

Kyoji Horie

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,441
citations

218677

26
h-index

233421

45
g-index

51
all docs

51
docs citations

51
times ranked

3783
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced expression of Na ⁺ /Ca ²⁺ exchangers is associated with cognitive deficits seen in Alzheimer's disease model mice. <i>Neuropharmacology</i> , 2018, 131, 291-303.	4.1	23
2	Collection of homozygous mutant mouse embryonic stem cells arising from autodiploidization during haploid gene trap mutagenesis. <i>Nucleic Acids Research</i> , 2018, 46, e63-e63.	14.5	1
3	Chromatin states shape insertion profiles of the piggyBac, Tol2 and Sleeping Beauty transposons and murine leukemia virus. <i>Scientific Reports</i> , 2017, 7, 43613.	3.3	46
4	Reduced CaM Kinase II and CaM Kinase IV Activities Underlie Cognitive Deficits in NCKX2 Heterozygous Mice. <i>Molecular Neurobiology</i> , 2017, 55, 3889-3900.	4.0	13
5	Simulation and estimation of gene number in a biological pathway using almost complete saturation mutagenesis screening of haploid mouse cells. <i>BMC Genomics</i> , 2014, 15, 1016.	2.8	16
6	TDAG8 activation inhibits osteoclastic bone resorption. <i>FASEB Journal</i> , 2014, 28, 871-879.	0.5	27
7	Removal of Reprogramming Transgenes Improves the Tissue Reconstitution Potential of Keratinocytes Generated From Human Induced Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2014, 3, 992-1001.	3.3	14
8	Rheb (Ras Homologue Enriched in Brain)-dependent Mammalian Target of Rapamycin Complex 1 (mTORC1) Activation Becomes Indispensable for Cardiac Hypertrophic Growth after Early Postnatal Period. <i>Journal of Biological Chemistry</i> , 2013, 288, 10176-10187.	3.4	44
9	Barrier Abnormality Due to Ceramide Deficiency Leads to Psoriasiform Inflammation in a Mouse Model. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2555-2565.	0.7	56
10	Enhancement of microhomology-mediated genomic rearrangements by transient loss of mouse Bloom syndrome helicase. <i>Genome Research</i> , 2013, 23, 1462-1473.	5.5	13
11	An In Vitro ES Cell-Based Clock Recapitulation Assay Model Identifies CK2 [±] as an Endogenous Clock Regulator. <i>PLoS ONE</i> , 2013, 8, e67241.	2.5	14
12	A Cluster of Interferon- γ -Inducible p65 GTPases Plays a Critical Role in Host Defense against <i>Toxoplasma gondii</i> . <i>Immunity</i> , 2012, 37, 302-313.	14.3	311
13	Preferential involvement of Na ⁺ /Ca ²⁺ exchanger type-1 in the brain damage caused by transient focal cerebral ischemia in mice. <i>Biochemical and Biophysical Research Communications</i> , 2012, 429, 186-190.	2.1	24
14	Selection of Targeted Mutants from a Library of Randomly Mutagenized ES Cells. <i>Methods in Molecular Biology</i> , 2011, 693, 283-294.	0.9	0
15	SMOC1 Is Essential for Ocular and Limb Development in Humans and Mice. <i>American Journal of Human Genetics</i> , 2011, 88, 30-41.	6.2	100
16	Interhomolog recombination and loss of heterozygosity in wild-type and Bloom syndrome helicase (BLM)-deficient mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11971-11976.	7.1	72
17	A homozygous mutant embryonic stem cell bank applicable for phenotype-driven genetic screening. <i>Nature Methods</i> , 2011, 8, 1071-1077.	19.0	36
18	An Inducible and Reversible Mouse Genetic Rescue System. , 2011, , 253-275.		2

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19	Development of the circadian oscillator during differentiation of mouse embryonic stem cells in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3846-3851.	7.1	189
20	Functional Genomics in the Mouse using the Sleeping Beauty Transposon System. <i>Methods in Enzymology</i> , 2010, 477, 71-89.	1.0	2
21	Essential Role of Neuron-Enriched Diacylglycerol Kinase (DGK), DGK $\hat{1}^2$ in Neurite Spine Formation, Contributing to Cognitive Function. <i>PLoS ONE</i> , 2010, 5, e11602.	2.5	73
22	Diacylglycerol Kinase $\hat{1}^2$ Knockout Mice Exhibit Lithium-Sensitive Behavioral Abnormalities. <i>PLoS ONE</i> , 2010, 5, e13447.	2.5	68
23	A transposon-based chromosomal engineering method to survey a large cis-regulatory landscape in mice. <i>Nature Genetics</i> , 2009, 41, 946-952.	21.4	58
24	Generating mutant rats using the Sleeping Beauty transposon system. <i>Methods</i> , 2009, 49, 236-242.	3.8	17
25	An Inducible and Reversible Mouse Genetic Rescue System. <i>PLoS Genetics</i> , 2008, 4, e1000069.	3.5	82
26	Translation from nonautonomous type IAP retrotransposon is a critical determinant of transposition activity: Implication for retrotransposon-mediated genome evolution. <i>Genome Research</i> , 2008, 18, 859-868.	5.5	10
27	Unequal Contribution of Akt Isoforms in the Double-Negative to Double-Positive Thymocyte Transition. <i>Journal of Immunology</i> , 2007, 178, 5443-5453.	0.8	100
28	Retrotransposons Influence the Mouse Transcriptome: Implication for the Divergence of Genetic Traits. <i>Genetics</i> , 2007, 176, 815-827.	2.9	26
29	Large-scale, saturating insertional mutagenesis of the mouse genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14406-14411.	7.1	16
30	Germline mutagenesis mediated by Sleeping Beauty transposon system in mice. <i>Genome Biology</i> , 2007, 8, S14.	9.6	28
31	Sleeping Beauty Transposase Has an Affinity for Heterochromatin Conformation. <i>Molecular and Cellular Biology</i> , 2007, 27, 1665-1676.	2.3	46
32	Transposon-tagged mutagenesis in the rat. <i>Nature Methods</i> , 2007, 4, 131-133.	19.0	88
33	Bloom's syndrome gene-deficient phenotype in mouse primary cells induced by a modified tetracycline-controlled trans-silencer. <i>Gene</i> , 2006, 369, 80-89.	2.2	7
34	Sleeping Beauty Transposon-Based Phenotypic Analysis of Mice: Lack of Arpc3 Results in Defective Trophoblast Outgrowth. <i>Molecular and Cellular Biology</i> , 2006, 26, 6185-6196.	2.3	49
35	Region-specific saturation germline mutagenesis in mice using the Sleeping Beauty transposon system. <i>Nature Methods</i> , 2005, 2, 763-769.	19.0	112
36	Target-site Preferences of Sleeping Beauty Transposons. <i>Journal of Molecular Biology</i> , 2005, 346, 161-173.	4.2	133

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37	Suppression of tumor growth and cell proliferation by p13I _l , a mitochondrial protein of human T cell leukemia virus type 1. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6629-6634.	7.1	70
38	Enhancement of Sleeping Beauty Transposition by CpG Methylation: Possible Role of Heterochromatin Formation. Molecular and Cellular Biology, 2004, 24, 4004-4018.	2.3	74
39	Ahnak/Desmoyokin Is Dispensable for Proliferation, Differentiation, and Maintenance of Integrity in Mouse Epidermis. Journal of Investigative Dermatology, 2004, 123, 700-707.	0.7	27
40	Genome-wide phenotype analysis in ES cells by regulated disruption of Bloom's syndrome gene. Nature, 2004, 429, 896-899.	27.8	76
41	Characterization of Sleeping Beauty Transposition and Its Application to Genetic Screening in Mice. Molecular and Cellular Biology, 2003, 23, 9189-9207.	2.3	146
42	Alteration of the 4-sphingenine scaffolds of ceramides in keratinocyte-specific Arnt-deficient mice affects skin barrier function. Journal of Clinical Investigation, 2003, 112, 1372-1382.	8.2	53
43	Rev-Independent Simian Immunodeficiency Virus Strains Are Nonpathogenic in Neonatal Macaques. Journal of Virology, 2002, 76, 96-104.	3.4	15
44	Efficient biallelic mutagenesis with Cre/loxP-mediated interchromosomal recombination. EMBO Reports, 2002, 3, 433-437.	4.5	21
45	Sequence-specific DNA binding activity in the RAE28 protein, a mouse homologue of the Drosophila polyhomeotic protein. IUBMB Life, 1998, 46, 905-912.	3.4	0
46	A replacement vector used to introduce subtle mutations into mouse genes. Gene, 1995, 166, 197-204.	2.2	7
47	Structures of Replacement Vectors for Efficient Gene Targeting1. Journal of Biochemistry, 1994, 115, 477-485.	1.7	15
48	A Survey of Genes Expressed in Undifferentiated Mouse Embryonal Carcinoma F9 Cells: Characterization of Low-Abundance mRNAs1. Journal of Biochemistry, 1994, 116, 128-139.	1.7	21