32	Genetic features of red and green junglefowls and relationship with Indonesian native chickens Sumatera and Kedu Hitam. BMC Genomics, 2016, 17, 320.	2.8	40
33	The Dlk1-Gtl2 Locus Preserves LT-HSC Function by Inhibiting the PI3K-mTOR Pathway to Restrict Mitochondrial Metabolism. Cell Stem Cell, 2016, 18, 214-228.	11.1	149
34	Complete mitochondrial genomes of the tooth of a poached Bornean banteng (Bos javanicus lowi;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2453-2454.	0.7	6
35	Sex Specification and Heterogeneity of Primordial Germ Cells in Mice. PLoS ONE, 2015, 10, e0144836.	2.5	17
36	Phosphorus-insufficient maternal milk is associated with ectopic expression of collagen I and female-specific bony changes in infant mouse cartilages. Regenerative Therapy, 2015, 1, 5-10.	3.0	2

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37	DNA methylation and gene expression dynamics during spermatogonial stem cell differentiation in the early postnatal mouse testis. BMC Genomics, 2015, 16, 624.	2.8	112
38	Comprehensive DNA Methylation Analysis of Retrotransposons in Male Germ Cells. Cell Reports, 2015, 12, 1541-1547.	6.4	18
39	Forced expression of DNA methyltransferases during oocyte growth accelerates the establishment of methylation imprints but not functional genomic imprinting. Human Molecular Genetics, 2014, 23, 3853-3864.	2.9	23
40	First molecular data on Bornean banteng Bos javanicus lowi (Cetartiodactyla, Bovidae) from Sabah, Malaysian Borneo. Mammalia, 2014, 78, .	0.7	3
41	Mitochondrial dynamics controlled by mitofusins define organelle positioning and movement during mouse oocyte maturation. Molecular Human Reproduction, 2014, 20, 1090-1100.	2.8	67
42	High-resolution DNA methylome analysis of primordial germ cells identifies gender-specific reprogramming in mice. Genome Research, 2013, 23, 616-627.	5.5	239
43	Genetic modification for bimaternal embryo development. Reproduction, Fertility and Development, 2009, 21, 31.	0.4	10
44	The Role of Parental-Specific Methylation Imprint on Mammalian Development.. Biology of Reproduction, 2008, 78, 272-272.	2.7	0
45	Birth of parthenogenetic mice that can develop to adulthood. Nature, 2004, 428, 860-864.	27.8	477
46	Mouse Parthenogenetic Embryos with Monoallelic H19 Expression Can Develop to Day 17.5 of Gestation. Developmental Biology, 2002, 243, 294-300.	2.0	49
47	Cloned Mice from Fetal Fibroblast Cells Arrested at Metaphase by a Serial Nuclear Transfer1. Biology of Reproduction, 2001, 64, 44-50.	2.7	206
48	Determination by Real-Time RT-PCR of Imprinted Expression of the Insulin-Like Growth Factor II (Igf2) Gene in Mouse Uniparental Fetuses.. Journal of Reproduction and Development, 2001, 47, 139-144.	1.4	2
49	The paternal methylation imprint of the mouse <i>H19</i> locus is acquired in the gonocyte stage during foetal testis development. Genes To Cells, 2000, 5, 649-659.	1.2	188
50	DNA Synthesis in Mouse 1-Cell Embryos Containing Transferred Nuclei.. Journal of Reproduction and Development, 1998, 44, 113-120.	1.4	2
51	Production of Live Young by Serial Nuclear Transfer with Mitotic Stages of Donor Nuclei in Mice.. Journal of Reproduction and Development, 1997, 43, 25-31.	1.4	5
52	Production of Clone Mice by Nuclear Transfer. Journal of Reproduction and Development, 1997, 43, j107-j112.	1.4	0
53	Epigenetic modifications during oocyte growth correlates with extended parthenogenetic development in the mouse. Nature Genetics, 1996, 13, 91-94.	21.4	247
54	Activation of Mouse Oocytes by Transferring a Nucleus from Fertilized Embryos.. Journal of Reproduction and Development, 1996, 42, 179-184.	1.4	1

#	Article	IF	Citations
55	Crowing Characteristics of Jungle Fowls, Japanese Native Breeds and White Leghorn Breed of Chicken.. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1996, 33, 89-95.	0.3	4
56	Development of androgenetic mouse embryos produced by in vitro fertilization of enucleated oocytes. Molecular Reproduction and Development, 1993, 34, 43-46.	2.0	60
57	Thymocyte Transfer to Enucleated Oocytes in the Mouse.. Journal of Reproduction and Development, 1993, 39, 301-307.	1.4	15
58	Studies on Nuclear Transfer in Mice. Journal of Reproduction and Development, 1993, 39, j67-j75.	1.4	1
59	Effects of Aging in Vivo and in Vitro and Cytoskeletal Inhibitors on the Parthenogenetic Activation of Mouse Oocytes.. The Japanese Journal of Animal Reproduction, 1991, 37, 251-256.	0.2	3
60	Development of mouse half embryos produced by micromanipulation at two-cell stage.. The Japanese Journal of Animal Reproduction, 1990, 36, 164-170.	0.2	1
61	Development of chimaeras produced from highly asynchronous mouse embryos using nuclear transfer technique.. The Japanese Journal of Animal Reproduction, 1989, 35, 68-74.	0.2	2
62	Sexing rate and developmental ability of bovine two- to eight-cell stage embryos split by treatment with pronase.. The Japanese Journal of Animal Reproduction, 1989, 35, 147-153.	0.2	0
63	The relationship between plasma concentrations of progesterone, estradiol and testosterone and the ages of first egg laying in maturing pullets.. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1988, 25, 86-92.	0.3	4
64	Pattern of nesting behavior and changes in the plasma concentrations of sex steroid hormones in Gifujidori hens during the period between hatching their incubated eggs and the onset of laying.. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1988, 25, 128-135.	0.3	1
65	New methods for the recovery of oocytes from bovine ovarian tissue in relation to in vitro maturation and fertilization.. The Japanese Journal of Animal Reproduction, 1987, 33, 188-192.	0.2	9
66	Changes in plasma concentrations of progesterone, testosterone and estradiol during moulting period in the Gifujidori hens, native Japanese chicken.. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1986, 23, 104-107.	0.3	1
67	Nesting behavior and changes in plasma concentrations of progesterone, testosterone and estradiol in the native Japanese bred of chicken, Gifujidori (Gallus domesticus).. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1985, 22, 64-72.	0.3	5
68	Annual variations in semen volume, sperm concentration, copulatory organ size and plasma concentration of testosterone in male Guinea fowls (Numida Meleagris).. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1985, 22, 113-119.	0.3	3
69	Seasonal Variations in Plasma Concentrations of Progestreone, Estradiol and Testosterone in Japanese Native Breed of Chicken, Gifujidori. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1982, 19, 292-299.	0.3	2
70	Effects of Stalk Section and Castration on the Anterior Pituitary PRL Levels in Cockerels. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1979, 16, 359-361.	0.3	0