

# Minoru Kimura

## List of Publications by Year in descending order

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111  
papers

2,598  
citations

172457

29  
h-index

214800

47  
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111  
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111  
docs citations

111  
times ranked

2675  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of HRAS mutations in Japanese patients with oral squamous cell carcinoma. <i>Advances in Oral and Maxillofacial Surgery</i> , 2021, 1, 100021.	0.3	4
2	Somatic mutations in oral squamous cell carcinomas in 98 Japanese patients and their clinical implications. <i>Cancer Treatment and Research Communications</i> , 2021, 29, 100456.	1.7	3
3	Imprinted X chromosome inactivation impacts primitive endoderm differentiation in mouse blastocysts. <i>FEBS Letters</i> , 2020, 594, 913-923.	2.8	0
4	Alopecia areata susceptibility variant in MHC region impacts expressions of genes contributing to hair keratinization and is involved in hair loss. <i>EBioMedicine</i> , 2020, 57, 102810.	6.1	19
5	Toward global standardization of conducting fair investigations of allegations of research misconduct. <i>Accountability in Research</i> , 2020, 27, 327-346.	2.4	6
6	Microneedle pH Sensor: Direct, Label-Free, Real-Time Detection of Cerebrospinal Fluid and Bladder pH. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 21651-21659.	8.0	55
7	The intrauterine environment affects learning ability of Tokai high avoider rat offspring derived using cryopreservation and embryo transfer-mediated reproduction. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 211-216.	2.1	3
8	AMBRA1 is involved in T cell receptor-mediated metabolic reprogramming through an ATG7-independent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 1098-1104.	2.1	5
9	A mutation in NOTCH1 ligand binding region detected in patients with oral squamous cell carcinoma reduces NOTCH1 oncogenic effect. <i>Oncology Reports</i> , 2017, 38, 2237-2242.	2.6	3
10	Abnormal gait, reduced locomotor activity and impaired motor coordination in Dgcr2 -deficient mice. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 120-126.	1.3	8
11	Preparation of Clinically Useful Sennoside-reduced Rhubarb. <i>Tokai Journal of Experimental and Clinical Medicine</i> , 2016, 41, 24-9.	0.4	1
12	Assessment of Artificial MiRNA Architectures for Higher Knockdown Efficiencies without the Undesired Effects in Mice. <i>PLoS ONE</i> , 2015, 10, e0135919.	2.5	6
13	Establishment of immortalized mesenchymal stem cells derived from the submandibular glands of tdTomato transgenic mice. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 1380-1386.	1.8	5
14	Mesoporous structures in never-dried softwood cellulose fibers investigated by nitrogen adsorption. <i>Cellulose</i> , 2014, 21, 3193-3201.	4.9	24
15	Frequent mutations in NOTCH1 ligand-binding regions in Japanese oral squamous cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 980-985.	2.1	10
16	Interaction between carbon nanotubes and human cell. <i>Precision Engineering</i> , 2014, 38, 116-120.	3.4	0
17	Qualitative measurement of pain by analysing the salivary alpha amylase. <i>Precision Engineering</i> , 2014, 38, 257-260.	3.4	4
18	Association of sick building syndrome with neuropathy target esterase (NTE) activity in Japanese. <i>Environmental Toxicology</i> , 2014, 29, 1217-1226.	4.0	2

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19	Improved loop-mediated isothermal amplification for HLA-DRB1 genotyping using RecA and a restriction enzyme for enhanced amplification specificity. <i>Immunogenetics</i> , 2013, 65, 405-415.	2.4	8
20	Improvement of pronuclear injection-based targeted transgenesis (PITT) by iCre mRNA-mediated site-specific recombination. <i>Transgenic Research</i> , 2013, 22, 873-875.	2.4	9
21	X-ray microtomographic visualization of <i>Escherichia coli</i> by metalloprotein overexpression. <i>Journal of Synchrotron Radiation</i> , 2013, 20, 581-586.	2.4	5
22	Role of nuclear I $\kappa$ Bs in inflammation regulation. <i>Biomolecular Concepts</i> , 2013, 4, 187-196.	2.2	19
23	PITT: Pronuclear Injection-Based Targeted Transgenesis, a Reliable Transgene Expression Method in Mice. <i>Experimental Animals</i> , 2012, 61, 489-502.	1.1	21
24	Fluorescent transgenic mice suitable for multi-color aggregation chimera studies. <i>Cell and Tissue Research</i> , 2012, 350, 251-260.	2.9	15
25	Failure to detect significant association between estrogen receptor-alpha gene polymorphisms and endometriosis in Japanese women. <i>Environmental Health and Preventive Medicine</i> , 2012, 17, 423-428.	3.4	9
26	Lack of an association human dioxin detoxification gene polymorphisms with endometriosis in Japanese women: results of a pilot study. <i>Environmental Health and Preventive Medicine</i> , 2012, 17, 512-517.	3.4	23
27	Targeted transgenesis through pronuclear injection of improved vectors into in vitro fertilized eggs. <i>Transgenic Research</i> , 2012, 21, 225-226.	2.4	11
28	Which CIDE are you on? Apoptosis and energy metabolism. <i>Molecular BioSystems</i> , 2011, 7, 91-100.	2.9	54
29	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. <i>Journal of Anatomy</i> , 2011, 219, 589-600.	1.5	9
30	I $\kappa$ BL, a novel member of the nuclear I $\kappa$ B family, inhibits inflammatory cytokine expression. <i>FEBS Letters</i> , 2011, 585, 3577-3581.	2.8	4
31	Toxin profile of <i>Alexandrium tamarense</i> (Dinophyceae) from Hokkaido, northern Japan and southern Sakhalin, eastern Russia. <i>Plankton and Benthos Research</i> , 2011, 6, 35-41.	0.6	10
32	Pronuclear injection-based mouse targeted transgenesis for reproducible and highly efficient transgene expression. <i>Nucleic Acids Research</i> , 2010, 38, e198-e198.	14.5	53
33	Association study between sick building syndrome and polymorphisms of seven human detoxification genes in the Japanese. <i>Environmental Toxicology and Pharmacology</i> , 2010, 29, 190-194.	4.0	1
34	Recombinant DNA Technologies for Construction of Precisely Designed Transgene Constructs. <i>Current Pharmaceutical Biotechnology</i> , 2009, 10, 244-251.	1.6	20
35	Genome-wide search for genes that modulate inflammatory arthritis caused by Ali18 mutation in mice. <i>Mammalian Genome</i> , 2009, 20, 152-161.	2.2	5
36	Peony root extract upregulates transthyretin and phosphoglycerate mutase in mouse cobalt focus seizure. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 375-379.	2.1	14

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37	Disruption of mouse poly(A) polymerase mGLD-2 does not alter polyadenylation status in oocytes and somatic cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 14-19.	2.1	37
38	One-step generation of recombinering constructs by asymmetric-end ligation and negative selection. <i>Analytical Biochemistry</i> , 2007, 360, 306-308.	2.4	7
39	Construction of Mouse 129/Ola BAC Library for Targeting Experiments Using E14 Embryonic Stem Cells. <i>Genes and Genetic Systems</i> , 2006, 81, 143-146.	0.7	11
40	Strain difference in tolerance to low-temperature treatment of fertilized mouse oocytes. <i>Reproductive Medicine and Biology</i> , 2006, 5, 43-50.	2.4	0
41	Temporary developmental arrest after storage of fertilized mouse oocytes at 4°C: effects on embryonic development, maternal mRNA processing and cell cycle. <i>Molecular Human Reproduction</i> , 2005, 11, 325-333.	2.8	18
42	Whole genome association study of rheumatoid arthritis using 27,039 microsatellites. <i>Human Molecular Genetics</i> , 2005, 14, 2305-2321.	2.9	122
43	A novel method for constructing murine cDNA library enriched with maternal mRNAs exhibiting de novo independent post-fertilization polyadenylation. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 688-699.	2.1	5
44	Diverse patterns of poly(A) tail elongation and shortening of murine maternal mRNAs from fully grown oocyte to 2-cell embryo stages. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 1181-1189.	2.1	14
45	Expression and Functional Significance of Mouse Paraspeckle Protein 1 on Spermatogenesis1. <i>Biology of Reproduction</i> , 2004, 71, 926-932.	2.7	35
46	Expression of SV40 T antigen gene in the oligodendroglia induced primitive neuroectodermal tumor-like tumors in the mouse brain. <i>Congenital Anomalies (discontinued)</i> , 2004, 44, 215-224.	0.6	0
47	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). <i>Mechanisms of Development</i> , 2004, 121, 873-882.	1.7	29
48	Comparative analysis of a 229-kb medaka genomic region, containing the zic1 and zic4 genes, with Fugu, human, and mouse. <i>Genomics</i> , 2004, 83, 1063-1071.	2.9	6
49	Molecular mechanism of preventive effect of peony root extract on neuron damage. <i>Journal of Herbal Pharmacotherapy: Innovations in Clinical and Applied Evidence-based Herbal Medicinals</i> , 2004, 4, 9-20.	0.1	4
50	Growth and differentiation potential of main- and side-population cells derived from murine skeletal muscle. <i>Experimental Cell Research</i> , 2003, 291, 83-90.	2.6	74
51	CPEB2, A Novel Putative Translational Regulator in Mouse Haploid Germ Cells1. <i>Biology of Reproduction</i> , 2003, 69, 261-268.	2.7	46
52	A basolateral sorting motif in the MICA cytoplasmic tail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2971-2976.	7.1	115
53	Association of a Determinant on Mouse Chromosome 18 with Experimental Severe Plasmodium berghei Malaria. <i>Infection and Immunity</i> , 2002, 70, 512-516.	2.2	30
54	Rapid Screening of a Novel Arrayed Medaka (Oryzias latipes) Cosmid Library. <i>Marine Biotechnology</i> , 2002, 4, 173-178.	2.4	6

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55	An essential role for REV3 in mammalian cell survival: absence of REV3 induces p53-independent embryonic death. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1132-1137.	2.1	35
56	Validity of the HfmTransgenic Mouse as a Model for Hemifacial Microsomia. <i>Cleft Palate-Craniofacial Journal</i> , 2002, 39, 81-92.	0.9	23
57	Comparison of intrabursal transfer of spermatozoa, a new method for artificial insemination in mice, with intraoviductal transfer of spermatozoa. <i>Journal of Assisted Reproduction and Genetics</i> , 2002, 19, 523-530.	2.5	4
58	Direct injection of foreign DNA into mouse testis as a possible in vivo gene transfer system via epididymal spermatozoa. <i>Molecular Reproduction and Development</i> , 2002, 61, 49-56.	2.0	58
59	Overexpression of the serpin megsin induces progressive mesangial cell proliferation and expansion. <i>Journal of Clinical Investigation</i> , 2002, 109, 585-593.	8.2	32
60	Intrabursal transfer of spermatozoa (ITS): a new route for artificial insemination of mice. <i>Theriogenology</i> , 2001, 55, 1881-1890.	2.1	14
61	Cloning and Characterization of 5' Upstream Sequence of the M32 Gene for a Mouse Homologue of <i>Drosophila</i> Heterochromatin Protein 1 (HP1). <i>DNA Sequence</i> , 2001, 12, 97-106.	0.7	5
62	Sez4 gene encoding an elongation subunit of DNA polymerase $\delta$ is required for normal embryogenesis. <i>Genes To Cells</i> , 2001, 6, 99-106.	1.2	23
63	Enhanced green fluorescent protein as a useful tag for rapid identification of homozygous transgenic mice. <i>New Biotechnology</i> , 2001, 17, 83-85.	2.7	4
64	Usefulness of double gene construct for rapid identification of transgenic mice exhibiting tissue-specific gene expression. <i>Molecular Reproduction and Development</i> , 2001, 60, 446-456.	2.0	18
65	Gene structure and promoter for Crad2 encoding mouse cis-retinol/ $\beta$ -hydroxysterol short-chain dehydrogenase isozyme. <i>Gene</i> , 2000, 251, 175-186.	2.2	14
66	Construction of a Linkage Map of the Medaka ( <i>Oryzias latipes</i> ) and Mapping of the <i>Da</i> Mutant Locus Defective in Dorsoventral Patterning. <i>Genome Research</i> , 1999, 9, 1277-1287.	5.5	31
67	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. <i>Immunogenetics</i> , 1999, 49, 354-356.	2.4	0
68	The Critical Region for Behçet 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. <i>American Journal of Human Genetics</i> , 1999, 64, 1406-1410.	6.2	104
69	Triplet repeat polymorphism in the MICA gene in HLA-B27 positive and negative caucasian patients with ankylosing spondylitis. <i>Human Immunology</i> , 1999, 60, 83-86.	2.4	39
70	Cre-loxP System Confers Cell Lineage-Specific Expression of a Reporter Gene in Murine Preimplantation Development. <i>Journal of Reproduction and Development</i> , 1999, 45, 411-417.	1.4	0
71	A simple and efficient purification of transduced cells by using green fluorescent protein gene as a selection marker. <i>Pediatrics International</i> , 1998, 40, 586-592.	0.5	5
72	Overexpression of a minor component of myelin basic protein isoform (17.2 kDa) can restore myelinogenesis in transgenic shiverer mice. <i>Brain Research</i> , 1998, 785, 245-252.	2.2	25

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73	Physical mapping between the S and HLA-E genes in the human MHC class I region: construction of a BAC, PAC, and cosmid contig. <i>Immunogenetics</i> , 1998, 48, 402-407.	2.4	1
74	Microsatellite polymorphism within the MICB gene among Japanese patients with Behçet's disease. <i>Human Immunology</i> , 1998, 59, 500-502.	2.4	32
75	Association between MICA gene A4 allele and acute anterior uveitis in white patients with and without HLA-B27. <i>American Journal of Ophthalmology</i> , 1998, 126, 436-441.	3.3	45
76	Molecular Cloning of a Leucine Zipper Motif-containing Novel cDNA Specifically Expressed in Adult Mouse Testis. <i>DNA Sequence</i> , 1998, 9, 101-107.	0.7	0
77	Nucleotide Sequencing Analysis of the 146-Kilobase Segment around the B and MICB Genes at the Centromeric End of the HLA Class I Region. <i>Genomics</i> , 1998, 47, 372-382.	2.9	83
78	Nucleotide Sequence of the Ring3 Gene in the Class II Region of the Mouse MHC and Its Abundant Expression in Testicular Germ Cells. <i>Genomics</i> , 1998, 51, 114-123.	2.9	21
79	Protein Kinase C Gene Expression in Dispersed Guinea-Pig Gastric Parietal Cells. <i>Digestion</i> , 1998, 59, 40-46.	2.3	5
80	Regulation of Osteoblast-Specific Factor-1 (OSF-1) mRNA Expression by Dual Promoters as Revealed by RT-PCR. <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 831-837.	2.1	11
81	Molecular Cloning and Analysis of Novel cDNAs Specifically Expressed in Adult Mouse Testes. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 261-268.	2.1	4
82	Nucleotide Sequence Analysis of the HLA Class I Region Spanning the 237-kb Segment around the HLA-B and -C Genes. <i>Genomics</i> , 1997, 42, 55-66.	2.9	101
83	Physical Mapping 220 kb Centromeric of the Human MHC and DNA Sequence Analysis of the 43-kb Segment Including the RING1, HKE6, and HKE4 Genes. <i>Genomics</i> , 1997, 42, 422-435.	2.9	26
84	Molecular mechanism of regulation of pentylenetetrazol-induced calcium entry by 3'-untranslated region of a seizure-related cDNA, PTZ-17, in <i>Xenopus</i> oocytes. <i>Molecular Brain Research</i> , 1997, 47, 49-58.	2.3	6
85	Nervous diseases and Kampo (Japanese herbal) medicine: a new paradigm of therapy against intractable nervous diseases. <i>Brain and Development</i> , 1997, 19, 93-103.	1.1	9
86	Low-Voltage Electric-Discharge Biolistic Device. <i>BioTechniques</i> , 1997, 23, 650-652.	1.8	4
87	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. <i>Genomics</i> , 1996, 34, 114-118.	2.9	34
88	cDNA Cloning of the Human Homologues of the Mouse Ke4 and Ke6 Genes at the Centromeric End of the Human MHC Region. <i>Genomics</i> , 1996, 35, 600-602.	2.9	37
89	Molecular Characterization of Seizure-Related Genes Isolated by Differential Screening. <i>Biochemical and Biophysical Research Communications</i> , 1996, 219, 795-799.	2.1	69
90	Cloning of SEZ-12 Encoding Seizure-Related and Membrane-Bound Adhesion Protein. <i>Biochemical and Biophysical Research Communications</i> , 1996, 222, 144-148.	2.1	21

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91	Decreased Expression of a Single Tropomyosin Isoform, TM5/TM30nm, Results in Reduction in Motility of Highly Metastatic B16-F10 Mouse Melanoma Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 225, 427-435.	2.1	34
92	Systemic in vivo antitumor activity of interleukin-12 against both transplantable and primary tumor. <i>Immunology Letters</i> , 1995, 48, 149-152.	2.5	15
93	Cloning and characterization of pentylenetetrazol-related cDNA, PTZ-17. <i>Brain Research</i> , 1995, 671, 170-174.	2.2	21
94	Cloned primed lymphocyte test cells recognize the fourth, fifth, and sixth hypervariable regions at amino acid positions 65-87 of the DPB1 molecule. <i>Human Immunology</i> , 1995, 42, 123-130.	2.4	16
95	Cloning and expression of SEZ-6, a brain-specific and seizure-related cDNA. <i>Molecular Brain Research</i> , 1995, 28, 201-210.	2.3	41
96	Site-specific Mutation of the Human c-Ha-ras Transgene Induced by Dimethylbenzanthracene Causes Tissue-specific Tumors in Mice. <i>Japanese Journal of Cancer Research</i> , 1994, 85, 801-807.	1.7	42
97	Transgenic Mouse Model of Hemifacial Microsomia: Cloning and Characterization of Insertional Mutation Region on Chromosome 10. <i>Genomics</i> , 1994, 23, 515-519.	2.9	55
98	Analysis of the human tyrosine hydroxylase promoter-chloramphenicol acetyltransferase chimeric gene expression in transgenic mice. <i>Molecular Brain Research</i> , 1992, 16, 274-286.	2.3	37
99	De novo production of $\beta$ -2-macroglobulin in cultured astroglia from rat brain. <i>Molecular Brain Research</i> , 1992, 12, 155-161.	2.3	29
100	CO <sub>2</sub> laser radar 3-D vision sensor for a mobile robot.. <i>Journal of the Robotics Society of Japan</i> , 1990, 8, 385-389.	0.1	0
101	Lymphocyte infiltration into cerebellum in transgenic mice carrying human IL-2 gene. <i>International Immunology</i> , 1989, 1, 214-218.	4.0	13
102	In situ localization of c-myc mRNA in HL-60 cells using non-radioactive synthetic oligodeoxynucleotide probes.. <i>Acta Histochemica Et Cytochemica</i> , 1989, 22, 295-307.	1.6	27
103	Correlation of T cell receptor gene rearrangements to T cell surface antigen expression and to serum immunoglobulin level inscid mice. <i>European Journal of Immunology</i> , 1987, 17, 1467-1471.	2.9	46
104	Isolation and allelic polymorphism of cDNA clones and genomic clones of HLA-DP heavy and light chains. <i>Human Immunology</i> , 1986, 17, 355-367.	2.4	16
105	Heterodyne interferometer of coaxial CO <sub>2</sub> and He-Ne lasers for plasma density measurements. <i>Review of Scientific Instruments</i> , 1986, 57, 1286-1289.	1.3	2
106	CO <sub>2</sub> Lasers in Fusion Plasma Diagnostics. <i>The Review of Laser Engineering</i> , 1986, 14, 290-300.	0.0	0
107	Molecular Genetic Analysis of Myelin-Deficient Mice: Shiverer Mutant Mice Show Deletion in Gene(s) Coding for Myelin Basic Protein. <i>Journal of Neurochemistry</i> , 1985, 44, 692-696.	3.9	99
108	Powerful single-frequency CO <sub>2</sub> laser for plasma diagnostics. <i>Review of Scientific Instruments</i> , 1984, 55, 1632-1635.	1.3	2

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109	Structural analysis of the dnaA and dnaN genes of Escherichia coli. Gene, 1984, 28, 159-170.	2.2	120
110	Identification of transfer RNA suppressors in Escherichia coli. Journal of Molecular Biology, 1984, 177, 609-625.	4.2	33
111	High Speed MoSi2-Gate CMOS/SOS Devices. Japanese Journal of Applied Physics, 1981, 20, 117.	1.5	0