Keiji Tanimoto

List of Publications by Year
in descending order

58 papers	2,526 citations	249298 26 h-index	223390 49 g-index
60 all docs	60 docs citations	60 times ranked	2730 citing authors

#	ARTICLE	IF	CITATIONS
1	Transient establishment of imprinted DNA methylation of transgenic human IC1 sequence in mouse during the preimplantation period. Human Molecular Genetics, 2021, 29, 3646-3661.	1.4	2
2	Orientation of mouse H19 ICR affects imprinted H19 gene expression through promoter methylation-dependent and -independent mechanisms. Communications Biology, 2021, 4, 1410.	2.0	3
3	Recapitulation of gametic DNA methylation and its post-fertilization maintenance with reassembled DNA elements at the mouse Igf2/H19 locus. Epigenetics and Chromatin, 2020, 13, 2.	1.8	10
4	Transvection-like interchromosomal interaction is not observed at the transcriptional level when tested in the Rosa26 locus in mouse. PLoS ONE, 2019, 14, e0203099.	1.1	2
5	Homeostatic Response of Mouse renin Gene Transcription in a Hypertensive Environment Is Mediated by a Novel 5â€² Enhancer. Molecular and Cellular Biology, 2018, 38, .	1.1	2
6	Synthetic DNA fragments bearing ICR cis elements become differentially methylated and recapitulate genomic imprinting in transgenic mice. Epigenetics and Chromatin, 2018, 11, 36.	1.8	11
7	Long-Range Control of Renin Gene Expression in Tsukuba Hypertensive Mice. PLoS ONE, 2016, 11, e0166974.	1.1	1
8	<i>De novo</i>DNA methylation through 5'-segment of the<i>H19</i>ICR maintains its imprint during early embryogenesis. Development (Cambridge), 2015, 142, 3833-44.	1.2	21
9	Erythropoiesis and Blood Pressure Are Regulated via AT1 Receptor by Distinctive Pathways. PLoS ONE, 2015, 10, e0129484.	1.1	18
10	A mouse renin distal enhancer is essential for blood pressure homeostasis in BAC-rescuedrenin-null mutant mice. Journal of Receptor and Signal Transduction Research, 2014, 34, 401-409.	1.3	4
11	Sox-Oct motifs contribute to maintenance of the unmethylated H19 ICR in YAC transgenic mice. Human Molecular Genetics, 2013, 22, 4627-4637.	1.4	22
12	The <i>H19</i> Imprinting Control Region Mediates Preimplantation Imprinted Methylation of Nearby Sequences in Yeast Artificial Chromosome Transgenic Mice. Molecular and Cellular Biology, 2013, 33, 858-871.	1.1	11
13	The Chicken HS4 Insulator Element Does Not Protect the H19 ICR from Differential DNA Methylation in Yeast Artificial Chromosome Transgenic Mouse. PLoS ONE, 2013, 8, e73925.	1.1	2
14	Sequences in the H19 ICR that are transcribed as small RNA in oocytes are dispensable for methylation imprinting in YAC transgenic mice. Gene, 2012, 508, 26-34.	1.0	0
15	Forced TR2/TR4 expression in sickle cell disease mice confers enhanced fetal hemoglobin synthesis and alleviated disease phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18808-18813.	3.3	42
16	CTCF binding is not the epigenetic mark that establishes post-fertilization methylation imprinting in the transgenic H19 ICR. Human Molecular Genetics, 2010, 19, 1190-1198.	1.4	21
17	DNase I Hypersensitivity and Ïµ-Globin Transcriptional Enhancement Are Separable in Locus Control Region (LCR) HS1 Mutant Human Î²-Globin YAC Transgenic Mice. Journal of Biological Chemistry, 2010, 285, 14495-14503.	1.6	6
18	A nuclear receptor, hepatocyte nuclear factor 4, differently contributes to the human and mouse angiotensinogen promoter activities. Journal of Receptor and Signal Transduction Research, 2010, 30, 484-492.	1.3	7

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19	A Randomly Integrated Transgenic <i>H19</i> Imprinting Control Region Acquires Methylation Imprinting Independently of Its Establishment in Germ Cells. Molecular and Cellular Biology, 2009, 29, 4595-4603.	1.1	33
20	All of the human Î²â€type globin genes compete for LCR enhancer activity in embryonic erythroid cells of yeast artificial chromosome transgenic mice. FASEB Journal, 2009, 23, 4335-4343.	0.2	7
21	A Combination of HNF-4 and Foxo1 Is Required for Reciprocal Transcriptional Regulation of Glucokinase and Glucose-6-phosphatase Genes in Response to Fasting and Feeding. Journal of Biological Chemistry, 2008, 283, 32432-32441.	1.6	106
22	CTCF-dependent enhancer-blocking by alternative chromatin loop formation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20398-20403.	3.3	194
23	A single nucleotide mutation in the mouse renin promoter disrupts blood pressure regulation. Journal of Clinical Investigation, 2008, 118, 1006-16.	3.9	17
24	Linear Distance from the Locus Control Region Determines Îµ-Globin Transcriptional Activity. Molecular and Cellular Biology, 2007, 27, 5664-5672.	1.1	8
25	Intergenic Transcription, Cell-Cycle and the Developmentally Regulated Epigenetic Profile of the Human Beta-Globin Locus. PLoS ONE, 2007, 2, e630.	1.1	44
26	Embryonic and fetal Î²-globin gene repression by the orphan nuclear receptors, TR2 and TR4. EMBO Journal, 2007, 26, 2295-2306.	3.5	89
27	Expression of Cyclooxygenase-2 in the Juxtaglomerular Apparatus of Angiotensinogen Gene-Knockout Mice. Nephron Physiology, 2006, 102, p1-p8.	1.5	7
28	Fine Tuning of Globin Gene Expression by DNA Methylation. PLoS ONE, 2006, 1, e46.	1.1	43
29	Neurochondrin Negatively Regulates CaMKII Phosphorylation, and Nervous System-specific Gene Disruption Results in Epileptic Seizure*. Journal of Biological Chemistry, 2005, 280, 20503-20508.	1.6	46
30	Adult Stage Î³-Globin Silencing Is Mediated by a Promoter Direct Repeat Element. Molecular and Cellular Biology, 2005, 25, 3443-3451.	1.1	35
31	Identification of cis -Regulatory Sequences in the Human Angiotensinogen Gene by Transgene Coplacement and Site-Specific Recombination. Molecular and Cellular Biology, 2005, 25, 2938-2945.	1.1	13
32	Enhanced erythropoiesis mediated by activation of the reninâ€angiotensin system via angiotensin II type 1a receptor. FASEB Journal, 2005, 19, 2023-2025.	0.2	104
33	Genomic imprinting recapitulated in the human Â-globin locus. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10250-10255.	3.3	32
34	Androgen Contributes to Gender-Related Cardiac Hypertrophy and Fibrosis in Mice Lacking the Gene Encoding Guanylyl Cyclase-A. Endocrinology, 2004, 145, 951-958.	1.4	75
35	Human Î²-Globin Locus Control Region HS5Contains CTCF- and Developmental Stage-Dependent Enhancer-BlockingActivity in ErythroidCells. Molecular and Cellular Biology, 2003, 23, 8946-8952.	1.1	52
36	Guanylyl Cyclase-A Inhibits Angiotensin II Type 1A Receptor-Mediated Cardiac Remodeling, an Endogenous Protective Mechanism in the Heart. Circulation, 2002, 106, 1722-1728.	1.6	92

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37	An embryonic/fetal beta-type globin gene repressor contains a nuclear receptor TR2/TR4 heterodimer. EMBO Journal, 2002, 21, 3434-3442.	3.5	100
38	In vivo Modulation of Human Î²-globin Gene Switching. Trends in Cardiovascular Medicine, 2000, 10, 15-19.	2.3	4
39	Context-dependent EKLF responsiveness defines the developmental specificity of the human varepsilon -globin gene in erythroid cells of YAC transgenic mice. Genes and Development, 2000, 14, 2778-2794.	2.7	69
40	Looping, Linking, and Chromatin Activity. Cell, 2000, 100, 499-502.	13.5	176
41	Regulation of estrogen receptor Â gene mediated by promoter B responsible for its enhanced expression in human breast cancer. Nucleic Acids Research, 1999, 27, 903-909.	6.5	49
42	The polyoma virus enhancer cannot substitute for DNase I core hypersensitive sites 2-4 in the human Â-globin LCR. Nucleic Acids Research, 1999, 27, 3130-3137.	6.5	25
43	Effects of altered gene order or orientation of the locus control region on human Î²-globin gene expression in mice. Nature, 1999, 398, 344-348.	13.7	170
44	Male Sterility in Transgenic Mice Expressing Activin Î²A Subunit Gene in Testis. Biochemical and Biophysical Research Communications, 1999, 259, 699-705.	1.0	36
45	Hypersensitive Site 2 Specifies a Unique Function within the Human Î²-Globin Locus Control Region To Stimulate Globin Gene Transcription. Molecular and Cellular Biology, 1999, 19, 3062-3072.	1.1	91
46	Isolation and characterization of 5â€²â€regulatory region of mouse activin ÃŸa subunit gene. IUBMB Life, 1998, 44, 325-332.	1.5	3
47	Rescue of Angiotensinogen-Knockout Mice. Biochemical and Biophysical Research Communications, 1998, 252, 610-616.	1.0	30
48	The AÂ-globin 3' element provides no unique function(s) for human Â-globin locus gene regulation. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 9944-9949.	3.3	20
49	Human Activin Î²A Gene IDENTIFICATION OF NOVEL 5â€². Journal of Biological Chemistry, 1996, 271, 32760-32769.	1.6	48
50	Tissue-Specific Regulation of Angiotensinogen Gene Expression in Spontaneously Hypertensive Rats. Hypertension, 1996, 27, 1216-1223.	1.3	59
51	Angiotensin II Type 1a Receptor-deficient Mice with Hypotension and Hyperreninemia. Journal of Biological Chemistry, 1995, 270, 18719-18722.	1.6	342
52	Combinatorial Action of cAMP and Phorbol Ester on Synergistic Expression of the Human Activin A Gene. Experimental Cell Research, 1994, 211, 408-414.	1.2	4
53	Activation of mouse renin promoter by cAMP and c-Jun in a kidney-derived cell line. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1993, 1172, 306-310.	2.4	12
54	Isolation of the Mouse Ren-1C Gene and Characterization of Renin Gene Expression in Both ES-D3 Cells and Their Parental Mouse Strain.. Journal of Reproduction and Development, 1993, 39, 19-24.	0.5	4

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55	A combination of upstream and proximal elements is required for effecient expression of the mouse renin promoter in cultured cells. Nucleic Acids Research, 1992, 20, 3617-3623.	6.5	29
56	Regulation of activin Î²A mRNA level by cAMP. Biochemical and Biophysical Research Communications, 1992, 182, 773-778.	1.0	18
57	Structure and Expression of the Mouse Angiotensinogen Gene.. International Heart Journal, 1992, 33, 113-124.	0.6	30
58	Structure and sequence analysis of the human activin Î²Asubunit gene. DNA Sequence, 1991, 2, 103-110.	0.7	25