Satoru Takahashi

List of Publications by Year
in descending order

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222 papers	12,796 citations	57719 44 h-index	26591 107 g-index
228 all docs	228 docs citations	228 times ranked	18395 citing authors

#	Article	IF	Citations
1	An Nrf2/Small Maf Heterodimer Mediates the Induction of Phase II Detoxifying Enzyme Genes through Antioxidant Response Elements. Biochemical and Biophysical Research Communications, 1997, 236, 313-322.	1.0	3,495
2	Transcription Factor Nrf2 Coordinately Regulates a Group of Oxidative Stress-inducible Genes in Macrophages. Journal of Biological Chemistry, 2000, 275, 16023-16029.	1.6	1,297
3	Aberrant PD-L1 expression through 3â€²-UTR disruption in multiple cancers. Nature, 2016, 534, 402-406.	13.7	536
4	T-bet and Eomes instruct the development of two distinct natural killer cell lineages in the liver and in the bone marrow. Journal of Experimental Medicine, 2014, 211, 563-577.	4.2	462
5	MafA Is a Key Regulator of Glucose-Stimulated Insulin Secretion. Molecular and Cellular Biology, 2005, 25, 4969-4976.	1.1	423
6	Nrf2-deficient female mice develop lupus-like autoimmune nephritis11See Editorial by Byrd and Thomas, p. 1606.. Kidney International, 2001, 60, 1343-1353.	2.6	313
7	Forward-genetics analysis of sleep in randomly mutagenized mice. Nature, 2016, 539, 378-383.	13.7	266
8	Regulation of Lens Fiber Cell Differentiation by Transcription Factor c-Maf. Journal of Biological Chemistry, 1999, 274, 19254-19260.	1.6	226
9	Quantitative phosphoproteomic analysis of the molecular substrates of sleep need. Nature, 2018, 558, 435-439.	13.7	195
10	MafB Is Essential for Renal Development and F4/80 Expression in Macrophages. Molecular and Cellular Biology, 2006, 26, 5715-5727.	1.1	189
11	Hyperglycemia induces oxidative and nitrosative stress and increases renal functional impairment in Nrf2â€deficient mice. Genes To Cells, 2008, 13, 1159-1170.	0.5	175
12	MAFB prevents excess inflammation after ischemic stroke by accelerating clearance of damage signals through MSR1. Nature Medicine, 2017, 23, 723-732.	15.2	159
13	Histone Variants Enriched in Oocytes Enhance Reprogramming to Induced Pluripotent Stem Cells. Cell Stem Cell, 2014, 14, 217-227.	5.2	130
14	Role of GATA-1 in Proliferation and Differentiation of Definitive Erythroid and Megakaryocytic Cells In Vivo. Blood, 1998, 92, 434-442.	0.6	123
15	Transcription factor c-Maf is a checkpoint that programs macrophages in lung cancer. Journal of Clinical Investigation, 2020, 130, 2081-2096.	3.9	108
16	Competition for Mitogens Regulates Spermatogenic Stem Cell Homeostasis in an Open Niche. Cell Stem Cell, 2019, 24, 79-92.e6.	5.2	105
17	Simple generation of albino C57BL/6J mice with G291T mutation in the tyrosinase gene by the CRISPR/Cas9 system. Mammalian Genome, 2014, 25, 327-334.	1.0	103
18	The Mouse GATA-2 Gene is Expressed in the Para-Aortic Splanchnopleura and Aorta-Gonads and Mesonephros Region. Blood, 1999, 93, 4196-4207.	0.6	102

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19	MafA is critical for maintenance of the mature beta cell phenotype in mice. Diabetologia, 2015, 58, 566-574.	2.9	102
20	Defective development of secretory neurones in the hypothalamus of Arnt2-knockout mice. Genes To Cells, 2001, 6, 361-374.	0.5	99
21	Transcription Factors GATA-3 and RORÎ³t Are Important for Determining the Phenotype of Allergic Airway Inflammation in a Murine Model of Asthma. Journal of Immunology, 2013, 190, 1056-1065.	0.4	99
22	Transcription Factors T-bet and GATA-3 Regulate Development of Airway Remodeling. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 142-151.	2.5	96
23	Nrf2 Improves Leptin and Insulin Resistance Provoked by Hypothalamic Oxidative Stress. Cell Reports, 2017, 18, 2030-2044.	2.9	96
24	GATA factor transgenes under GATA-1 locus control rescue germline GATA-1 mutant deficiencies. Blood, 2000, 96, 910-916.	0.6	96
25	MafB promotes atherosclerosis by inhibiting foam-cell apoptosis. Nature Communications, 2014, 5, 3147.	5.8	92
26	Differential roles of GATAâ€1 and GATAâ€2 in growth and differentiation of mast cells. Genes To Cells, 1998, 3, 39-50.	0.5	87
27	EPR imaging of reducing activity in Nrf2 transcriptional factor-deficient mice. Free Radical Biology and Medicine, 2003, 34, 1236-1242.	1.3	81
28	SHISA6 Confers Resistance to Differentiation-Promoting Wnt/Î²-Catenin Signaling in Mouse Spermatogenic Stem Cells. Stem Cell Reports, 2017, 8, 561-575.	2.3	79
29	Manipulation of Nephron-Patterning Signals Enables Selective Induction of Podocytes from Human Pluripotent Stem Cells. Journal of the American Society of Nephrology: JASN, 2019, 30, 304-321.	3.0	66
30	Development of new experimental platform â€˜MARSâ€™â€”Multiple Artificial-gravity Research Systemâ€”to elucidate the impacts of micro/partial gravity on mice. Scientific Reports, 2017, 7, 10837.	1.6	64
31	ARK5 is transcriptionally regulated by the Large-MAF family and mediates IGF-1-induced cell invasion in multiple myeloma: ARK5 as a new molecular determinant of malignant multiple myeloma. Oncogene, 2005, 24, 6936-6944.	2.6	61
32	Mouse MafA, homologue of zebrafish somite Maf 1, contributes to the specific transcriptional activity through the insulin promoter. Biochemical and Biophysical Research Communications, 2003, 312, 831-842.	1.0	60
33	Granuphilin is activated by SREBP-1c and involved in impaired insulin secretion in diabetic mice. Cell Metabolism, 2006, 4, 143-154.	7.2	60
34	MafB is a critical regulator of complement component C1q. Nature Communications, 2017, 8, 1700.	5.8	60
35	A mutation in transcription factor MAFB causes Focal Segmental Glomerulosclerosis with Duane Retraction Syndrome. Kidney International, 2018, 94, 396-407.	2.6	58
36	Nrf2 in bone marrow-derived cells positively contributes to the advanced stage of atherosclerotic plaque formation. Free Radical Biology and Medicine, 2012, 53, 2256-2262.	1.3	56

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37	MafB interacts with Gcm2 and regulates parathyroid hormone expression and parathyroid development. Journal of Bone and Mineral Research, 2011, 26, 2463-2472.	3.1	55
38	Arf6 regulates tumour angiogenesis and growth through HGF-induced endothelial Î²1 integrin recycling. Nature Communications, 2015, 6, 7925.	5.8	52
39	A single phosphorylation site of SIK3 regulates daily sleep amounts and sleep need in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10458-10463.	3.3	52
40	Embryonic stem cells derived from C57BL/6J and C57BL/6N mice. Comparative Medicine, 2008, 58, 347-52.	0.4	51
41	c-Maf plays a crucial role for the definitive erythropoiesis that accompanies erythroblastic island formation in the fetal liver. Blood, 2011, 118, 1374-1385.	0.6	49
42	Characterization of GATA-1+ hemangioblastic cells in the mouse embryo. EMBO Journal, 2007, 26, 184-196.	3.5	48
43	<i>In Vivo</i> image Analysis Using iRFP Transgenic Mice. Experimental Animals, 2014, 63, 311-319.	0.7	48
44	Overexpression of the Transcription Factor GATA-3 Enhances the Development of Pulmonary Fibrosis. American Journal of Pathology, 2006, 169, 96-104.	1.9	47
45	Clinical efficacy of an Î±1A/D-adrenoceptor blocker (naftopidil) on overactive bladder symptoms in patients with benign prostatic hyperplasia. International Journal of Urology, 2006, 13, 15-20.	0.5	47
46	Sexually dimorphic expression of Mafb regulates masculinization of the embryonic urethral formation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16407-16412.	3.3	47
47	Transcription Factor MafB Coordinates Epidermal Keratinocyte Differentiation. Journal of Investigative Dermatology, 2016, 136, 1848-1857.	0.3	45
48	Upstream and downstream of erythroid transcription factor GATA-1. Genes To Cells, 1997, 2, 107-115.	0.5	44
49	Role of MafB in macrophages. Experimental Animals, 2020, 69, 1-10.	0.7	44
50	Hepatocyte ELOVL Fatty Acid Elongase 6 Determines Ceramide Acylâ€€Chain Length and Hepatic Insulin Sensitivity in Mice. Hepatology, 2020, 71, 1609-1625.	3.6	44
51	Isolation, Characterization, and Expression Analysis of Zebrafish Large Mafs. Journal of Biochemistry, 2001, 129, 139-146.	0.9	43
52	Th1 and Type 1 Cytotoxic T Cells Dominate Responses in T-bet Overexpression Transgenic Mice That Develop Contact Dermatitis. Journal of Immunology, 2007, 178, 605-612.	0.4	41
53	Regulation of an Autoimmune Model for Multiple Sclerosis in Th2-Biased GATA3 Transgenic Mice. International Journal of Molecular Sciences, 2014, 15, 1700-1718.	1.8	41
54	Impact of Spaceflight and Artificial Gravity on the Mouse Retina: Biochemical and Proteomic Analysis. International Journal of Molecular Sciences, 2018, 19, 2546.	1.8	41

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55	Marked Induction of c-Maf Protein during Th17 Cell Differentiation and Its Implication in Memory Th Cell Development. Journal of Biological Chemistry, 2011, 286, 14963-14971.	1.6	40
56	Role of Th1/Th17 Balance Regulated by T-bet in a Mouse Model of Mycobacterium avium Complex Disease. Journal of Immunology, 2014, 192, 1707-1717.	0.4	38
57	Peripherally administered orexin improves survival of mice with endotoxin shock. ELife, 2016, 5, .	2.8	37
58	Overexpression of Mafb in Podocytes Protects against Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2014, 25, 2546-2557.	3.0	34
59	De Novo Mutations Activating Germline TP53 in an Inherited Bone-Marrow-Failure Syndrome. American Journal of Human Genetics, 2018, 103, 440-447.	2.6	33
60	Macrophages Switch Their Phenotype by Regulating Maf Expression during Different Phases of Inflammation. Journal of Immunology, 2018, 201, 635-651.	0.4	33
61	Feasibility of a Short-Arm Centrifuge for Mouse Hypergravity Experiments. PLoS ONE, 2015, 10, e0133981.	1.1	33
62	c-Maf is essential for the F4/80 expression in macrophages in vivo. Gene, 2009, 445, 66-72.	1.0	32
63	Lymphatic MAFB regulates vascular patterning during developmental and pathological lymphangiogenesis. Angiogenesis, 2020, 23, 411-423.	3.7	32
64	A Crucial Role of RORÎ³t in the Development of Spontaneous Sialadenitis-like SjÃ¶grenâ€™s Syndrome. Journal of Immunology, 2015, 194, 56-67.	0.4	31
65	Hyperlipidemia and hepatitis in liver-specific CREB3L3 knockout mice generated using a one-step CRISPR/Cas9 system. Scientific Reports, 2016, 6, 27857.	1.6	31
66	Activation of CD8 T cells accelerates anti-PD-1 antibody-induced psoriasis-like dermatitis through IL-6. Communications Biology, 2020, 3, 571.	2.0	31
67	Transgenic Overexpression of GATA-3 in T Lymphocytes Improves Autoimmune Glomerulonephritis in Mice with a BXSB/MpJ-Yaa Genetic Background. Journal of the American Society of Nephrology: JASN, 2003, 14, 2494-2502.	3.0	30
68	C1galt1-deficient mice exhibit thrombocytopenia due to abnormal terminal differentiation of megakaryocytes. Blood, 2013, 122, 1649-1657.	0.6	30
69	MafB Is Critical for Glucagon Production and Secretion in Mouse Pancreatic Î± Cells In Vivo. Molecular and Cellular Biology, 2018, 38, .	1.1	30
70	Comprehensive Identification of KrÃ¼ppel-Like Factor Family Members Contributing to the Self-Renewal of Mouse Embryonic Stem Cells and Cellular Reprogramming. PLoS ONE, 2016, 11, e0150715.	1.1	29
71	Visualization of endothelial cell cycle dynamics in mouse using the Flt-1/eGFP-anillin system. Angiogenesis, 2018, 21, 349-361.	3.7	29
72	MafA Is Required for Postnatal Proliferation of Pancreatic Î²-Cells. PLoS ONE, 2014, 9, e104184.	1.1	28

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73	Differential expression patterns of MafB and c-Maf in macrophages inÂvivo and inÂvitro. Biochemical and Biophysical Research Communications, 2016, 473, 118-124.	1.0	28
74	Neither MafA/Lâ€Maf nor MafB is essential for lens development in mice. Genes To Cells, 2009, 14, 941-947.	0.5	27
75	HTLVâ€1 basic leucineâ€zipper factor, HBZ, interacts with MafB and suppresses transcription through a Maf recognition element. Journal of Cellular Biochemistry, 2010, 111, 187-194.	1.2	27
76	Nrf2 contributes to the weight gain of mice during space travel. Communications Biology, 2020, 3, 496.	2.0	27
77	Overexpression of Tâ€bet gene regulates murine autoimmune arthritis. Arthritis and Rheumatism, 2012, 64, 162-172.	6.7	26
78	Loss of the conserved PKA sites of SIK1 and SIK2 increases sleep need. Scientific Reports, 2020, 10, 8676.	1.6	26
79	Transcriptome analysis of gravitational effects on mouse skeletal muscles under microgravity and artificial 1 g onboard environment. Scientific Reports, 2021, 11, 9168.	1.6	26
80	MafB deficiency accelerates the development of obesity in mice. FEBS Open Bio, 2016, 6, 540-547.	1.0	25
81	TRMT2A is a novel cell cycle regulator that suppresses cell proliferation. Biochemical and Biophysical Research Communications, 2019, 508, 410-415.	1.0	25
82	Gene expression profile of the third pharyngeal pouch reveals role of mesenchymal MafB in embryonic thymus development. Blood, 2009, 113, 2976-2987.	0.6	24
83	Overexpression of GATA-3 in T Cells Accelerates Dextran Sulfate Sodium-Induced Colitis. Experimental Animals, 2014, 63, 133-140.	0.7	24
84	Th17-biased RORÎ³t transgenic mice become susceptible to a viral model for multiple sclerosis. Brain, Behavior, and Immunity, 2015, 43, 86-97.	2.0	24
85	Differentiation of IL-17-Producing Invariant Natural Killer T Cells Requires Expression of the Transcription Factor c-Maf. Frontiers in Immunology, 2017, 8, 1399.	2.2	24
86	Male mice, caged in the International Space Station for 35 days, sire healthy offspring. Scientific Reports, 2019, 9, 13733.	1.6	24
87	Klf5 maintains the balance of primitive endoderm to epiblast specification during mouse embryonic development by suppression of Fgf4. Development (Cambridge), 2017, 144, 3706-3718.	1.2	24
88	RORÎ³t, but not T-bet, overexpression exacerbates an autoimmune model for multiple sclerosis. Journal of Neuroimmunology, 2014, 276, 142-149.	1.1	23
89	Efficient production of large deletion and gene fragment knock-in mice mediated by genome editing with Cas9-mouse Cdt1 in mouse zygotes. Methods, 2021, 191, 23-31.	1.9	23
90	Overexpression of <scp>ROR</scp>Î³t under control of the <scp>CD</scp>2 promoter induces polyclonal plasmacytosis and autoantibody production in transgenic mice. European Journal of Immunology, 2012, 42, 1999-2009.	1.6	22

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91	MafB antagonizes phenotypic alteration induced by GM-CSF in microglia. Biochemical and Biophysical Research Communications, 2015, 463, 109-115.	1.0	22
92	Ground-based assessment of JAXA mouse habitat cage unit by mouse phenotypic studies. Experimental Animals, 2016, 65, 175-187.	0.7	22
93	Generation of CRISPR/Cas9-mediated bicistronic knock-in <i>ins1-cre</i> driver mice. Experimental Animals, 2016, 65, 319-327.	0.7	22
94	Clec10a regulates mite-induced dermatitis. Science Immunology, 2019, 4, .	5.6	22
95	CRISPR/Cas9-based genome editing in mice uncovers 13 testis- or epididymis-enriched genes individually dispensable for male reproductionâ€. Biology of Reproduction, 2020, 103, 183-194.	1.2	21
96	c-Maf and MafB transcription factors are differentially expressed in Huxley's and Henle's layers of the inner root sheath of the hair follicle and regulate cuticle formation. Journal of Dermatological Science, 2010, 57, 178-182.	1.0	20
97	Transcription factor MafB in podocytes protects against the development of focal segmental glomerulosclerosis. Kidney International, 2020, 98, 391-403.	2.6	20
98	Ribosome binding protein GCN1Âregulates the cell cycle and cell proliferation and is essential for the embryonic development of mice. PLoS Genetics, 2020, 16, e1008693.	1.5	20
99	T-cellâ€“restricted T-bet overexpression induces aberrant hematopoiesis of myeloid cells and impairs function of macrophages in the lung. Blood, 2015, 125, 370-382.	0.6	19
100	Impact of spaceflight on the murine thymus and mitigation by exposure to artificial gravity during spaceflight. Scientific Reports, 2019, 9, 19866.	1.6	19
101	MAFB is dispensable for the fetal testis morphogenesis and the maintenance of spermatogenesis in adult mice. PLoS ONE, 2018, 13, e0190800.	1.1	19
102	The Mouse mafB 5'-Upstream Fragment Directs Gene Expression in Myelomonocytic Cells, Differentiated Macrophages and the Ventral Spinal Cord in Transgenic Mice. Journal of Biochemistry, 2003, 134, 203-210.	0.9	18
103	Lateralization, maturation, and anteroposterior topography in the lateral habenula revealed by ZIF268/EGR1 immunoreactivity and labeling history of neuronal activity. Neuroscience Research, 2015, 95, 27-37.	1.0	18
104	The effects of heat stress on morphological properties and intracellular signaling of denervated and intact soleus muscles in rats. Physiological Reports, 2017, 5, e13350.	0.7	17
105	Transcription factor MafB may play an important role in secondary hyperparathyroidism. Kidney International, 2018, 93, 54-68.	2.6	17
106	Klf5 suppresses ERK signaling in mouse pluripotent stem cells. PLoS ONE, 2018, 13, e0207321.	1.1	17
107	S-phase Synchronization Facilitates the Early Progression of Induced-Cardiomyocyte Reprogramming through Enhanced Cell-Cycle Exit. International Journal of Molecular Sciences, 2018, 19, 1364.	1.8	17
108	Nuclear factor E2-related factor 2 (NRF2) deficiency accelerates fast fibre type transition in soleus muscle during space flight. Communications Biology, 2021, 4, 787.	2.0	17

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109	Overexpression of human BAG3P209L in mice causes restrictive cardiomyopathy. Nature Communications, 2021, 12, 3575.	5.8	17
110	Postnatal lethality and chondrodysplasia in mice lacking both chondroitin sulfate N-acetylgalactosaminyltransferase-1 and -2. PLoS ONE, 2017, 12, e0190333.	1.1	16
111	Suppressed ERâ€associated degradation by intraglomerular cross talk between mesangial cells and podocytes causes podocyte injury in diabetic kidney disease. FASEB Journal, 2020, 34, 15577-15590.	0.2	16
112	A multistate stem cell dynamics maintains homeostasis in mouse spermatogenesis. Cell Reports, 2021, 37, 109875.	2.9	16
113	Mast4 determines the cell fate of MSCs for bone and cartilage development. Nature Communications, 2022, 13, .	5.8	16
114	Overactive bladder: magnetic versus electrical stimulation. Current Opinion in Obstetrics and Gynecology, 2003, 15, 429-433.	0.9	15
115	Involvement of RORÎ³t-overexpressing T cells in the development of autoimmune arthritis in mice. Arthritis Research and Therapy, 2015, 17, 105.	1.6	15
116	MafB Is Important for Pancreatic Î²-Cell Maintenance under a MafA-Deficient Condition. Molecular and Cellular Biology, 2019, 39, .	1.1	15
117	Down-regulation of GATA1-dependent erythrocyte-related genes in the spleens of mice exposed to a space travel. Scientific Reports, 2019, 9, 7654.	1.6	15
118	Induction of MutantSik3^{Sleepy}Allele in Neurons in Late Infancy Increases Sleep Need. Journal of Neuroscience, 2021, 41, 2733-2746.	1.7	15
119	Functional analysis of large MAF transcription factors and elucidation of their relationships with human diseases. Experimental Animals, 2021, 70, 264-271.	0.7	15
120	Generation of Insulin-Producing Cells from the Mouse Liver Using Î² Cell-Related Gene Transfer Including Mafa and Mafb. PLoS ONE, 2014, 9, e113022.	1.1	14
121	Visualization of the Epiblast and Visceral Endodermal Cells Using Fgf5-P2A-Venus BAC Transgenic Mice and Epiblast Stem Cells. PLoS ONE, 2016, 11, e0159246.	1.1	14
122	The small G protein Arf6 expressed in keratinocytes by HGF stimulation is a regulator for skin wound healing. Scientific Reports, 2017, 7, 46649.	1.6	14
123	Aberrant imprinting in mouse trophoblast stem cells established from somatic cell nuclear transfer-derived embryos. Epigenetics, 2018, 13, 693-703.	1.3	14
124	Transgenic over-expression of MafK suppresses T cell proliferation and function in vivo. Genes To Cells, 2001, 6, 1055-1066.	0.5	13
125	Overexpression of RORÎ³t Enhances Pulmonary Inflammation after Infection with Mycobacterium Avium. PLoS ONE, 2016, 11, e0147064.	1.1	13
126	MafB is required for development of the hindbrain choroid plexus. Biochemical and Biophysical Research Communications, 2017, 483, 288-293.	1.0	13

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127	Transcription factor MafB is a marker of tumor-associated macrophages in both mouse and humans. Biochemical and Biophysical Research Communications, 2020, 521, 590-595.	1.0	13
128	Mobilization efficiency is critically regulated by fat via marrow PPARÎ´. Haematologica, 2021, 106, 1671-1683.	1.7	13
129	Bioluminescence Imaging of Î² Cells and Intrahepatic Insulin Gene Activity under Normal and Pathological Conditions. PLoS ONE, 2013, 8, e60411.	1.1	13
130	MafK overexpression in pancreatic Î²-cells caused impairment of glucose-stimulated insulin secretion. Biochemical and Biophysical Research Communications, 2006, 346, 671-680.	1.0	12
131	MafA-deficient and beta cell-specific MafK-overexpressing hybrid transgenic mice develop human-like severe diabetic nephropathy. Biochemical and Biophysical Research Communications, 2009, 389, 235-240.	1.0	12
132	Role of large MAF transcription factors in the mouse endocrine pancreas. Experimental Animals, 2015, 64, 305-312.	0.7	12
133	T-bet, but not Gata3, overexpression is detrimental in a neurotropic viral infection. Scientific Reports, 2017, 7, 10496.	1.6	12
134	Findings from recent studies by the Japan Aerospace Exploration Agency examining musculoskeletal atrophy in space and on Earth. Npj Microgravity, 2021, 7, 18.	1.9	12
135	Differential Involvement of Programmed Cell Death Ligands in Skin Immune Responses. Journal of Investigative Dermatology, 2022, 142, 145-154.e8.	0.3	12
136	Lin28a/let-7 pathway modulates the Hox code via Polycomb regulation during axial patterning in vertebrates. ELife, 2020, 9, .	2.8	12
137	TIARP attenuates autoantibody-mediated arthritis via the suppression of neutrophil migration by reducing CXCL2/CXCR2 and IL-6 expression. Scientific Reports, 2016, 6, 38684.	1.6	11
138	Fluorescence and Bioluminescence Imaging of Angiogenesis in Flk1-Nano-lantern Transgenic Mice. Scientific Reports, 2017, 7, 46597.	1.6	11
139	Mast4 knockout shows the regulation of spermatogonial stem cell self-renewal via the FGF2/ERM pathway. Cell Death and Differentiation, 2021, 28, 1441-1454.	5.0	11
140	Gene expression changes related to bone mineralization, blood pressure and lipid metabolism in mouse kidneys after space travel. Kidney International, 2022, 101, 92-105.	2.6	11
141	Isl1Î² Overexpression With Key Î² Cell Transcription Factors Enhances Glucose-Responsive Hepatic Insulin Production and Secretion. Endocrinology, 2018, 159, 869-882.	1.4	10
142	EFCAB2 is a novel calcium-binding protein in mouse testis and sperm. PLoS ONE, 2019, 14, e0214687.	1.1	10
143	FGF-23 from erythroblasts promotes hematopoietic progenitor mobilization. Blood, 2021, 137, 1457-1467.	0.6	10
144	Combination Chemotherapy of Docetaxel, Ifosfamide and Cisplatin (DIP) in Patients with Metastatic Urothelial Cancer: a Preliminary Report. Japanese Journal of Clinical Oncology, 2005, 35, 79-83.	0.6	9

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145	Noninvasive Monitoring of Î²-Cell Mass and Fetal Î²-Cell Genesis in Mice Using Bioluminescence Imaging. Experimental Animals, 2012, 61, 445-451.	0.7	9
146	A Novel iRFP-Incorporated in vivo Murine Atherosclerosis Imaging System. Scientific Reports, 2018, 8, 14515.	1.6	9
147	Time-course transcriptome analysis of human cellular reprogramming from multiple cell types reveals the drastic change occurs between the mid phase and the late phase. BMC Genomics, 2018, 19, 9.	1.2	9
148	Long-term hindlimb unloading causes a preferential reduction of medullary thymic epithelial cells expressing autoimmune regulator (Aire). Biochemical and Biophysical Research Communications, 2018, 501, 745-750.	1.0	9
149	c-MAF deletion in adult C57BL/6J mice induces cataract formation and abnormal differentiation of lens fiber cells. Experimental Animals, 2020, 69, 242-249.	0.7	9
150	DAJIN enables multiplex genotyping to simultaneously validate intended and unintended target genome editing outcomes. PLoS Biology, 2022, 20, e3001507.	2.6	9
151	Mice harboring an MCTO mutation exhibit renal failure resembling nephropathy in human patients. Experimental Animals, 2019, 68, 103-111.	0.7	8
152	Ablation of Ventral Midbrain/Pons GABA Neurons Induces Mania-like Behaviors with Altered Sleep Homeostasis and Dopamine D2R-mediated Sleep Reduction. IScience, 2020, 23, 101240.	1.9	8
153	Adipsin-Dependent Secretion of Hepatocyte Growth Factor Regulates the Adipocyte-Cancer Stem Cell Interaction. Cancers, 2021, 13, 4238.	1.7	8
154	Suppression of MafA-dependent transcription by transforming growth factor-Î² signaling. Biochemical and Biophysical Research Communications, 2007, 364, 151-156.	1.0	7
155	Th2-biased GATA-3 transgenic mice developed severe experimental peritoneal fibrosis compared with Th1-biased T-bet and Th17-biased RORÎ³t transgenic mice. Experimental Animals, 2015, 64, 353-362.	0.7	7
156	Impact of a simulated gravity load for atmospheric reentry, 10Âg for 2Âmin, on conscious mice. Journal of Physiological Sciences, 2017, 67, 531-537.	0.9	7
157	Spiral ganglion cell degenerationâ€induced deafness as a consequence of reduced GATA factor activity. Genes To Cells, 2019, 24, 534-545.	0.5	7
158	Intergenerational effect of short-term spaceflight in mice. IScience, 2021, 24, 102773.	1.9	7
159	Coordination chemogenetics for activation of GPCR-type glutamate receptors in brain tissue. Nature Communications, 2022, 13, .	5.8	7
160	Suppression of experimental lupus nephritis by aberrant expression of the soluble E-selectin gene. Pathology International, 2002, 52, 175-180.	0.6	6
161	Hypergravity Provokes a Temporary Reduction in CD4+CD8+ Thymocyte Number and a Persistent Decrease in Medullary Thymic Epithelial Cell Frequency in Mice. PLoS ONE, 2015, 10, e0141650.	1.1	6
162	Optical clearing of the pancreas for visualization of mature Î²-cells and vessels in mice. Islets, 2018, 10, e1451282.	0.9	6

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163	Incomplete clearance of apoptotic cells by core 1-derived O-glycan-deficient resident peritoneal macrophages. Biochemical and Biophysical Research Communications, 2018, 495, 2017-2023.	1.0	6
164	Phenotypic analysis of mice carrying human-type MAFB p.Leu239Pro mutation. Biochemical and Biophysical Research Communications, 2020, 523, 452-457.	1.0	6
165	Highly efficient CRISPR-targeting of the murine Hipp11 intergenic region supports inducible human transgene expression. Molecular Biology Reports, 2020, 47, 1491-1498.	1.0	6
166	EXOC1 plays an integral role in spermatogonia pseudopod elongation and spermatocyte stable syncytium formation in mice. ELife, 2021, 10, .	2.8	6
167	Starvationâ€induced transcription factor CREBH negatively governs body growth by controlling GH signaling. FASEB Journal, 2021, 35, e21663.	0.2	6
168	Mathematical analysis of the effect of portal vein cells on biliary epithelial cell differentiation through the Delta-Notch signaling pathway. BMC Research Notes, 2021, 14, 243.	0.6	6
169	Genetic evidence of PEBP2Î²-independent activation of Runx1 in the murine embryo. International Journal of Hematology, 2008, 88, 134-138.	0.7	5
170	Transcription Factor T-bet Attenuates the Development of Elastase-induced Emphysema in Mice. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 525-536.	1.4	5
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