

Masaru Okabe

List of Publications by Year in descending order

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Version: 2024-02-01

288
papers

31,597
citations

2543

96
h-index

4641

170
g-index

289
all docs

289
docs citations

289
times ranked

35542
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic loss of importin $\beta 4$ causes abnormal sperm morphology and impacts on male fertility in mouse. <i>FASEB Journal</i> , 2020, 34, 16224-16242.	0.2	15
2	NELL2-mediated lumicrine signaling through OVCH2 is required for male fertility. <i>Science</i> , 2020, 368, 1132-1135.	6.0	63
3	Reduction in BDNF from Inefficient Precursor Conversion Influences Nest Building and Promotes Depressive-Like Behavior in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3984.	1.8	12
4	<i>Haprin</i> deficient spermatozoa are incapable of in vitro fertilization. <i>Molecular Reproduction and Development</i> , 2020, 87, 534-541.	1.0	3
5	CRISPR/Cas9-mediated genome editing reveals 30 testis-enriched genes dispensable for male fertility in mice. <i>Biology of Reproduction</i> , 2019, 101, 501-511.	1.2	81
6	Sperm-egg interaction and fertilization: past, present, and future. <i>Biology of Reproduction</i> , 2018, 99, 134-146.	1.2	50
7	Beware of memes in the interpretation of your results – lessons from gene-disrupted mice in fertilization research. <i>FEBS Letters</i> , 2018, 592, 2673-2679.	1.3	8
8	Transgenic mice that accept Luciferase or GFP-expressing syngeneic tumor cells at high efficiencies. <i>Genes To Cells</i> , 2018, 23, 580-589.	0.5	15
9	The mechanics clarifying counterclockwise rotation in most IVF eggs in mice. <i>Scientific Reports</i> , 2017, 7, 43456.	1.6	2
10	A delayed sperm penetration of cumulus layers by disruption of acrosin gene in rats. <i>Biology of Reproduction</i> , 2017, 97, 61-68.	1.2	25
11	The Acrosome Reaction: A Historical Perspective. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2016, 220, 1-13.	1.0	19
12	STING in tumor and host cells cooperatively work for NK cell-mediated tumor growth retardation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1764-1771.	1.0	66
13	Live imaging of X chromosome reactivation dynamics in early mouse development can discriminate naïve from primed pluripotent stem cells. <i>Development (Cambridge)</i> , 2016, 143, 2958-64.	1.2	18
14	The Behavior and Acrosomal Status of Mouse Spermatozoa In Vitro, and Within the Oviduct During Fertilization after Natural Mating. <i>Biology of Reproduction</i> , 2016, 95, 50-50.	1.2	72
15	Generation of Hprt-disrupted rat through mouse-rat ES chimeras. <i>Scientific Reports</i> , 2016, 6, 24215.	1.6	17
16	Behavior of Mouse Spermatozoa in the Female Reproductive Tract from Soon after Mating to the Beginning of Fertilization. <i>Biology of Reproduction</i> , 2016, 94, 80.	1.2	108
17	Genome engineering uncovers 54 evolutionarily conserved and testis-enriched genes that are not required for male fertility in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7704-7710.	3.3	134
18	Calreticulin is required for development of the cumulus oocyte complex and female fertility. <i>Scientific Reports</i> , 2015, 5, 14254.	1.6	41

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19	Mechanisms of fertilization elucidated by gene-manipulated animals. <i>Asian Journal of Andrology</i> , 2015, 17, 646.	0.8	46
20	DDX60 Is Involved in RIG-I-Dependent and Independent Antiviral Responses, and Its Function Is Attenuated by Virus-Induced EGFR Activation. <i>Cell Reports</i> , 2015, 11, 1193-1207.	2.9	127
21	Activating transcription factor 5 is required for mouse olfactory bulb development via interneuron. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1082-1089.	0.6	11
22	10.1538/expanim.63.357. <i>Experimental Animals</i> , 2014, 99999, 99999999-99999999.	0.7	18
23	Generation of precise point mutation mice by footprintless genome modification. <i>Genesis</i> , 2014, 52, 68-77.	0.8	4
24	INAM Plays a Critical Role in IFN- β Production by NK Cells Interacting with Polyinosinic-Polycytidylic Acid- α -Stimulated Accessory Cells. <i>Journal of Immunology</i> , 2014, 193, 5199-5207.	0.4	31
25	Aromatase-null mice expressing enhanced green fluorescent protein in germ cells provide a model system to assess estrogen-dependent ovulatory responses. <i>Transgenic Research</i> , 2014, 23, 293-302.	1.3	2
26	Lessons Learned in Andrology: Seeing is believing. <i>Andrology</i> , 2014, 2, 3-4.	1.9	0
27	Induction of Primordial Germ Cell-Like Cells From Mouse Embryonic Stem Cells by ERK Signal Inhibition. <i>Stem Cells</i> , 2014, 32, 2668-2678.	1.4	28
28	GPI-Anchored Protein Complex, LY6K/TEX101, Is Required for Sperm Migration into the Oviduct and Male Fertility in Mice. <i>Biology of Reproduction</i> , 2014, 90, 60.	1.2	73
29	Mechanism of Fertilization: A Modern View. <i>Experimental Animals</i> , 2014, 63, 357-365.	0.7	24
30	Filamin A-interacting protein (FILIP) is a region-specific modulator of myosin 2b and controls spine morphology and NMDA receptor accumulation. <i>Scientific Reports</i> , 2014, 4, 6353.	1.6	12
31	Ftx is dispensable for imprinted X-chromosome inactivation in preimplantation mouse embryos. <i>Scientific Reports</i> , 2014, 4, 5181.	1.6	28
32	N-terminal truncation of Lats1 causes abnormal cell growth control and chromosomal instability. <i>Journal of Cell Science</i> , 2013, 126, 508-520.	1.2	38
33	The cell biology of mammalian fertilization. <i>Development (Cambridge)</i> , 2013, 140, 4471-4479.	1.2	134
34	Production of mouse pups from germline transmission-failed knockout chimeras. <i>Transgenic Research</i> , 2013, 22, 195-200.	1.3	70
35	MiR-200b and miR-429 Function in Mouse Ovulation and Are Essential for Female Fertility. <i>Science</i> , 2013, 341, 71-73.	6.0	157
36	Expression of TEX101, regulated by ACE, is essential for the production of fertile mouse spermatozoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8111-8116.	3.3	133

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37	Molecular dissection of IZUMO1, a sperm protein essential for sperm-egg fusion. <i>Development (Cambridge)</i> , 2013, 140, 3221-3229.	1.2	102
38	Macrophage MHC and T-Cell Receptors Essential for Rejection of Allografted Skin and Lymphoma. <i>Transplantation</i> , 2013, 96, 251-257.	0.5	8
39	Ablation of Mina53 in Mice Reduces Allergic Response in the Airways. <i>Cell Structure and Function</i> , 2013, 38, 155-167.	0.5	22
40	Establishment of Mouse Model of MYH9 Disorders: Heterozygous R702C Mutation Provokes Macrothrombocytopenia with Leukocyte Inclusion Bodies, Renal Glomerulosclerosis and Hearing Disability. <i>PLoS ONE</i> , 2013, 8, e71187.	1.1	23
41	Identification of an Imprinted Gene Cluster in the X-Inactivation Center. <i>PLoS ONE</i> , 2013, 8, e71222.	1.1	18
42	Studies of mechanism of fertilization—the past and the future. <i>Reproductive Immunology and Biology</i> , 2013, 28, 1-18.	0.2	0
43	Visualization of the moment of mouse sperm-egg fusion and dynamic localization of IZUMO1. <i>Development (Cambridge)</i> , 2013, 140, e1-e1.	1.2	0
44	N-terminal truncation of Lats1 causes abnormal cell growth control and chromosomal instability. <i>Development (Cambridge)</i> , 2013, 140, e907-e907.	1.2	0
45	Visualization of the moment of mouse sperm-egg fusion and dynamic localization of IZUMO1. <i>Journal of Cell Science</i> , 2012, 125, 4985-90.	1.2	148
46	Cold-inducible RNA-binding protein (Cirp) interacts with Dyrk1b/Mirk and promotes proliferation of immature male germ cells in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10885-10890.	3.3	72
47	Function of the Acrosomal Matrix: Zona Pellucida 3 Receptor (ZP3R/sp56) Is Not Essential for Mouse Fertilization1. <i>Biology of Reproduction</i> , 2012, 86, 1-6.	1.2	41
48	Expanding the Repertoire of Optogenetically Targeted Cells with an Enhanced Gene Expression System. <i>Cell Reports</i> , 2012, 2, 397-406.	2.9	159
49	Protein disulfide isomerase homolog PDILT is required for quality control of sperm membrane protein ADAM3 and male fertility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3850-3855.	3.3	131
50	Mice expressing aberrant sperm-specific protein PMIS2 produce normal-looking but fertilization-incompetent spermatozoa. <i>Molecular Biology of the Cell</i> , 2012, 23, 2671-2679.	0.9	42
51	Tetraspanin-interacting protein IGSF8 is dispensable for mouse fertility. <i>Fertility and Sterility</i> , 2012, 98, 465-470.	0.5	21
52	<sc>AMPD</sc>-deficient mice exhibit increased erythrocyte <sc>ATP</sc> levels but anemia not improved due to <sc>PK</sc> deficiency. <i>Genes To Cells</i> , 2012, 17, 913-922.	0.5	18
53	SPACA1-deficient male mice are infertile with abnormally shaped sperm heads reminiscent of globozoospermia. <i>Development (Cambridge)</i> , 2012, 139, 3583-3589.	1.2	140
54	Proteinuria in AMPD2-deficient mice. <i>Genes To Cells</i> , 2012, 17, 28-38.	0.5	9

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55	Mechanisms of Fertilization--A View From the Study of Gene-Manipulated Mice. <i>Journal of Andrology</i> , 2011, 32, 218-225.	2.0	16
56	Targeted disruption of one of the importin β family members leads to female functional incompetence in delivery. <i>FEBS Journal</i> , 2011, 278, 1561-1572.	2.2	19
57	The mechanism of sperm-egg interaction and the involvement of IZUMO1 in fusion. <i>Asian Journal of Andrology</i> , 2011, 13, 81-87.	0.8	60
58	Formation of a thymus from rat ES cells in xenogeneic nude mouse \rightarrow rat ES chimeras. <i>Genes To Cells</i> , 2011, 16, 397-405.	0.5	93
59	Mice lacking Ran binding protein 1 are viable and show male infertility. <i>FEBS Letters</i> , 2011, 585, 791-796.	1.3	23
60	Dynamic Modification of Sphingomyelin in Lipid Microdomains Controls Development of Obesity, Fatty Liver, and Type 2 Diabetes. <i>Journal of Biological Chemistry</i> , 2011, 286, 28544-28555.	1.6	162
61	Calsperin Is a Testis-specific Chaperone Required for Sperm Fertility. <i>Journal of Biological Chemistry</i> , 2011, 286, 5639-5646.	1.6	128
62	Pravastatin induces placental growth factor (PGF) and ameliorates preeclampsia in a mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1451-1455.	3.3	356
63	Mitochondrial Dysfunction and Increased Reactive Oxygen Species Impair Insulin Secretion in Sphingomyelin Synthase 1-null Mice. <i>Journal of Biological Chemistry</i> , 2011, 286, 3992-4002.	1.6	129
64	Acrosome-reacted mouse spermatozoa recovered from the perivitelline space can fertilize other eggs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20008-20011.	3.3	117
65	Most fertilizing mouse spermatozoa begin their acrosome reaction before contact with the zona pellucida during in vitro fertilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4892-4896.	3.3	357
66	Fertilization: a sperm's journey to and interaction with the oocyte. <i>Journal of Clinical Investigation</i> , 2010, 120, 984-994.	3.9	254
67	Transgenic Mouse Sperm that Have Green Acrosome and Red Mitochondria Allow Visualization of Sperm and Their Acrosome Reaction in Vivo. <i>Experimental Animals</i> , 2010, 59, 105-107.	0.7	116
68	Establishment and Analysis of <i>SLC22A12</i> (URAT1) Knockout Mouse. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2010, 29, 314-320.	0.4	28
69	A newly cloned pig dolichyl-phosphate mannosyl-transferase for preventing the transmission of porcine endogenous retrovirus to human cells. <i>Transplant International</i> , 2010, 23, 424-431.	0.8	8
70	Survey of glycoantigens in cells from β -1-3galactosyltransferase knockout pig using a lectin microarray. <i>Xenotransplantation</i> , 2010, 17, 61-70.	1.6	29
71	Complement regulation in the GalT KO era. <i>Xenotransplantation</i> , 2010, 17, 11-25.	1.6	63
72	Novel Method of Gene Transfer in Birds: Intracytoplasmic Sperm Injection for Green Fluorescent Protein Expression in Quail Blastoderms1. <i>Biology of Reproduction</i> , 2010, 83, 965-969.	1.2	13

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73	The X-linked imprinted gene family Fthl17 shows predominantly female expression following the two-cell stage in mouse embryos. <i>Nucleic Acids Research</i> , 2010, 38, 3672-3681.	6.5	29
74	Sperm equatorial segment protein 1, SPESP1, is required for fully fertile sperm in mouse. <i>Journal of Cell Science</i> , 2010, 123, 1531-1536.	1.2	89
75	Role of the C-Terminal Cytoplasmic Domain of FlhA in Bacterial Flagellar Type III Protein Export. <i>Journal of Bacteriology</i> , 2010, 192, 1929-1936.	1.0	57
76	The Ubiquitin Ligase Riplet Is Essential for RIG-I-Dependent Innate Immune Responses to RNA Virus Infection. <i>Cell Host and Microbe</i> , 2010, 8, 496-509.	5.1	218
77	Expression of complement regulatory protein on porcine endogenous retrovirus (PERV) depends on molecular size. <i>Transplant Immunology</i> , 2010, 23, 71-76.	0.6	2
78	Gamete Fusion and Sperm Protein IZUMO1. <i>Journal of Mammalian Ova Research</i> , 2010, 27, 183-190.	0.1	0
79	Humanized Gene Replacement in Mice Reveals the Contribution of Cancer Stroma-Derived HB-EGF to Tumor Growth. <i>Cell Structure and Function</i> , 2010, 35, 3-13.	0.5	13
80	Identification and Disruption of Sperm-Specific Angiotensin Converting Enzyme-3 (ACE3) in Mouse. <i>PLoS ONE</i> , 2010, 5, e10301.	1.1	46
81	OAZ-t/OAZ3 Is Essential for Rigid Connection of Sperm Tails to Heads in Mouse. <i>PLoS Genetics</i> , 2009, 5, e1000712.	1.5	87
82	Disruption of ADAM3 Impairs the Migration of Sperm into Oviduct in Mouse ¹ . <i>Biology of Reproduction</i> , 2009, 81, 142-146.	1.2	135
83	Lâ€Amino acid oxidase plays a crucial role in host defense in the mammary glands. <i>FASEB Journal</i> , 2009, 23, 2514-2520.	0.2	37
84	Genetic Loss of Faah Compromises Male Fertility in Mice ¹ . <i>Biology of Reproduction</i> , 2009, 80, 235-242.	1.2	45
85	Disruption of the novel gene fad104 causes rapid postnatal death and attenuation of cell proliferation, adhesion, spreading and migration. <i>Experimental Cell Research</i> , 2009, 315, 809-819.	1.2	32
86	Role of the Nâ€terminal domain of Flil ATPase in bacterial flagellar protein export. <i>FEBS Letters</i> , 2009, 583, 743-748.	1.3	18
87	Targeted gene modification in mouse ES cells using integraseâ€defective lentiviral vectors. <i>Genesis</i> , 2009, 47, 217-223.	0.8	25
88	Placentaâ€specific gene activation and inactivation using integraseâ€defective lentiviral vectors with the Cre/ <i>LoxP</i> system. <i>Genesis</i> , 2009, 47, 793-798.	0.8	14
89	A histone H3 lysine 36 trimethyltransferase links Nrx2-5 to Wolfâ€Hirschhorn syndrome. <i>Nature</i> , 2009, 460, 287-291.	13.7	336
90	Regulation of endoplasmic reticulum stress response by a BBF2H7-mediated Sec23a pathway is essential for chondrogenesis. <i>Nature Cell Biology</i> , 2009, 11, 1197-1204.	4.6	181

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91	Signalling mediated by the endoplasmic reticulum stress transducer OASIS is involved in bone formation. <i>Nature Cell Biology</i> , 2009, 11, 1205-1211.	4.6	278
92	A transposon-based chromosomal engineering method to survey a large cis-regulatory landscape in mice. <i>Nature Genetics</i> , 2009, 41, 946-952.	9.4	58
93	Immunological behavior of enhanced green fluorescent protein (EGFP) as a minor histocompatibility antigen with a special reference to skin isograft and specific regulation of local graft-versus-host reaction (GvHR). <i>Immunology Letters</i> , 2009, 123, 103-113.	1.1	4
94	<i>Peroxisome</i> 4 knockout results in elevated spermatogenic cell death via oxidative stress. <i>Biochemical Journal</i> , 2009, 419, 149-158.	1.7	175
95	Possible involvement of CD81 in acrosome reaction of sperm in mice. <i>Molecular Reproduction and Development</i> , 2008, 75, 150-155.	1.0	34
96	Differential human serum-mediated neutralization of PERV released from pig cells transfected with variants of hDAF. <i>Xenotransplantation</i> , 2008, 15, 365-373.	1.6	4
97	Cd52, known as a major maturation-associated sperm membrane antigen secreted from the epididymis, is not required for fertilization in the mouse. <i>Genes To Cells</i> , 2008, 13, 851-861.	0.5	28
98	Chrelin deficiency does not influence feeding performance. <i>Regulatory Peptides</i> , 2008, 145, 7-11.	1.9	40
99	Taurine depletion caused by knocking out the taurine transporter gene leads to cardiomyopathy with cardiac atrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 927-937.	0.9	194
100	Putative sperm fusion protein IZUMO and the role of N-glycosylation. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 910-914.	1.0	62
101	DNA methylation of retrotransposon genes is regulated by Piwi family members MILI and MIWI2 in murine fetal testes. <i>Genes and Development</i> , 2008, 22, 908-917.	2.7	790
102	Cell-cycle-specific nestin expression coordinates with morphological changes in embryonic cortical neural progenitors. <i>Journal of Cell Science</i> , 2008, 121, 1204-1212.	1.2	65
103	Neuroaxonal Dystrophy Caused by Group VIA Phospholipase A ₂ Deficiency in Mice: A Model of Human Neurodegenerative Disease. <i>Journal of Neuroscience</i> , 2008, 28, 2212-2220.	1.7	154
104	The fusing ability of sperm is bestowed by CD9-containing vesicles released from eggs in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12921-12926.	3.3	172
105	Bis deficiency results in early lethality with metabolic deterioration and involution of spleen and thymus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1349-E1357.	1.8	35
106	Meichroacidin Containing the Membrane Occupation and Recognition Nexus Motif Is Essential for Spermatozoa Morphogenesis. <i>Journal of Biological Chemistry</i> , 2008, 283, 19039-19048.	1.6	26
107	Sperm-Egg Fusion Assay in Mammals. <i>Methods in Molecular Biology</i> , 2008, 475, 335-345.	0.4	4
108	Mechanisms of sperm-egg interactions emerging from gene-manipulated animals. <i>International Journal of Developmental Biology</i> , 2008, 52, 657-664.	0.3	21

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109	PGAP1 Knock-out Mice Show Otocephaly and Male Infertility. <i>Journal of Biological Chemistry</i> , 2007, 282, 30373-30380.	1.6	84
110	Hypertension and dysregulated proinflammatory cytokine production in receptor activity-modifying protein 1-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16702-16707.	3.3	117
111	Lats2 Is an Essential Mitotic Regulator Required for the Coordination of Cell Division. <i>Journal of Biological Chemistry</i> , 2007, 282, 19259-19271.	1.6	130
112	Antitumor NK activation induced by the Toll-like receptor 3-TICAM-1 (TRIF) pathway in myeloid dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 252-257.	3.3	177
113	Positive expression of the immunoglobulin superfamily protein IZUMO on human sperm of severely infertile male patients. <i>Fertility and Sterility</i> , 2007, 88, 214-216.	0.5	22
114	chs4 Insulator-mediated Alleviation of Promoter Interference during Cell-based Expression of Tandemly Associated Transgenes. <i>Journal of Molecular Biology</i> , 2007, 374, 580-590.	2.0	35
115	Innate versus learned odour processing in the mouse olfactory bulb. <i>Nature</i> , 2007, 450, 503-508.	13.7	596
116	Amniotic Fluid and Bone Marrow Derived Mesenchymal Stem Cells Can be Converted to Smooth Muscle Cells in the Cryo-Injured Rat Bladder and Prevent Compensatory Hypertrophy of Surviving Smooth Muscle Cells. <i>Journal of Urology</i> , 2007, 177, 369-376.	0.2	193
117	Akt activation induces epidermal hyperplasia and proliferation of epidermal progenitors. <i>Oncogene</i> , 2007, 26, 4882-4888.	2.6	65
118	Complementation of placental defects and embryonic lethality by trophoblast-specific lentiviral gene transfer. <i>Nature Biotechnology</i> , 2007, 25, 233-237.	9.4	115
119	PGC7/Stella protects against DNA demethylation in early embryogenesis. <i>Nature Cell Biology</i> , 2007, 9, 64-71.	4.6	493
120	The Wilms's tumor gene WT1-GFP knock-in mouse reveals the dynamic regulation of WT1 expression in normal and leukemic hematopoiesis. <i>Leukemia</i> , 2007, 21, 1783-1791.	3.3	86
121	Efficient Derivation of Embryonic Stem Cells by Inhibition of Glycogen Synthase Kinase-3. <i>Stem Cells</i> , 2007, 25, 2705-2711.	1.4	62
122	Mechanisms of sperm-egg interactions emerging from gene-manipulated animals. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 1945-1958.	2.4	31
123	Sperm-egg interaction and gene manipulated animals. <i>Society of Reproduction and Fertility Supplement</i> , 2007, 65, 363-71.	0.2	14
124	E-Cadherin-Coated Plates Maintain Pluripotent ES Cells without Colony Formation. <i>PLoS ONE</i> , 2006, 1, e15.	1.1	123
125	RECS1 deficiency in mice induces susceptibility to cystic medial degeneration. <i>Genes and Genetic Systems</i> , 2006, 81, 41-50.	0.2	29
126	The testes-specific bZip type transcription factor Tisp40 plays a role in ER stress responses and chromatin packaging during spermiogenesis. <i>Genes To Cells</i> , 2006, 11, 1161-1171.	0.5	39

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127	Plexin-A1 and its interaction with DAP12 in immune responses and bone homeostasis. <i>Nature Cell Biology</i> , 2006, 8, 615-622.	4.6	229
128	Adenovirus serotype 35 vector-mediated transduction into human CD46-transgenic mice. <i>Gene Therapy</i> , 2006, 13, 1118-1126.	2.3	37
129	Activation of Akt signaling is sufficient to maintain pluripotency in mouse and primate embryonic stem cells. <i>Oncogene</i> , 2006, 25, 2697-2707.	2.6	312
130	Comparison of Gene Expression in Male and Female Mouse Blastocysts Revealed Imprinting of the X-Linked Gene, <i>Rhox5/Pem</i> , at Preimplantation Stages. <i>Current Biology</i> , 2006, 16, 166-172.	1.8	137
131	Deletion of <i>SERP1/RAMP4</i> , a Component of the Endoplasmic Reticulum (ER) Translocation Sites, Leads to ER Stress. <i>Molecular and Cellular Biology</i> , 2006, 26, 4257-4267.	1.1	52
132	Aberrant Distribution of <i>ADAM3</i> in Sperm from Both Angiotensin-Converting Enzyme (Ace)- and Calmegin (Clgn)-Deficient Mice ¹ . <i>Biology of Reproduction</i> , 2006, 75, 760-766.	1.2	104
133	Small Mannose-Binding Lectin-Associated Protein Plays a Regulatory Role in the Lectin Complement Pathway. <i>Journal of Immunology</i> , 2006, 177, 8626-8632.	0.4	81
134	Role of the Protomap and Target-derived Signals in the Development of Intrahemispheric Connections. <i>Cerebral Cortex</i> , 2006, 16, 124-135.	1.6	4
135	<i>Listeria monocytogenes</i> -infected bone marrow myeloid cells promote bacterial invasion of the central nervous system. <i>Cellular Microbiology</i> , 2005, 7, 167-180.	1.1	76
136	Fetal Microchimerism in the Maternal Mouse Brain: A Novel Population of Fetal Progenitor or Stem Cells Able to Cross the Blood-Brain Barrier?. <i>Stem Cells</i> , 2005, 23, 1443-1452.	1.4	150
137	Angiotensin-converting enzyme is a GPI-anchored protein releasing factor crucial for fertilization. <i>Nature Medicine</i> , 2005, 11, 160-166.	15.2	218
138	The immunoglobulin superfamily protein <i>Izumo</i> is required for sperm to fuse with eggs. <i>Nature</i> , 2005, 434, 234-238.	13.7	701
139	<i>HANP1/H1T2</i> , a Novel Histone H1-Like Protein Involved in Nuclear Formation and Sperm Fertility. <i>Molecular and Cellular Biology</i> , 2005, 25, 7107-7119.	1.1	106
140	Impaired Urea Accumulation in the Inner Medulla of Mice Lacking the Urea Transporter <i>UT-A2</i> . <i>Molecular and Cellular Biology</i> , 2005, 25, 7357-7363.	1.1	95
141	Wild-Type Measles Virus Infection in Human CD46/CD150-Transgenic Mice: <i>CD11c</i> -Positive Dendritic Cells Establish Systemic Viral Infection. <i>Journal of Immunology</i> , 2005, 175, 3252-3261.	0.4	58
142	Progressive Adipocyte Hypertrophy in Aquaporin-7-deficient Mice. <i>Journal of Biological Chemistry</i> , 2005, 280, 15493-15496.	1.6	230
143	Genomic imprinting of XX spermatogonia and XX oocytes recovered from XX ^{XY} chimeric testes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4039-4044.	3.3	37
144	From The Cover: Dysregulation of <i>TGF-β1</i> receptor activation leads to abnormal lung development and emphysema-like phenotype in core fucose-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15791-15796.	3.3	413

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145	Multi-gene Gateway clone design for expression of multiple heterologous genes in living cells: Conditional gene expression at near physiological levels. <i>Journal of Biotechnology</i> , 2005, 118, 123-134.	1.9	38
146	Nonredundant Roles of Sema4A in the Immune System: Defective T Cell Priming and Th1/Th2 Regulation in Sema4A-Deficient Mice. <i>Immunity</i> , 2005, 22, 305-316.	6.6	147
147	RNAi in Living Mice. , 2004, 252, 501-508.		3
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