Minoru Kimura

List of Publications by Year
in descending order

111	2,598	172457	214800
papers	citations	29 h-index	47 g-index

111	111	111	2675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Whole genome association study of rheumatoid arthritis using 27â€...039 microsatellites. Human Molecular Genetics, 2005, 14, 2305-2321.	2.9	122
2	Structural analysis of the dnaA and dnaN genes of Escherichia coli. Gene, 1984, 28, 159-170.	2.2	120
3	A basolateral sorting motif in the MICA cytoplasmic tail. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2971-2976.	7.1	115
4	The Critical Region for BehÃ§et Disease in the Human Major Histocompatibility Complex Is Reduced to a 46-kb Segment Centromeric of HLA-B, by Association Analysis Using Refined Microsatellite Mapping. American Journal of Human Genetics, 1999, 64, 1406-1410.	6.2	104
5	Nucleotide Sequence Analysis of the HLA Class I Region Spanning the 237-kb Segment around the HLA-B and -C Genes. Genomics, 1997, 42, 55-66.	2.9	101
6	Molecular Genetic Analysis of Myelin-Deficient Mice: Shiverer Mutant Mice Show Deletion in Gene(s) Coding for Myelin Basic Protein. Journal of Neurochemistry, 1985, 44, 692-696.	3.9	99
7	Nucleotide Sequencing Analysis of the 146-Kilobase Segment around theIκBLandMICAGenes at the Centromeric End of the HLA Class I Region. Genomics, 1998, 47, 372-382.	2.9	83
8	Growth and differentiation potential of main- and side-population cells derived from murine skeletal muscle. Experimental Cell Research, 2003, 291, 83-90.	2.6	74
9	Molecular Characterization of Seizure-Related Genes Isolated by Differential Screening. Biochemical and Biophysical Research Communications, 1996, 219, 795-799.	2.1	69
10	Direct injection of foreign DNA into mouse testis as a possible in vivo gene transfer system via epididymal spermatozoa. Molecular Reproduction and Development, 2002, 61, 49-56.	2.0	58
11	Transgenic Mouse Model of Hemifacial Microsomia: Cloning and Characterization of Insertional Mutation Region on Chromosome 10. Genomics, 1994, 23, 515-519.	2.9	55
12	Microneedle pH Sensor: Direct, Label-Free, Real-Time Detection of Cerebrospinal Fluid and Bladder pH. ACS Applied Materials & Interfaces, 2017, 9, 21651-21659.	8.0	55
13	Which CIDE are you on? Apoptosis and energy metabolism. Molecular BioSystems, 2011, 7, 91-100.	2.9	54
14	Pronuclear injection-based mouse targeted transgenesis for reproducible and highly efficient transgene expression. Nucleic Acids Research, 2010, 38, e198-e198.	14.5	53
15	Correlation of T cell receptor gene rearrangements to T cell surface antigen expression and to serum immunoglobulin level inscid mice. European Journal of Immunology, 1987, 17, 1467-1471.	2.9	46
16	CPEB2, A Novel Putative Translational Regulator in Mouse Haploid Germ Cells1. Biology of Reproduction, 2003, 69, 261-268.	2.7	46
17	Association between MICA gene A4 allele and acute anterior uveitis in white patients with and without HLA-B27. American Journal of Ophthalmology, 1998, 126, 436-441.	3.3	45
18	Site-specific Mutation of the Human c-Ha-ras Transgene Induced by Dimethylbenzanthracene Causes Tissue-specific Tumors in Mice. Japanese Journal of Cancer Research, 1994, 85, 801-807.	1.7	42

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19	Cloning and expression of SEZ-6, a brain-specific and seizure-related cDNA. Molecular Brain Research, 1995, 28, 201-210.	2.3	41
20	Triplet repeat polymorphism in the MICA gene in HLA-B27 positive and negative caucasian patients with ankylosing spondylitis. Human Immunology, 1999, 60, 83-86.	2.4	39
21	Analysis of the human tyrosine hydroxylase promoter-chloramphenicol acetyltransferase chimeric gene expression in transgenic mice. Molecular Brain Research, 1992, 16, 274-286.	2.3	37
22	cDNA Cloning of the Human Homologues of the MouseKe4andKe6Genes at the Centromeric End of the Human MHC Region. Genomics, 1996, 35, 600-602.	2.9	37
23	Disruption of mouse poly(A) polymerase mGLD-2 does not alter polyadenylation status in oocytes and somatic cells. Biochemical and Biophysical Research Communications, 2007, 364, 14-19.	2.1	37
24	An essential role for REV3 in mammalian cell survival: absence of REV3 induces p53-independent embryonic death. Biochemical and Biophysical Research Communications, 2002, 293, 1132-1137.	2.1	35
25	Expression and Functional Significance of Mouse Paraspeckle Protein 1 on Spermatogenesis1. Biology of Reproduction, 2004, 71, 926-932.	2.7	35
26	Isolation of cDNA and Genomic Clones of a Human Ras-Related GTP-Binding Protein Gene and Its Chromosomal Localization to the Long Arm of Chromosome 7, 7q36. Genomics, 1996, 34, 114-118.	2.9	34
27	Decreased Expression of a Single Tropomyosin Isoform, TM5/TM30nm, Results in Reduction in Motility of Highly Metastatic B16-F10 Mouse Melanoma Cells. Biochemical and Biophysical Research Communications, 1996, 225, 427-435.	2.1	34
28	Identification of transfer RNA suppressors in Escherichia coli. Journal of Molecular Biology, 1984, 177, 609-625.	4.2	33
29	Microsatellite polymorphism within the MICB gene among japanese patients with behÃ§etâ€™s disease. Human Immunology, 1998, 59, 500-502.	2.4	32
30	Overexpression of the serpin megsin induces progressive mesangial cell proliferation and expansion. Journal of Clinical Investigation, 2002, 109, 585-593.	8.2	32
31	Construction of a Linkage Map of the Medaka (Oryzias latipes) and Mapping of the Da Mutant Locus Defective in Dorsoventral Patterning. Genome Research, 1999, 9, 1277-1287.	5.5	31
32	Association of a Determinant on Mouse Chromosome 18 with Experimental Severe Plasmodium berghei Malaria. Infection and Immunity, 2002, 70, 512-516.	2.2	30
33	De novo production of Î±2-macroglobulin in cultured astroglia from rat brain. Molecular Brain Research, 1992, 12, 155-161.	2.3	29
34	Possible roles of zic1 and zic4, identified within the medaka Double anal fin (Da) locus, in dorsoventral patterning of the trunk-tail region (related to phenotypes of the Da mutant). Mechanisms of Development, 2004, 121, 873-882.	1.7	29
35	In situ localization of c-myc mRNA in HL-60 cells using non-radioactive synthetic oligodeoxynucleotide probes.. Acta Histochemica Et Cytochemica, 1989, 22, 295-307.	1.6	27
36	Physical Mapping 220 kb Centromeric of the Human MHC and DNA Sequence Analysis of the 43-kb Segment Including theRING1, HKE6,andHKE4Genes. Genomics, 1997, 42, 422-435.	2.9	26

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37	Overexpression of a minor component of myelin basic protein isoform (17.2 kDa) can restore myelinogenesis in transgenic shiverer mice. Brain Research, 1998, 785, 245-252.	2.2	25
38	Mesoporous structures in never-dried softwood cellulose fibers investigated by nitrogen adsorption. Cellulose, 2014, 21, 3193-3201.	4.9	24
39	Sez4gene encoding an elongation subunit of DNA polymerase Î¶ is required for normal embryogenesis. Genes To Cells, 2001, 6, 99-106.	1.2	23
40	Validity of the HfmTransgenic Mouse as a Model for Hemifacial Microsomia. Cleft Palate-Craniofacial Journal, 2002, 39, 81-92.	0.9	23
41	Lack of an association human dioxin detoxification gene polymorphisms with endometriosis in Japanese women: results of a pilot study. Environmental Health and Preventive Medicine, 2012, 17, 512-517.	3.4	23
42	Cloning and characterization of pentylenetetrazol-related cDNA, PTZ-17. Brain Research, 1995, 671, 170-174.	2.2	21
43	Cloning of SEZ-12 Encoding Seizure-Related and Membrane-Bound Adhesion Protein. Biochemical and Biophysical Research Communications, 1996, 222, 144-148.	2.1	21
44	Nucleotide Sequence of theRing3Gene in the Class II Region of the Mouse MHC and Its Abundant Expression in Testicular Germ Cells. Genomics, 1998, 51, 114-123.	2.9	21
45	PITT: Pronuclear Injection-Based Targeted Transgenesis, a Reliable Transgene Expression Method in Mice. Experimental Animals, 2012, 61, 489-502.	1.1	21
46	Recombinant DNA Technologies for Construction of Precisely Designed Transgene Constructs. Current Pharmaceutical Biotechnology, 2009, 10, 244-251.	1.6	20
47	Role of nuclear IÎºBs in inflammation regulation. Biomolecular Concepts, 2013, 4, 187-196.	2.2	19
48	Alopecia areata susceptibility variant in MHC region impacts expressions of genes contributing to hair keratinization and is involved in hair loss. EBioMedicine, 2020, 57, 102810.	6.1	19
49	Usefulness of double gene construct for rapid identification of transgenic mice exhibiting tissue-specific gene expression. Molecular Reproduction and Development, 2001, 60, 446-456.	2.0	18
50	Temporary developmental arrest after storage of fertilized mouse oocytes at 4Â°C: effects on embryonic development, maternal mRNA processing and cell cycle. Molecular Human Reproduction, 2005, 11, 325-333.	2.8	18
51	Isolation and allelic polymorphism of cDNA clones and genomic clones of HLA-DP heavy and light chains. Human Immunology, 1986, 17, 355-367.	2.4	16
52	Cloned primed lymphocyte test cells recognize the fourth, fifth, and sixth hypervariable regions at amino acid positions 65â€“87 of the DPB1 molecule. Human Immunology, 1995, 42, 123-130.	2.4	16
53	Systemic in vivo antitumor activity of interleukin-12 against both transplantable and primary tumor. Immunology Letters, 1995, 48, 149-152.	2.5	15
54	Fluorescent transgenic mice suitable for multi-color aggregation chimera studies. Cell and Tissue Research, 2012, 350, 251-260.	2.9	15

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55	Gene structure and promoter for Crad2 encoding mouse cis-retinol/3Î±-hydroxysterol short-chain dehydrogenase isozyme. Gene, 2000, 251, 175-186.	2.2	14
56	Intrabursal transfer of spermatozoa (ITS): a new route for artificial insemination of mice. Theriogenology, 2001, 55, 1881-1890.	2.1	14
57	Diverse patterns of poly(A) tail elongation and shortening of murine maternal mRNAs from fully grown oocyte to 2-cell embryo stages. Biochemical and Biophysical Research Communications, 2005, 336, 1181-1189.	2.1	14
58	Peony root extract upregulates transthyretin and phosphoglycerate mutase in mouse cobalt focus seizure. Biochemical and Biophysical Research Communications, 2008, 371, 375-379.	2.1	14
59	Lymphocyte infiltration into cerebellum in transgenic mice carrying human IL-2 gene. International Immunology, 1989, 1, 214-218.	4.0	13
60	Regulation of Osteoblast-Specific Factor-1 (OSF-1) mRNA Expression by Dual Promoters as Revealed by RT-PCR. Biochemical and Biophysical Research Communications, 1997, 238, 831-837.	2.1	11
61	Construction of Mouse 129/Ola BAC Library for Targeting Experiments Using E14 Embryonic Stem Cells. Genes and Genetic Systems, 2006, 81, 143-146.	0.7	11
62	Targeted transgenesis through pronuclear injection of improved vectors into in vitro fertilized eggs. Transgenic Research, 2012, 21, 225-226.	2.4	11
63	Frequent mutations in NOTCH1 ligand-binding regions in Japanese oral squamous cell carcinoma. Biochemical and Biophysical Research Communications, 2014, 452, 980-985.	2.1	10
64	Toxin profile of Alexandrium tamarense (Dinophyceae) from Hokkaido, northern Japan and southern Sakhalin, eastern Russia. Plankton and Benthos Research, 2011, 6, 35-41.	0.6	10
65	Nervous diseases and Kampo (Japanese herbal) medicine: a new paradigm of therapy against intractable nervous diseases. Brain and Development, 1997, 19, 93-103.	1.1	9
66	Enforced expression of the transcription factor HOXD3 under the control of the Wnt1 regulatory element modulates cell adhesion properties in the developing mouse neural tube. Journal of Anatomy, 2011, 219, 589-600.	1.5	9
67	Failure to detect significant association between estrogen receptor-alpha gene polymorphisms and endometriosis in Japanese women. Environmental Health and Preventive Medicine, 2012, 17, 423-428.	3.4	9
68	Improvement of pronuclear injection-based targeted transgenesis (PITT) by iCre mRNA-mediated site-specific recombination. Transgenic Research, 2013, 22, 873-875.	2.4	9
69	Improved loop-mediated isothermal amplification for HLA-DRB1 genotyping using RecA and a restriction enzyme for enhanced amplification specificity. Immunogenetics, 2013, 65, 405-415.	2.4	8
70	Abnormal gait, reduced locomotor activity and impaired motor coordination in Dgcr2 -deficient mice. Biochemistry and Biophysics Reports, 2016, 5, 120-126.	1.3	8
71	One-step generation of recombineering constructs by asymmetric-end ligation and negative selection. Analytical Biochemistry, 2007, 360, 306-308.	2.4	7
72	Molecular mechanism of regulation of pentylenetetrazol-induced calcium entry by 3â€²-untranslated region of a seizure-related cDNA, PTZ-17, in Xenopus oocytes. Molecular Brain Research, 1997, 47, 49-58.	2.3	6

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73	Rapid Screening of a Novel Arrayed Medaka (Oryzias latipes) Cosmid Library. Marine Biotechnology, 2002, 4, 173-178.	2.4	6
74	Comparative analysis of a 229-kb medaka genomic region, containing the zic1 and zic4 genes, with Fugu , human, and mouse. Genomics, 2004, 83, 1063-1071.	2.9	6
75	Assessment of Artificial MiRNA Architectures for Higher Knockdown Efficiencies without the Undesired Effects in Mice. PLoS ONE, 2015, 10, e0135919.	2.5	6
76	Toward global standardization of conducting fair investigations of allegations of research misconduct. Accountability in Research, 2020, 27, 327-346.	2.4	6
77	A simple and efficient purification of transduced cells by using green fluorescent protein gene as a selection marker. Pediatrics International, 1998, 40, 586-592.	0.5	5
78	Protein Kinase C Gene Expression in Dispersed Guinea-Pig Gastric Parietal Cells. Digestion, 1998, 59, 40-46.	2.3	5
79	Cloning and Characterization of 5â€²-Upstream Sequence of the M32 Gene for a Mouse Homologue ofDrosophilaHeterochromatin Protein 1 (HP1). DNA Sequence, 2001, 12, 97-106.	0.7	5
80	A novel method for constructing murine cDNA library enriched with maternal mRNAs exhibiting de novo independent post-fertilization polyadenylation. Biochemical and Biophysical Research Communications, 2005, 327, 688-699.	2.1	5
81	Genome-wide search for genes that modulate inflammatory arthritis caused by Ali18 mutation in mice. Mammalian Genome, 2009, 20, 152-161.	2.2	5
82	X-ray microtomographic visualization ofEscherichiaÂcoliby metalloprotein overexpression. Journal of Synchrotron Radiation, 2013, 20, 581-586.	2.4	5
83	Establishment of immortalized mesenchymal stem cells derived from the submandibular glands of tdTomato transgenic mice. Experimental and Therapeutic Medicine, 2015, 10, 1380-1386.	1.8	5
84	AMBRA1 is involved in T cell receptor-mediated metabolic reprogramming through an ATG7-independent pathway. Biochemical and Biophysical Research Communications, 2017, 491, 1098-1104.	2.1	5
85	Molecular Cloning and Analysis of Novel cDNAs Specifically Expressed in Adult Mouse Testes. Biochemical and Biophysical Research Communications, 1997, 240, 261-268.	2.1	4
86	Low-Voltage Electric-Discharge Biolistic Device. BioTechniques, 1997, 23, 650-652.	1.8	4
87	Enhanced green fluorescent protein as a useful tag for rapid identification of homozygous transgenic mice. New Biotechnology, 2001, 17, 83-85.	2.7	4
88	Comparison of intrabursal transfer of spermatozoa, a new method for artificial insemination in mice, with intraoviductal transfer of spermatozoa. Journal of Assisted Reproduction and Genetics, 2002, 19, 523-530.	2.5	4
89	IÎºBL, a novel member of the nuclear IÎºB family, inhibits inflammatory cytokine expression. FEBS Letters, 2011, 585, 3577-3581.	2.8	4
90	Qualitative measurement of pain by analysing the salivary alpha amylase. Precision Engineering, 2014, 38, 257-260.	3.4	4

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91	Analysis of HRAS mutations in Japanese patients with oral squamous cell carcinoma. Advances in Oral and Maxillofacial Surgery, 2021, 1, 100021.	0.3	4
92	Molecular mechanism of preventive effect of peony root extract on neuron damage. Journal of Herbal Pharmacotherapy: Innovations in Clinical and Applied Evidence-based Herbal Medicinals, 2004, 4, 9-20.	0.1	4
93	The intrauterine environment affects learning ability of Tokai high avoider rat offspring derived using cryopreservation and embryo transfer-mediated reproduction. Biochemical and Biophysical Research Communications, 2017, 489, 211-216.	2.1	3
94	A mutation in NOTCH1 ligand binding region detected in patients with oral squamous cell carcinoma reduces NOTCH1 oncogenic effect. Oncology Reports, 2017, 38, 2237-2242.	2.6	3
95	Somatic mutations in oral squamous cell carcinomas in 98 Japanese patients and their clinical implications. Cancer Treatment and Research Communications, 2021, 29, 100456.	1.7	3
96	Powerful singleâ€frequency CO2 laser for plasma diagnostics. Review of Scientific Instruments, 1984, 55, 1632-1635.	1.3	2
97	Heterodyne interferometer of coaxial CO2 and Heâ€“Ne lasers for plasma density measurements. Review of Scientific Instruments, 1986, 57, 1286-1289.	1.3	2
98	Association of sick building syndrome with neuropathy target esterase (NTE) activity in Japanese. Environmental Toxicology, 2014, 29, 1217-1226.	4.0	2
99	Physical mapping between the S and HLA-E genes in the human MHC class I region: construction of a BAC, PAC, and cosmid contig. Immunogenetics, 1998, 48, 402-407.	2.4	1
100	Association study between sick building syndrome and polymorphisms of seven human detoxification genes in the Japanese. Environmental Toxicology and Pharmacology, 2010, 29, 190-194.	4.0	1
101	Preparation of Clinically Useful Sennoside-reduced Rhubarb. Tokai Journal of Experimental and Clinical Medicine, 2016, 41, 24-9.	0.4	1
102	Molecular Cloning of a Leucine Zipper Motif-containing Novel cDNA Specifically Expressed in Adult Mouse Testis. DNA Sequence, 1998, 9, 101-107.	0.7	0
103	cDNA cloning, northern hybridization, and mapping analysis of a putative GDS-related protein gene at the centromeric ends of the human and mouse MHC regions. Immunogenetics, 1999, 49, 354-356.	2.4	0
104	Expression of SV40 T antigen gene in the oligodendroglia induced primitive neuroectodermal tumor-like tumors in the mouse brain. Congenital Anomalies (discontinued), 2004, 44, 215-224.	0.6	0
105	Strain difference in tolerance to low-temperature treatment of fertilized mouse oocytes. Reproductive Medicine and Biology, 2006, 5, 43-50.	2.4	0
106	Interaction between carbon nanotubes and human cell. Precision Engineering, 2014, 38, 116-120.	3.4	0
107	Imprinted Xâ€chromosome inactivation impacts primitive endoderm differentiation in mouse blastocysts. FEBS Letters, 2020, 594, 913-923.	2.8	0
108	High Speed MoSi2-Gate CMOS/SOS Devices. Japanese Journal of Applied Physics, 1981, 20, 117.	1.5	0

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109	CO₂ Lasers in Fusion Plasma Diagnostics. The Review of Laser Engineering, 1986, 14, 290-300.	0.0	0
110	CO2 laser radar 3-D vision sensor for a mobile robot.. Journal of the Robotics Society of Japan, 1990, 8, 385-389.	0.1	0
111	Cre-loxP System Confers Cell Lineage-Specific Expression of a Reporter Gene in Murine Preimplantation Development.. Journal of Reproduction and Development, 1999, 45, 411-417.	1.4	0