

Jun-ichi Miyazaki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

368
papers

27,478
citations

80
h-index

156
g-index

371
ext. papers

29,312
ext. citations

6.5
avg, IF

6.38
L-index

#	Paper	IF	Citations
368	Screening of a novel free fatty acid receptor 1 (FFAR1) agonist peptide by phage display and machine learning based-amino acid substitution. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 550, 177-183	3.4	1
367	Glucotoxicity-induced suppression of Cox6a2 expression provokes β cell dysfunction via augmented ROS production. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 556, 134-141	3.4	1
366	Establishment of a long-term stable β cell line and its application to analyze the effect of Gcg expression on insulin secretion. <i>Scientific Reports</i> , 2021 , 11, 477	4.9	4
365	Exophilin-5 regulates allergic airway inflammation by controlling IL-33-mediated Th2 responses. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3919-3935	15.9	6
364	FOXO1 regulates developmental lymphangiogenesis by upregulating CXCR4 in the mouse-tail dermis. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	8
363	Origin and differentiation trajectories of fibroblastic reticular cells in the splenic white pulp. <i>Nature Communications</i> , 2019 , 10, 1739	17.4	43
362	IRE1-XBP1 pathway regulates oxidative proinsulin folding in pancreatic β cells. <i>Journal of Cell Biology</i> , 2018 , 217, 1287-1301	7.3	57
361	Olfactory receptors are expressed in pancreatic β cells and promote glucose-stimulated insulin secretion. <i>Scientific Reports</i> , 2018 , 8, 1499	4.9	23
360	Mouse GTSF1 is an essential factor for secondary piRNA biogenesis. <i>EMBO Reports</i> , 2018 , 19,	6.5	22
359	Non-surgical model for alveolar bone regeneration by bone morphogenetic protein-2/7 gene therapy. <i>Journal of Periodontology</i> , 2018 , 89, 85-92	4.6	5
358	Tip-cell behavior is regulated by transcription factor FoxO1 under hypoxic conditions in developing mouse retinas. <i>Angiogenesis</i> , 2018 , 21, 203-214	10.6	34
357	Cell competition with normal epithelial cells promotes apical extrusion of transformed cells through metabolic changes. <i>Nature Cell Biology</i> , 2017 , 19, 530-541	23.4	112
356	Zfp296 negatively regulates H3K9 methylation in embryonic development as a component of heterochromatin. <i>Scientific Reports</i> , 2017 , 7, 12462	4.9	9
355	B-1 B cell progenitors transiently and partially express keratin 5 during differentiation in bone marrow. <i>Journal of Dermatological Science</i> , 2016 , 81, 173-81	4.3	1
354	Gtsf1l and Gtsf2 Are Specifically Expressed in Gonocytes and Spermatids but Are Not Essential for Spermatogenesis. <i>PLoS ONE</i> , 2016 , 11, e0150390	3.7	10
353	Transgenic Expression of a Single Transcription Factor Pdx1 Induces Transdifferentiation of Pancreatic Acinar Cells to Endocrine Cells in Adult Mice. <i>PLoS ONE</i> , 2016 , 11, e0161190	3.7	14
352	Functional Analysis of Novel Candidate Regulators of Insulin Secretion in the MIN6 Mouse Pancreatic β Cell Line. <i>PLoS ONE</i> , 2016 , 11, e0151927	3.7	17

351	Embryonal zygote protects pancreatic β cells against endoplasmic reticulum stress in male mice. <i>Endocrinology</i> , 2015 , 156, 1242-50	4.8	36
350	Preserving MafA expression in diabetic islet β cells improves glycemic control in vivo. <i>Journal of Biological Chemistry</i> , 2015 , 290, 7647-57	5.4	39
349	TGF- β -expressing CD4+CD25(-)LAG3+ regulatory T cells control humoral immune responses. <i>Nature Communications</i> , 2015 , 6, 6329	17.4	78
348	A novel insulinotropic mechanism of whole grain-derived Embryonal zygote via the suppression of local dopamine D receptor signalling in mouse islet. <i>British Journal of Pharmacology</i> , 2015 , 172, 4519-4534	8.6	12
347	Potent Insulin Secretagogue from <i>Scoparia dulcis</i> Linn of Nepalese Origin. <i>Phytotherapy Research</i> , 2015 , 29, 1672-5	6.7	12
346	Enhanced stability of hippocampal place representation caused by reduced magnesium block of NMDA receptors in the dentate gyrus. <i>Molecular Brain</i> , 2014 , 7, 44	4.5	9
345	Somatostatin analog inhibits the growth of insulinoma cells by p27-mediated G1 cell cycle arrest. <i>Pancreas</i> , 2014 , 43, 720-9	2.6	8
344	Auto-regulation of the <i>Sohlh1</i> gene by the SOHLH2/SOHLH1/SP1 complex: implications for early spermatogenesis and oogenesis. <i>PLoS ONE</i> , 2014 , 9, e101681	3.7	19
343	Suppression of experimental autoimmune encephalomyelitis by interleukin-10 transduced neural stem/progenitor cells. <i>Journal of Neuroinflammation</i> , 2013 , 10, 117	10.1	15
342	Improvement in protocol to generate homogeneous glutamatergic neurons from mouse embryonic stem cells reduced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 604-9	3.4	2
341	Expansion and conversion of human pancreatic ductal cells into insulin-secreting endocrine cells. <i>ELife</i> , 2013 , 2, e00940	8.9	105
340	Functional analysis of <i>Tcl1</i> using <i>Tcl1</i> -deficient mouse embryonic stem cells. <i>PLoS ONE</i> , 2013 , 8, e71645	3.7	9
339	Microarray analysis of novel candidate genes responsible for glucose-stimulated insulin secretion in mouse pancreatic β cell line MIN6. <i>PLoS ONE</i> , 2013 , 8, e61211	3.7	20
338	Analysis of <i>Foxo1</i> -regulated genes using <i>Foxo1</i> -deficient pancreatic β cells. <i>Genes To Cells</i> , 2012 , 17, 758-67	2.3	12
337	Analysis of the transcription factor cascade that induces endocrine and exocrine cell lineages from pancreatic progenitor cells using a polyoma-based episomal vector system. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 41-51	3.9	1
336	BMP-2 gene transfer under various conditions with in vivo electroporation and bone induction. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2012 , 24, 49-53	0.4	1
335	Acinar-to-ductal metaplasia induced by adenovirus-mediated pancreatic expression of <i>Isl1</i> . <i>PLoS ONE</i> , 2012 , 7, e47536	3.7	3
334	Voltage-gated K ⁺ channel <i>KCNQ1</i> regulates insulin secretion in MIN6 β cell line. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 407, 620-5	3.4	60

333	Rho/Rho-kinase signaling pathway controls axon patterning of a specified subset of cranial motor neurons. <i>European Journal of Neuroscience</i> , 2011 , 33, 612-21	3.5	8
332	Establishment of a new murine model of hypercalcemia with anorexia by overexpression of soluble receptor activator of NF- κ B ligand using an adenovirus vector. <i>Journal of Bone and Mineral Metabolism</i> , 2011 , 29, 414-21	2.9	11
331	Advanced glycation end products are direct modulators of β cell function. <i>Diabetes</i> , 2011 , 60, 2523-32	0.9	111
330	High expression of IL-22 suppresses antigen-induced immune responses and eosinophilic airway inflammation via an IL-10-associated mechanism. <i>Journal of Immunology</i> , 2011 , 187, 5077-89	5.3	58
329	PDGFR α -positive cells in bone marrow are mobilized by high mobility group box 1 (HMGB1) to regenerate injured epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6609-14	11.5	178
328	Cellular Injury of Cardiomyocytes during Hepatocyte Growth Factor Gene Transfection with Ultrasound-Triggered Bubble Liposome Destruction. <i>Journal of Drug Delivery</i> , 2011 , 2011, 453619	2.3	2
327	Embryonic Stem Cells Maintain an Undifferentiated State on Dendrimer-Immobilized Surface with d-Glucose Display. <i>Polymers</i> , 2011 , 3, 2078-2087	4.5	1
326	Proatherogenic effect of interleukin-18 is exerted with high-fat diet, but not with normal diet in spontaneously hyperlipidemic mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011 , 18, 1090-101	4	4
325	Maternal-effect gene <i>Ces5/Ooep/Moep19/Floped</i> is essential for oocyte cytoplasmic lattice formation and embryonic development at the maternal-zygotic stage transition. <i>Genes To Cells</i> , 2010 , 15, 813-28	2.3	56
324	Nuclear hormone retinoid X receptor (RXR) negatively regulates the glucose-stimulated insulin secretion of pancreatic β cells. <i>Diabetes</i> , 2010 , 59, 2854-61	0.9	28
323	CXCR4 is required for proper regional and laminar distribution of cortical somatostatin-, calretinin-, and neuropeptide Y-expressing GABAergic interneurons. <i>Cerebral Cortex</i> , 2010 , 20, 2810-7	5.1	26
322	Participation of CD11b and F4/80 molecules in the conjunctival eosinophilia of experimental allergic conjunctivitis. <i>International Archives of Allergy and Immunology</i> , 2010 , 151, 129-36	3.7	13
321	The physiological roles of vesicular GABA transporter during embryonic development: a study using knockout mice. <i>Molecular Brain</i> , 2010 , 3, 40	4.5	49
320	Biphasic Aire expression in early embryos and in medullary thymic epithelial cells before end-stage terminal differentiation. <i>Journal of Experimental Medicine</i> , 2010 , 207, 963-71	16.6	110
319	Rim2 α determines docking and priming states in insulin granule exocytosis. <i>Cell Metabolism</i> , 2010 , 12, 117-29	24.6	82
318	Establishment of new clonal pancreatic β cell lines (MIN6-K) useful for study of incretin/cyclic adenosine monophosphate signaling. <i>Journal of Diabetes Investigation</i> , 2010 , 1, 137-42	3.9	32
317	CXC chemokine ligand 10 DNA vaccination plus Complete Freund's Adjuvant reverses hyperglycemia in non-obese diabetic mice. <i>Review of Diabetic Studies</i> , 2010 , 7, 209-24	3.6	6
316	Dendrimer-Immobilized Culture Surface as a Tool to Promote Aggregate Formation of Anchorage-Dependent Cells 2010 , 57-63		

315	IFN-gamma attenuates antigen-induced overall immune response in the airway as a Th1-type immune regulatory cytokine. <i>Journal of Immunology</i> , 2009 , 183, 209-20	5.3	40
314	Random walk behavior of migrating cortical interneurons in the marginal zone: time-lapse analysis in flat-mount cortex. <i>Journal of Neuroscience</i> , 2009 , 29, 1300-11	6.6	85
313	Residual laminin-binding activity and enhanced dystroglycan glycosylation by LARGE in novel model mice to dystroglycanopathy. <i>Human Molecular Genetics</i> , 2009 , 18, 621-31	5.6	64
312	Systemic overexpression of IFN-gamma and IL-5 exacerbates early phase reaction and conjunctival eosinophilia, respectively, in experimental allergic conjunctivitis. <i>British Journal of Ophthalmology</i> , 2009 , 93, 1680-5	5.5	1
311	Sema4D deficiency results in an increase in the number of oligodendrocytes in healthy and injured mouse brains. <i>Journal of Neuroscience Research</i> , 2009 , 87, 2833-41	4.4	30
310	Simple strategy for bone regeneration with a BMP-2/7 gene expression cassette vector. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 390, 1012-7	3.4	18
309	Sohlh2 affects differentiation of KIT positive oocytes and spermatogonia. <i>Developmental Biology</i> , 2009 , 325, 238-48	3.1	81
308	Gtsf1/Cue110, a gene encoding a protein with two copies of a CHHC Zn-finger motif, is involved in spermatogenesis and retrotransposon suppression in murine testes. <i>Developmental Biology</i> , 2009 , 335, 216-27	3.1	46
307	Induction of anti-whole GAD65 reactivity in vivo results in disease suppression in type 1 diabetes. <i>Journal of Autoimmunity</i> , 2009 , 32, 104-9	15.5	13
306	Stepwise development of hematopoietic stem cells from embryonic stem cells. <i>PLoS ONE</i> , 2009 , 4, e4820	7	34
305	Electrotransfer of Plasmid Vector DNA into Muscle 2009 , 249-262		1
304	In vivo DNA electrotransfer into muscle. <i>Development Growth and Differentiation</i> , 2008 , 50, 479-83	3	20
303	Electroporation-mediated transfer of plasmid DNA encoding IL-10 attenuates orthotopic tracheal allograft stenosis in rats. <i>Transplant Immunology</i> , 2008 , 19, 173-7	1.7	2
302	ATF4-mediated induction of 4E-BP1 contributes to pancreatic beta cell survival under endoplasmic reticulum stress. <i>Cell Metabolism</i> , 2008 , 7, 269-76	24.6	123
301	Hyperplastic islets observed in "reversed" NOD mice treated without hematopoietic cells. <i>Diabetes Research and Clinical Practice</i> , 2008 , 79, 18-23	7.4	6
300	Transgenic expression of antioxidant protein thioredoxin in pancreatic beta cells prevents progression of type 2 diabetes mellitus. <i>Antioxidants and Redox Signaling</i> , 2008 , 10, 43-9	8.4	61
299	Alteration of IL-17 related protein expressions in experimental autoimmune myocarditis and inhibition of IL-17 by IL-10-Ig fusion gene transfer. <i>Circulation Journal</i> , 2008 , 72, 813-9	2.9	40
298	Naked plasmid DNA-based alpha-galactosidase A gene transfer partially reduces systemic accumulation of globotriaosylceramide in Fabry mice. <i>Molecular Biotechnology</i> , 2008 , 38, 109-19	3	16

297	In vitro transformation of adult rat hepatic progenitor cells into pancreatic endocrine hormone-producing cells. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2008 , 15, 310-7		7
296	Hydrodynamics-based delivery of plasmid DNA encoding CTLA4-Ig prolonged cardiac allograft survival in rats. <i>Journal of Gene Medicine</i> , 2008 , 10, 290-7	3.5	8
295	Novel mutations of the GLA gene in Japanese patients with Fabry disease and their functional characterization by active site specific chaperone. <i>Human Mutation</i> , 2008 , 29, 331	4.7	45
294	Enrichment of undifferentiated mouse embryonic stem cells on a culture surface with a glucose-displaying dendrimer. <i>Biomaterials</i> , 2008 , 29, 4236-43	15.6	14
293	Hepatocyte growth factor gene therapy for hypertension. <i>Methods in Molecular Biology</i> , 2008 , 423, 393-404		6
292	Disruption of the mouse protein Ser/Thr phosphatase 2Cbeta gene leads to early pre-implantation lethality. <i>Mechanisms of Development</i> , 2007 , 124, 489-99	1.7	22
291	Amyloidosis in transgenic mice expressing murine amyloidogenic apolipoprotein A-II (Apoa2c). <i>Laboratory Investigation</i> , 2007 , 87, 633-43	5.9	20
290	Gene expression pattern of Cue110: a member of the uncharacterized UPF0224 gene family preferentially expressed in germ cells. <i>Gene Expression Patterns</i> , 2007 , 8, 27-35	1.5	16
289	Anti-oxidative effect of Klotho on endothelial cells through cAMP activation. <i>Endocrine</i> , 2007 , 31, 82-7		78
288	Essential role of Epac2/Rap1 signaling in regulation of insulin granule dynamics by cAMP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 19333-8	11.5	318
287	IL-5-induced hypereosinophilia suppresses the antigen-induced immune response via a TGF-beta-dependent mechanism. <i>Journal of Immunology</i> , 2007 , 179, 284-94	5.3	17
286	Sox17 plays a substantial role in late-stage differentiation of the extraembryonic endoderm in vitro. <i>Journal of Cell Science</i> , 2007 , 120, 3859-69	5.3	62
285	Activating Fc gamma receptors participate in the development of autoimmune diabetes in NOD mice. <i>Journal of Immunology</i> , 2007 , 179, 764-74	5.3	54
284	Meltrin beta expressed in cardiac neural crest cells is required for ventricular septum formation of the heart. <i>Developmental Biology</i> , 2007 , 303, 82-92	3.1	35
283	Both Pdx-1 and NeuroD1 genes are requisite for the maintenance of insulin gene expression in ES-derived differentiated cells. <i>Diabetes Research and Clinical Practice</i> , 2007 , 77 Suppl 1, S138-42	7.4	3
282	Gastrointestinal hormones (anorexigenic peptide YY and orexigenic ghrelin) influence neural tube development. <i>FASEB Journal</i> , 2007 , 21, 2108-12	0.9	21
281	Gender difference in ICER Igamma transgenic diabetic mouse. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007 , 71, 1920-6	2.1	9
280	Stimulation of cAMP signalling allows isolation of clonal pancreatic precursor cells from adult mouse pancreas. <i>Diabetologia</i> , 2006 , 49, 2359-67	10.3	28

279	Simultaneous gene transfer of bone morphogenetic protein (BMP) -2 and BMP-7 by in vivo electroporation induces rapid bone formation and BMP-4 expression. <i>BMC Musculoskeletal Disorders</i> , 2006 , 7, 62	2.8	45
278	Attenuation of mouse acute colitis by naked hepatocyte growth factor gene transfer into the liver. <i>Journal of Gene Medicine</i> , 2006 , 8, 623-35	3.5	19
277	Unregulated insulin secretion by pancreatic beta cells in hyperinsulinism/hyperammonemia syndrome: role of glutamate dehydrogenase, ATP-sensitive potassium channel, and nonselective cation channel. <i>Pediatric Research</i> , 2006 , 59, 359-64	3.2	7
276	WFS1-deficiency increases endoplasmic reticulum stress, impairs cell cycle progression and triggers the apoptotic pathway specifically in pancreatic beta-cells. <i>Human Molecular Genetics</i> , 2006 , 15, 1600-9	5.6	179
275	Brd4 is required for recovery from antimicrotubule drug-induced mitotic arrest: preservation of acetylated chromatin. <i>Molecular Biology of the Cell</i> , 2006 , 17, 814-23	3.5	54
274	Klf4 cooperates with Oct3/4 and Sox2 to activate the Lefty1 core promoter in embryonic stem cells. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7772-82	4.8	203
273	In vivo IL-10 gene delivery attenuates bleomycin induced pulmonary fibrosis by inhibiting the production and activation of TGF-beta in the lung. <i>Thorax</i> , 2006 , 61, 886-94	7.3	108
272	Apoptosis signal-regulating kinase 1 mediates cellular senescence induced by high glucose in endothelial cells. <i>Diabetes</i> , 2006 , 55, 1660-5	0.9	132
271	Protection against CCL4-induced injury in liver by adenovirally introduced thioredoxin gene. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 350, 157-61	3.4	3
270	Investigation of the fate of Sry-expressing cells using an in vivo Cre/loxP system. <i>Development Growth and Differentiation</i> , 2006 , 48, 41-7	3	8
269	Abnormal migration and distribution of neural crest cells in Pax6 heterozygous mutant eye, a model for human eye diseases. <i>Genes To Cells</i> , 2006 , 11, 919-33	2.3	61
268	Effects of viral interleukin 10 introduced by in vivo electroporation on arthrogen-induced arthritis in mice. <i>Journal of Rheumatology</i> , 2006 , 33, 455-62	4.1	13
267	Cancer gene therapy using in vivo electroporation of Flt3-ligand 2005 , 27, 457		2
266	Stimulation of hepatocyte survival and suppression of CCL4-induced liver injury by the adenovirally introduced C/EBPbeta gene. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 182-7	3.4	6
265	Detection of elements responsible for stage- and tissue-specific expression of mouse Sry using an in vitro Cre/loxP system. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 337, 264-70	3.4	4
264	Development of a single-cassette system for spatiotemporal gene regulation in mice. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 1083-8	3.4	27
263	Protective role for cytosolic phospholipase A2alpha in autoimmune diabetes of mice. <i>FEBS Letters</i> , 2005 , 579, 3975-8	3.8	20
262	Establishment of a diabetic mouse model with progressive diabetic nephropathy. <i>American Journal of Pathology</i> , 2005 , 167, 327-36	5.8	38

261	Differential expression of mRNAs for PACAP and its receptors during neural differentiation of embryonic stem cells. <i>Regulatory Peptides</i> , 2005 , 126, 109-13		20
260	Hex stimulates the hepatocyte nuclear factor 1alpha-mediated activation of transcription. <i>Archives of Biochemistry and Biophysics</i> , 2005 , 442, 117-24	4.1	17
259	Prevention of experimental autoimmune myocarditis by hydrodynamics-based naked plasmid DNA encoding CTLA4-Ig gene delivery. <i>Journal of Cardiac Failure</i> , 2005 , 11, 557-64	3.3	12
258	Epidermis-targeted gene transfer using in vivo electroporation. <i>Methods in Molecular Biology</i> , 2005 , 289, 431-6	1.4	5
257	The testicular fatty acid binding protein PERF15 regulates the fate of germ cells in PERF15 transgenic mice. <i>Development Growth and Differentiation</i> , 2005 , 47, 15-24	3	33
256	The effect of hydrodynamics-based delivery of an IL-13-Ig fusion gene for experimental autoimmune myocarditis in rats and its possible mechanism. <i>European Journal of Immunology</i> , 2005 , 35, 1995-2005	6.1	21
255	Human BMP-2 gene transfer using transcutaneous in vivo electroporation induced both intramembranous and endochondral ossification. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005 , 287, 1264-71		17
254	A CMV-actin-globin hybrid promoter improves adeno-associated viral vector gene expression in the arterial wall in vivo. <i>Journal of Gene Medicine</i> , 2005 , 7, 1348-55	3.5	7
253	Free fatty acid receptor 1 (FFA(1)R/GPR40) and its involvement in fatty-acid-stimulated insulin secretion. <i>Cell and Tissue Research</i> , 2005 , 322, 207-15	4.2	121
252	Effect of hydrodynamics-based gene delivery of plasmid DNA encoding interleukin-1 receptor antagonist-Ig for treatment of rat autoimmune myocarditis: possible mechanism for lymphocytes and noncardiac cells. <i>Circulation</i> , 2005 , 111, 1593-600	16.7	29
251	Defective water and glycerol transport in the proximal tubules of AQP7 knockout mice. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 289, F1195-200	4.3	85
250	The PTEN/PI3K pathway governs normal vascular development and tumor angiogenesis. <i>Genes and Development</i> , 2005 , 19, 2054-65	12.6	232
249	Sustained transgene expression in rat kidney with naked plasmid DNA and PCR-amplified DNA fragments. <i>Journal of Biochemistry</i> , 2005 , 137, 373-80	3.1	5
248	Widespread and early myocardial gene expression by adeno-associated virus vector type 6 with a beta-actin hybrid promoter. <i>Molecular Therapy</i> , 2005 , 11, 980-5	11.7	33
247	A novel role of hepatocyte growth factor as an immune regulator through suppressing dendritic cell function. <i>Journal of Immunology</i> , 2005 , 175, 4745-53	5.3	185
246	CXCL10 DNA vaccination prevents spontaneous diabetes through enhanced beta cell proliferation in NOD mice. <i>Journal of Immunology</i> , 2005 , 175, 8401-8	5.3	28
245	In vivo IL-10 gene delivery suppresses airway eosinophilia and hyperreactivity by down-regulating APC functions and migration without impairing the antigen-specific systemic immune response in a mouse model of allergic airway inflammation. <i>Journal of Immunology</i> , 2005 , 174, 6955-66	5.3	63
244	Adipocytes from Munc18c-null mice show increased sensitivity to insulin-stimulated GLUT4 externalization. <i>Journal of Clinical Investigation</i> , 2005 , 115, 291-301	15.9	102

243	p38alpha mitogen-activated protein kinase plays a critical role in cardiomyocyte survival but not in cardiac hypertrophic growth in response to pressure overload. <i>Molecular and Cellular Biology</i> , 2004 , 24, 10611-20	4.8	188
242	Anti-angiogenic action of the C-terminal domain of tenomodulin that shares homology with chondromodulin-I. <i>Journal of Cell Science</i> , 2004 , 117, 2731-44	5.3	62
241	Identification of the transactivating region of the homeodomain protein, hex. <i>Journal of Biochemistry</i> , 2004 , 135, 217-23	3.1	15
240	Survival of developing motor neurons mediated by Rho GTPase signaling pathway through Rho-kinase. <i>Journal of Neuroscience</i> , 2004 , 24, 3480-8	6.6	75
239	Treatment of dilated cardiomyopathy with electroporation of hepatocyte growth factor gene into skeletal muscle. <i>Hypertension</i> , 2004 , 44, 365-71	8.5	16
238	Interaction between hex and GATA transcription factors in vascular endothelial cells inhibits flk-1/KDR-mediated vascular endothelial growth factor signaling. <i>Journal of Biological Chemistry</i> , 2004 , 279, 20626-35	5.4	42
237	Overexpression of inducible cyclic AMP early repressor inhibits transactivation of genes and cell proliferation in pancreatic beta cells. <i>Molecular and Cellular Biology</i> , 2004 , 24, 2831-41	4.8	64
236	IL-5-Induced Eosinophils Suppress the Growth of Leishmania amazonensis In Vivo and Kill Promastigotes In Vitro in Response to Either IL-4 or IFN-gamma. <i>DNA and Cell Biology</i> , 2004 , 23, 412-8	3.6	15
235	Lamr1 functional retroposon causes right ventricular dysplasia in mice. <i>Nature Genetics</i> , 2004 , 36, 123-30	6.3	41
234	IL-12 p40 prevents the development of chronic enterocolitis in IL-10-deficient mice. <i>Laboratory Investigation</i> , 2004 , 84, 1491-500	5.9	13
233	Rat liver-targeted naked plasmid DNA transfer by tail vein injection. <i>Molecular Biotechnology</i> , 2004 , 26, 165-72	3	15
232	Rat kidney-targeted naked plasmid DNA transfer by retrograde injection into the renal vein. <i>Molecular Biotechnology</i> , 2004 , 27, 23-31	3	7
231	Development of autoimmune diabetes in glutamic acid decarboxylase 65 (GAD65) knockout NOD mice. <i>Diabetologia</i> , 2004 , 47, 221-4	10.3	54
230	TrkC kinase expression in distinct subsets of cutaneous trigeminal innervation and nonneuronal cells. <i>Journal of Comparative Neurology</i> , 2004 , 480, 392-414	3.4	32
229	Fate of transient catecholaminergic cell types revealed by site-specific recombination in transgenic mice. <i>Journal of Neuroscience Research</i> , 2004 , 78, 7-15	4.4	15
228	Needleless in vivo gene transfer into muscles by jet injection in combination with electroporation. <i>Journal of Gene Medicine</i> , 2004 , 6, 1134-8	3.5	14
227	Kidney-targeted naked DNA transfer by retrograde injection into the renal vein in mice. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 314, 390-5	3.4	10
226	In vitro induction of adult hepatic progenitor cells into insulin-producing cells. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 318, 625-30	3.4	59

225	Pdx-1 enables insulin secretion by regulating synaptotagmin 1 gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 318, 631-5	3.4	19
224	Regulated expression of pdx-1 promotes in vitro differentiation of insulin-producing cells from embryonic stem cells. <i>Diabetes</i> , 2004 , 53, 1030-7	0.9	232
223	Protective effect of montmorillonite on plasmid DNA in oral gene delivery into small intestine. <i>Biological and Pharmaceutical Bulletin</i> , 2004 , 27, 2049-51	2.3	38
222	A novel method to assay proteins in blood plasma after intravenous injection of plasmid DNA. <i>Tohoku Journal of Experimental Medicine</i> , 2004 , 202, 155-61	2.4	9
221	Cardiac-specific disruption of the c-raf-1 gene induces cardiac dysfunction and apoptosis. <i>Journal of Clinical Investigation</i> , 2004 , 114, 937-943	15.9	138
220	Cardiac-specific disruption of the c-raf-1 gene induces cardiac dysfunction and apoptosis. <i>Journal of Clinical Investigation</i> , 2004 , 114, 937-43	15.9	80
219	Regenerative medicine of pancreatic beta cells.. <i>Seibutsu Butsuri Kagaku</i> , 2004 , 48, 139-141		
218	Enhanced genomic instability and defective postreplication repair in RAD18 knockout mouse embryonic stem cells. <i>Molecular and Cellular Biology</i> , 2003 , 23, 474-81	4.8	106
217	Systemic administration of IL-18 promotes diabetes development in young nonobese diabetic mice. <i>Journal of Immunology</i> , 2003 , 171, 5865-75	5.3	64
216	Analysis of insulin-producing cells during in vitro differentiation from feeder-free embryonic stem cells. <i>Diabetes</i> , 2003 , 52, 1163-8	0.9	137
215	Nonviral gene gun mediated transfer into the beating heart. <i>ASAIO Journal</i> , 2003 , 49, 641-4	3.6	23
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