Tomoko Kaneko-Ishino

List of Publications by Year
in descending order

34	2,589	304368 22	414034 32
papers	citations	h-index	g-index

39	39	39	2799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deletion of Peg10, an imprinted gene acquired from a retrotransposon, causes early embryonic lethality. Nature Genetics, 2006, 38, 101-106.	9.4	376
2	Identification of an imprinted gene, Meg3 /Gtl2 and its human homologue MEG3 , first mapped on mouse distal chromosome 12 and human chromosome 14q. Genes To Cells, 2000, 5, 211-220.	0.5	343
3	Role of retrotransposon-derived imprinted gene, Rtl1, in the feto-maternal interface of mouse placenta. Nature Genetics, 2008, 40, 243-248.	9.4	300
4	A Retrotransposon-Derived Gene, PEG10, Is a Novel Imprinted Gene Located on Human Chromosome 7q21. Genomics, 2001, 73, 232-237.	1.3	236
5	Retrotransposon Silencing by DNA Methylation Can Drive Mammalian Genomic Imprinting. PLoS Genetics, 2007, 3, e55.	1.5	181
6	Imprinting regulation of the murine Meg1/Grb10 and human GRB10 genes; roles of brain-specific promoters and mouse-specific CTCF-binding sites. Nucleic Acids Research, 2003, 31, 1398-1406.	6.5	105
7	MousePeg9/Dlk1and humanPEG9/DLK1are paternally expressed imprinted genes closely located to the maternally expressed imprinted genes: mouseMeg3/Gtl2and humanMEG3. Genes To Cells, 2000, 5, 1029-1037.	0.5	102
8	The Regulation and Biological Significance of Genomic Imprinting in Mammals. Journal of Biochemistry, 2003, 133, 699-711.	0.9	95
9	The role of genes domesticated from LTR retrotransposons and retroviruses in mammals. Frontiers in Microbiology, 2012, 3, 262.	1.5	82
10	Tumour suppressor activity of human imprinted gene PEG3 in a glioma cell line. Genes To Cells, 2001, 6, 237-247.	0.5	78
11	Meg1/Grb10 overexpression causes postnatal growth retardation and insulin resistance via negative modulation of the IGF1R and IR cascades. Biochemical and Biophysical Research Communications, 2005, 329, 909-916.	1.0	70
12	Paternal deletion of Meg1/Grb10 DMR causes maternalization of the Meg1/Grb10 cluster in mouse proximal Chromosome 11 leading to severe pre- and postnatal growth retardation. Human Molecular Genetics, 2009, 18, 1424-1438.	1.4	64
13	A trans-homologue interaction between reciprocally imprinted miR-127 and Rtl1 regulates placenta development. Development (Cambridge), 2015, 142, 2425-30.	1.2	62
14	Sirh7/Ldoc1knockout mice exhibit placental P4 overproduction and delayed parturition. Development (Cambridge), 2014, 141, 4763-4771.	1.2	59
15	Severe damage to the placental fetal capillary network causes midâ€•to late fetal lethality and reduction in placental size in Peg11/Rtl1<scp>KO</scp> mice. Genes To Cells, 2017, 22, 174-188.	0.5	46
16	Induction of the G2/M transition stabilizes haploid embryonic stem cells. Development (Cambridge), 2014, 141, 3842-3847.	1.2	45
17	Double strand break repair by capture of retrotransposon sequences and reverse-transcribed spliced mRNA sequences in mouse zygotes. Scientific Reports, 2015, 5, 12281.	1.6	45
18	Retrotransposon silencing by DNA methylation contributed to the evolution of placentation and genomic imprinting in mammals. Development Growth and Differentiation, 2010, 52, 533-543.	0.6	42

#	Article	IF	Citations
19	Cognitive Function Related to the Sirh11/Zcchc16 Gene Acquired from an LTR Retrotransposon in Eutherians. PLoS Genetics, 2015, 11, e1005521.	1.5	37
20	Active DNA demethylation is required for complete imprint erasure in primordial germ cells. Scientific Reports, 2014, 4, 3658.	1.6	33
21	Mammalian-specific genomic functions: Newly acquired traits generated by genomic imprinting and LTR retrotransposon-derived genes in mammals. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2015, 91, 511-538.	1.6	32
22	No evidence ofPEG1/MEST gene mutations in Silver-Russell syndrome patients. American Journal of Medical Genetics Part A, 2001, 104, 225-231.	2.4	31
23	Identification of tammar wallaby SIRH12, derived from a marsupial-specific retrotransposition event. DNA Research, 2011, 18, 211-219.	1.5	23
24	The role of eutherianâ€specific RTL1 in the nervous system and its implications for the Kagamiâ€Ogata and Temple syndromes. Genes To Cells, 2021, 26, 165-179.	0.5	23
25	Deficiency and overexpression of Rtl1 in the mouse cause distinct muscle abnormalities related to Temple and Kagami-Ogata syndromes. Development (Cambridge), 2020, 147, .	1.2	20
26	Identification of a Novel PNMA-MS1 Gene in Marsupials Suggests the LTR Retrotransposon-Derived PNMA Genes Evolved Differently in Marsupials and Eutherians. DNA Research, 2013, 20, 425-436.	1.5	13
27	An LTR Retrotransposon-Derived Gene Displays Lineage-Specific Structural and Putative Species-Specific Functional Variations in Eutherians. Frontiers in Chemistry, 2016, 4, 26.	1.8	13
28	The Evolutionary Advantage in Mammals of the Complementary Monoallelic Expression Mechanism of Genomic Imprinting and Its Emergence From a Defense Against the Insertion Into the Host Genome. Frontiers in Genetics, 2022, 13, 832983.	1.1	13
29	Evolution of viviparity in mammals: what genomic imprinting tells us about mammalian placental evolution. Reproduction, Fertility and Development, 2019, 31, 1219.	0.1	12
30	HERV-Derived Ervpb1 Is Conserved in Simiiformes, Exhibiting Expression in Hematopoietic Cell Lineages Including Macrophages. International Journal of Molecular Sciences, 2021, 22, 4504.	1.8	2
31	PEG10 viral aspartic protease domain is essential for the maintenance of fetal capillary structure in the mouse placenta. Development (Cambridge), 2021, 148, .	1.2	1
32	cDNA library construction and gene subtraction from a limited amount of biological materials.. Seibutsu Butsuri, 1998, 38, 170-173.	0.0	0
33	Mammalian-Specific Traits Generated by LTR Retrotransposon-Derived SIRH Genes. , 2017, , 129-145.		0
34	Cooperation and Competition in Mammalian Evolution. , 2019, , 317-333.		0