Atsuo Ogura

List of Publications by Year
in descending order

280 papers	17,983 citations	15504 65 h-index	16183 124 g-index
285 all docs	285 docs citations	285 times ranked	13446 citing authors

#	Article	IF	Citations
1	Highly rigid H3.1/H3.2â€“H3K9me3 domains set a barrier for cell fate reprogramming in trophoblast stem cells. Genes and Development, 2022, 36, 84-102.	5.9	10
2	Mouse <i>in vivo</i>-derived late 2-cell embryos have higher developmental competence after high osmolality vitrification and â^'80Â°C preservation than IVF or ICSI embryos. Journal of Reproduction and Development, 2022, 68, 118-124.	1.4	5
3	Regeneration of spermatogenesis by mouse germ cell transplantation into allogeneic and xenogeneic testis primordia or organoids. Stem Cell Reports, 2022, 17, 924-935.	4.8	8
4	Use of anti-inhibin monoclonal antibody for increasing the litter size of mouse strains and its application to i-GONAD. Biology of Reproduction, 2022, , .	2.7	7
5	Noncanonical imprinting sustains embryonic development and restrains placental overgrowth. Genes and Development, 2022, , .	5.9	13
6	Birth of mice from meiotically arrested spermatocytes following biparental meiosis in halved oocytes. EMBO Reports, 2022, 23, e54992.	4.5	3
7	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.	3.8	23
8	Improving ovulation in gilts using antiâ€inhibin serum treatment combined with fixedâ€time artificial insemination. Reproduction in Domestic Animals, 2021, 56, 112-119.	1.4	3
9	Reprogramming of the histone H3.3 landscape in the early mouse embryo. Nature Structural and Molecular Biology, 2021, 28, 38-49.	8.2	45
10	Equilibrium vitrification of mouse embryos using low concentrations of cryoprotectants. Cryobiology, 2021, 98, 127-133.	0.7	5
11	OGG1 protects mouse spermatogonial stem cells from reactive oxygen species in cultureâ€. Biology of Reproduction, 2021, 104, 706-716.	2.7	6
12	Development of assisted reproductive technologies for Mus spretusâ€. Biology of Reproduction, 2021, 104, 234-243.	2.7	4
13	Generation of chimeric mice with spermatozoa fully derived from embryonic stem cells using a triple-target CRISPR method forNanos3â€. Biology of Reproduction, 2021, 104, 223-233.	2.7	13
14	An interplay of NOX1-derived ROS and oxygen determines the spermatogonial stem cell self-renewal efficiency under hypoxia. Genes and Development, 2021, 35, 250-260.	5.9	19
15	Maintenance of mouse trophoblast stem cells in KSR-based medium allows conventional 3D culture. Journal of Reproduction and Development, 2021, 67, 197-205.	1.4	4
16	Epigenetic abnormalities associated with somatic cell nuclear transfer. Reproduction, 2021, 162, F45-F58.	2.6	9
17	Progress of genome editing technology and developmental biology useful for radiation research. Journal of Radiation Research, 2021, 62, i53-i63.	1.6	1
18	Tsga8 is required for spermatid morphogenesis and male fertility in mice. Development (Cambridge), 2021, 148, .	2.5	2

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19	Improved development of mouse somatic cell nuclear transfer embryos by chlamydocin analogues, class I and IIa histone deacetylase inhibitorsâ€. Biology of Reproduction, 2021, 105, 543-553.	2.7	8
20	Easy and quick (EQ) sperm freezing method for urgent preservation of mouse strains. Scientific Reports, 2021, 11, 14149.	3.3	2
21	Spermatogonial stem cell transplantation into nonablated mouse recipient testes. Stem Cell Reports, 2021, 16, 1832-1844.	4.8	17
22	CRISPR/Cas9-based genetic screen of SCNT-reprogramming resistant genes identifies critical genes for male germ cell development in mice. Scientific Reports, 2021, 11, 15438.	3.3	8
23	Mouse resources at the RIKEN BioResource Research Center and the National BioResource Project core facility in Japan. Mammalian Genome, 2021, , 1.	2.2	2
24	Formation of spermatogonia and fertile oocytes in golden hamsters requires piRNAs. Nature Cell Biology, 2021, 23, 992-1001.	10.3	29
25	Role of CD4+ T Cells in Allergic Airway Diseases: Learning from Murine Models. International Journal of Molecular Sciences, 2020, 21, 7480.	4.1	12
26	Autologous transplantation of spermatogonial stem cells restores fertility in congenitally infertile mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7837-7844.	7.1	22
27	Germ cell depletion in recipient testis has adverse effects on spermatogenesis in orthotopically transplanted testis pieces via retinoic acid insufficiency. Scientific Reports, 2020, 10, 10796.	3.3	1
28	How to improve mouse cloning. Theriogenology, 2020, 150, 215-220.	2.1	7
29	Acrosin is essential for sperm penetration through the zona pellucida in hamsters. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2513-2518.	7.1	64
30	Loss of H3K27me3 imprinting in the Sfmbt2 miRNA cluster causes enlargement of cloned mouse placentas. Nature Communications, 2020, 11, 2150.	12.8	54
31	A non-mosaic transchromosomic mouse model of Down syndrome carrying the long arm of human chromosome 21. ELife, 2020, 9, .	6.0	65
32	Paternal knockout of Slc38a4 /SNAT4 causes placental hypoplasia associated with intrauterine growth restriction in mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21047-21053.	7.1	42
33	Early production of offspring by in vitro fertilization using first-wave spermatozoa from prepubertal male mice. Journal of Reproduction and Development, 2019, 65, 467-473.	1.4	5
34	Dissecting the role of the germinal vesicle nuclear envelope and soluble content in the process of somatic cell remodelling and reprogramming. Journal of Reproduction and Development, 2019, 65, 433-441.	1.4	5
35	The golden (Syrian) hamster as a model for the study of reproductive biology: Past, present, and future. Reproductive Medicine and Biology, 2019, 18, 34-39.	2.4	26
36	Birth of a marmoset following injection of elongated spermatid from a prepubertal male. Molecular Reproduction and Development, 2019, 86, 928-930.	2.0	2

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37	Molecular and genetic characterization of partial masculinization in embryonic ovaries grafted into male nude mice. PLoS ONE, 2019, 14, e0212367.	2.5	9
38	Telomere shortening by transgenerational transmission of TNF-Î±-induced TERRA via ATF7. Nucleic Acids Research, 2019, 47, 283-298.	14.5	29
39	Human NK cell development in hIL-7 and hIL-15 knockin NOD/SCID/IL2rgKO mice. Life Science Alliance, 2019, 2, e201800195.	2.8	41
40	ROS amplification drives mouse spermatogonial stem cell self-renewal. Life Science Alliance, 2019, 2, e201900374.	2.8	21
41	InÂVivo Genetic Manipulation of Spermatogonial Stem Cells and Their Microenvironment by Adeno-Associated Viruses. Stem Cell Reports, 2018, 10, 1551-1564.	4.8	28
42	Oocyteâ€activating capacity of fresh and frozenâ€“thawed spermatids in the common marmoset (Callithrix jacchus). Molecular Reproduction and Development, 2018, 85, 376-386.	2.0	5
43	Somatic Cell Nuclear Transfer in Mice: Basic Protocol and Its Modification for Correcting X Chromosome Inactivation Status. Methods in Molecular Biology, 2018, 1861, 55-65.	0.9	0
44	Aberrant imprinting in mouse trophoblast stem cells established from somatic cell nuclear transfer-derived embryos. Epigenetics, 2018, 13, 693-703.	2.7	14
45	Loss of H3K27me3 Imprinting in Somatic Cell Nuclear Transfer Embryos Disrupts Post-Implantation Development. Cell Stem Cell, 2018, 23, 343-354.e5.	11.1	105
46	Application of auxin-inducible degron technology to mouse oocyte activation with PLCÎ¶. Journal of Reproduction and Development, 2018, 64, 319-326.	1.4	8
47	Identification of quantitative trait loci associated with the susceptibility of mouse spermatozoa to cryopreservation. Journal of Reproduction and Development, 2018, 64, 117-127.	1.4	5
48	MAFB is dispensable for the fetal testis morphogenesis and the maintenance of spermatogenesis in adult mice. PLoS ONE, 2018, 13, e0190800.	2.5	19
49	Adeno-associated virus-mediated delivery of genes to mouse spermatogonial stem cells^{<xref ref-type="fn" rid="afn1">â€</xref>}. Biology of Reproduction, 2017, 96, 221-231.	2.7	12
50	CRISPR/Cas9-mediated genome editing in wild-derived mice: generation of tamed wild-derived strains by mutation of the a (nonagouti) gene. Scientific Reports, 2017, 7, 42476.	3.3	12
51	Recent Technical Breakthroughs for ARTs in Mice. Journal of Mammalian Ova Research, 2017, 34, 13-21.	0.1	2
52	The Rodent-Specific MicroRNA Cluster within the Sfmbt2 Gene Is Imprinted and Essential for Placental Development. Cell Reports, 2017, 19, 949-956.	6.4	44
53	Hyperâ€reactive cloned mice generated by direct nuclear transfer of antigenâ€specific CD 4 + T cells. EMBO Reports, 2017, 18, 885-893.	4.5	10
54	Development of reproductive engineering techniques at the RIKEN BioResource Center. Experimental Animals, 2017, 66, 1-16.	1.1	3

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55	Discrimination of Stem Cell Status after Subjecting Cynomolgus Monkey Pluripotent Stem Cells to NaÃ¨ve Conversion. Scientific Reports, 2017, 7, 45285.	3.3	17
56	Transfer of a Mouse Artificial Chromosome into Spermatogonial Stem Cells Generates Transchromosomic Mice. Stem Cell Reports, 2017, 9, 1180-1191.	4.8	15
57	Histone H3 Methylated at Arginine 17 Is Essential for Reprogramming the Paternal Genome in Zygotes. Cell Reports, 2017, 20, 2756-2765.	6.4	35
58	Cloning Mice. Cold Spring Harbor Protocols, 2017, 2017, pdb.prot094425.	0.3	8
59	CDKL5 controls postsynaptic localization of GluN2B-containing NMDA receptors in the hippocampus and regulates seizure susceptibility. Neurobiology of Disease, 2017, 106, 158-170.	4.4	92
60	EPC1/TIP60-Mediated Histone Acetylation Facilitates Spermiogenesis in Mice. Molecular and Cellular Biology, 2017, 37, .	2.3	33
61	Efficient and scheduled production of pseudopregnant female mice for embryo transfer by estrous cycle synchronization. Journal of Reproduction and Development, 2017, 63, 539-545.	1.4	14
62	Rabbit models for biomedical research revisited via genome editing approaches. Journal of Reproduction and Development, 2017, 63, 435-438.	1.4	9
63	Complementary Critical Functions of Zfy1 and Zfy2 in Mouse Spermatogenesis and Reproduction. PLoS Genetics, 2017, 13, e1006578.	3.5	47
64	Selection of accurate reference genes in mouse trophoblast stem cells for reverse transcription-quantitative polymerase chain reaction. Journal of Reproduction and Development, 2016, 62, 311-315.	1.4	4
65	Myc/Mycn-mediated glycolysis enhances mouse spermatogonial stem cell self-renewal. Genes and Development, 2016, 30, 2637-2648.	5.9	66
66	Cellular Dynamics of Mouse Trophoblast Stem Cells: Identification of a Persistent Stem Cell Type1. Biology of Reproduction, 2016, 94, 122.	2.7	14
67	A New, Dynamic Era for Somatic Cell Nuclear Transfer?. Trends in Biotechnology, 2016, 34, 791-797.	9.3	77
68	Mouse D1Pas1, a DEAD-box RNA helicase, is required for the completion of first meiotic prophase in male germ cells. Biochemical and Biophysical Research Communications, 2016, 478, 592-598.	2.1	12
69	Tensin2-deficient mice on FVB/N background develop severe glomerular disease. Journal of Veterinary Medical Science, 2016, 78, 811-818.	0.9	18
70	MIWI2 as an Effector of DNA Methylation and Gene Silencing in Embryonic Male Germ Cells. Cell Reports, 2016, 16, 2819-2828.	6.4	46
71	Long-term ex vivo maintenance of testis tissues producing fertile sperm in a microfluidic device. Scientific Reports, 2016, 6, 21472.	3.3	147
72	Biogenesis of sperm acrosome is regulated by pre-mRNA alternative splicing of Acrbp in the mouse. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3696-E3705.	7.1	44

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73	High-Yield Superovulation in Adult Mice by Anti-Inhibin Serum Treatment Combined with Estrous Cycle Synchronization1. Biology of Reproduction, 2016, 94, 21.	2.7	56
74	Single-step generation of rabbits carrying a targeted allele of the tyrosinase gene using CRISPR/Cas9. Experimental Animals, 2015, 64, 31-37.	1.1	66
75	Trichostatin A specifically improves the aberrant expression of transcription factor genes in embryos produced by somatic cell nuclear transfer. Scientific Reports, 2015, 5, 10127.	3.3	45
76	Development of a generalâ€purpose method for cell purification using <scp>C</scp>re/lox<scp>P</scp>â€mediated recombination. Genesis, 2015, 53, 387-393.	1.6	9
77	Pluripotent cell derivation from male germline cells by suppression of Dmrt1 and Trp53. Journal of Reproduction and Development, 2015, 61, 473-484.	1.4	10
78	NaÃ¯ve-like conversion enhances the difference in innate <i>in vitro</i> differentiation capacity between rabbit ES cells and iPS cells. Journal of Reproduction and Development, 2015, 61, 13-19.	1.4	15
79	In quest of genomic treasure. Journal of Reproduction and Development, 2015, 61, 489-493.	1.4	6
80	A Simple and Robust Method for Establishing Homogeneous Mouse Epiblast Stem Cell Lines by Wnt Inhibition. Stem Cell Reports, 2015, 4, 744-757.	4.8	65
81	Generation of Cloned Mice from Adult Neurons by Direct Nuclear Transfer1. Biology of Reproduction, 2015, 92, 81.	2.7	19
82	Functional Differences between GDNF-Dependent and FGF2-Dependent Mouse Spermatogonial Stem Cell Self-Renewal. Stem Cell Reports, 2015, 4, 489-502.	4.8	142
83	Genome Editing in Mouse Spermatogonial Stem Cell Lines Using TALEN and Double-Nicking CRISPR/Cas9. Stem Cell Reports, 2015, 5, 75-82.	4.8	65
84	One-step generation of multiple transgenic mouse lines using an improved Pronuclear Injection-based Targeted Transgenesis (i-PITT). BMC Genomics, 2015, 16, 274.	2.8	19
85	Impaired active DNA demethylation in zygotes generated by round spermatid injection. Human Reproduction, 2015, 30, 1178-1187.	0.9	25
86	Induction of DNA Methylation by Artificial piRNA Production in Male Germ Cells. Current Biology, 2015, 25, 901-906.	3.9	34
87	Histone chaperone CAF-1 mediates repressive histone modifications to protect preimplantation mouse embryos from endogenous retrotransposons. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14641-14646.	7.1	68
88	Microdroplet In Vitro Fertilization Can Reduce the Number of Spermatozoa Necessary for Fertilizing Oocytes. Journal of Reproduction and Development, 2014, 60, 187-193.	1.4	15
89	Devising Assisted Reproductive Technologies for Wild-Derived Strains of Mice: 37 Strains from Five Subspecies of Mus musculus. PLoS ONE, 2014, 9, e114305.	2.5	29
90	Understanding the X chromosome inactivation cycle in mice. Epigenetics, 2014, 9, 204-211.	2.7	27

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91	A Missense Mutation in Rev7 Disrupts Formation of Polζ, Impairing Mouse Development and Repair of Genotoxic Agent-induced DNA Lesions. Journal of Biological Chemistry, 2014, 289, 3811-3824.	3.4	24
92	Establishment of Paternal Genomic Imprinting in Mouse Prospermatogonia Analyzed by Nuclear Transfer1. Biology of Reproduction, 2014, 91, 120.	2.7	12
93	Oligoâ€asthenoâ€teratozoospermia in mice lacking <scp>ORP</scp>4, a sterolâ€binding protein in the OSBPâ€related protein family. Genes To Cells, 2014, 19, 13-27.	1.2	60
94	Clone-Specific X-Linked Gene Repression Caused by Ectopic Xist Transcripts from the Active X Chromosome. , 2014, , 161-172.		0
95	RNA sequencing-based identification of aberrant imprinting in cloned mice. Human Molecular Genetics, 2014, 23, 992-1001.	2.9	57
96	A heterozygous mutation of GALNTL5 affects male infertility with impairment of sperm motility. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1120-1125.	7.1	57
97	Offspring production with sperm grown in vitro from cryopreserved testis tissues. Nature Communications, 2014, 5, 4320.	12.8	139
98	Improved Serum- and Feeder-Free Culture of Mouse Germline Stem Cells1. Biology of Reproduction, 2014, 91, 88.	2.7	69
99	Mouse embryonic stem cells cultured under serum- and feeder-free conditions maintain their self-renewal capacity on hydroxyapatite. Materials Science and Engineering C, 2014, 34, 214-220.	7.3	6
100	Histone Variants Enriched in Oocytes Enhance Reprogramming to Induced Pluripotent Stem Cells. Cell Stem Cell, 2014, 14, 217-227.	11.1	130
101	Role of retinoic acid and fibroblast growth factor 2 in neural differentiation from cynomolgus monkey (Macaca fascicularis) embryonic stem cells. Comparative Medicine, 2014, 64, 140-7.	1.0	8
102	Epigenetic Regulation of Mouse Sex Determination by the Histone Demethylase Jmjd1a. Science, 2013, 341, 1106-1109.	12.6	217
103	Nuclear Transfer in the Mouse Oocyte. Methods in Molecular Biology, 2013, 957, 285-300.	0.9	1
104	Mouse Cloning Using a Drop of Peripheral Blood1. Biology of Reproduction, 2013, 89, 24.	2.7	21
105	The Arf GAP SMAP2 is necessary for organized vesicle budding from the trans-Golgi network and subsequent acrosome formation in spermiogenesis. Molecular Biology of the Cell, 2013, 24, 2633-2644.	2.1	31
106	t-SNARE Syntaxin2 (STX2) Is Implicated in Intracellular Transport of Sulfoglycolipids During Meiotic Prophase in Mouse Spermatogenesis. Biology of Reproduction, 2013, 88, 141-141.	2.7	26
107	Resistin-Like Molecule Î² Is Abundantly Expressed in Foam Cells and Is Involved in Atherosclerosis Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1986-1993.	2.4	34
108	Regulation of pluripotency in male germline stem cells by Dmrt1. Genes and Development, 2013, 27, 1949-1958.	5.9	54

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109	Tenc1-Deficient Mice Develop Glomerular Disease in a Strain-Specific Manner. Nephron Experimental Nephrology, 2013, 123, 22-33.	2.2	19
110	Generation of a novel germline stem cell line expressing a germlineâ€specific reporter in the mouse. Genesis, 2013, 51, 498-505.	1.6	7
111	Recent advancements in cloning by somatic cell nuclear transfer. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20110329.	4.0	179
112	Naive-like Conversion Overcomes the Limited Differentiation Capacity of Induced Pluripotent Stem Cells. Journal of Biological Chemistry, 2013, 288, 26157-26166.	3.4	43
113	A Mutation in the Nuclear Pore Complex Gene Tmem48 Causes Gametogenesis Defects in Skeletal Fusions with Sterility (sks) Mice. Journal of Biological Chemistry, 2013, 288, 31830-31841.	3.4	12
114	RNAi-mediated Knockdown of <i>Xist</i> Does Not Rescue the Impaired Development of Female Cloned Mouse Embryos. Journal of Reproduction and Development, 2013, 59, 231-237.	1.4	24
115	Somatic Donor Cell Type Correlates with Embryonic, but Not Extra-Embryonic, Gene Expression in Postimplantation Cloned Embryos. PLoS ONE, 2013, 8, e76422.	2.5	18
116	High Osmolality Vitrification: A New Method for the Simple and Temperature-Permissive Cryopreservation of Mouse Embryos. PLoS ONE, 2013, 8, e49316.	2.5	31
117	Efficient Production of Offspring from Japanese Wild-Derived Strains of Mice (Mus musculus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 1-7.	2.7	33
118	ES cell differentiation system recapitulates the establishment of imprinted gene expression in a cell-type-specific manner. Human Molecular Genetics, 2012, 21, 1391-1401.	2.9	17
119	Equilibrium vitrification of mouse embryos at various developmental stages. Molecular Reproduction and Development, 2012, 79, 785-794.	2.0	9
120	Molecular Identification of t: Vps52 Promotes Pluripotential Cell Differentiation through Cellâ€“Cell Interactions. Cell Reports, 2012, 2, 1363-1374.	6.4	31
121	Testis tissue explantation cures spermatogenic failure in c-Kit ligand mutant mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16934-16938.	7.1	61
122	Reconstitution of Mouse Spermatogonial Stem Cell Niches in Culture. Cell Stem Cell, 2012, 11, 567-578.	11.1	104
123	Optimization of a Protocol for Cryopreservation of Mouse Spermatozoa Using Cryotubes. Journal of Reproduction and Development, 2012, 58, 156-161.	1.4	20
124	PGC7 binds histone H3K9me2 to protect against conversion of 5mC to 5hmC in early embryos. Nature, 2012, 486, 415-419.	27.8	397
125	Serum- and Feeder-Free Culture of Mouse Germline Stem Cells1. Biology of Reproduction, 2011, 84, 97-105.	2.7	115
126	In vitro production of fertile sperm from murine spermatogonial stem cell lines. Nature Communications, 2011, 2, 472.	12.8	198

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127	Intracytoplasmic sperm injection induces transcriptome perturbation without any transgenerational effect. Biochemical and Biophysical Research Communications, 2011, 410, 282-288.	2.1	22
128	Birth of Normal Mice Following Round Spermatid Injection Without Artificial Oocyte Activation. Journal of Reproduction and Development, 2011, 57, 534-538.	1.4	14
129	Cryopreservation of Mouse Embryos by Ethylene Glycol-Based Vitrification. Journal of Visualized Experiments, 2011, , .	0.3	13
130	In vitro production of functional sperm in cultured neonatal mouse testes. Nature, 2011, 471, 504-507.	27.8	630
131	Production of Mouse Embryonic Stem Cell Lines from Maturing Oocytes by Direct Conversion of Meiosis into Mitosis. Stem Cells, 2011, 29, 517-527.	3.2	7
132	Generation of Functional Oocytes and Spermatids from Fetal Primordial Germ Cells after Ectopic Transplantation in Adult Mice. Biology of Reproduction, 2011, 84, 631-638.	2.7	60
133	RNAi-mediated knockdown of Xist can rescue the impaired postimplantation development of cloned mouse embryos. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20621-20626.	7.1	142
134	Genetic Influences in Mouse Spermatogonial Stem Cell Self-Renewal. Journal of Reproduction and Development, 2010, 56, 145-153.	1.4	16
135	BMP4 induction of trophoblast from mouse embryonic stem cells in defined culture conditions on laminin. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 416-430.	1.5	70
136	The Effect on Intracytoplasmic Sperm Injection Outcome of Genotype, Male Germ Cell Stage and Freeze-Thawing in Mice. PLoS ONE, 2010, 5, e11062.	2.5	29
137	Impeding Xist Expression from the Active X Chromosome Improves Mouse Somatic Cell Nuclear Transfer. Science, 2010, 330, 496-499.	12.6	224
138	Equilibrium Vitrification of Mouse Embryos1. Biology of Reproduction, 2010, 82, 444-450.	2.7	25
139	Generation of Induced Pluripotent Stem Cells in Rabbits. Journal of Biological Chemistry, 2010, 285, 31362-31369.	3.4	153
140	Rapid detection of Pseudomonas aeruginosa in mouse feces by colorimetric loop-mediated isothermal amplification. Journal of Microbiological Methods, 2010, 81, 247-252.	1.6	48
141	Cryopreservation of Embryos in Laboratory Species. Journal of Mammalian Ova Research, 2010, 27, 87-92.	0.1	10
142	Large-scale production of growing oocytes in vitro from neonatal mouse ovaries. International Journal of Developmental Biology, 2009, 53, 605-613.	0.6	18
143	A High-Speed Congenic Strategy Using First-Wave Male Germ Cells. PLoS ONE, 2009, 4, e4943.	2.5	42
144	Heritable Imprinting Defect Caused by Epigenetic Abnormalities in Mouse Spermatogonial Stem Cells1. Biology of Reproduction, 2009, 80, 518-527.	2.7	41

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145	Basic FGF and Activin/Nodal but not LIF signaling sustain undifferentiated status of rabbit embryonic stem cells. Experimental Cell Research, 2009, 315, 2033-2042.	2.6	63
146	Efficient production of androgenetic embryos by round spermatid injection. Genesis, 2009, 47, 155-160.	1.6	16
147	Changes in alleleâ€specific association of histone modifications at the imprinting control regions during mouse preimplantation development. Genesis, 2009, 47, 611-616.	1.6	17
148	Functional assessment of centrosomes of spermatozoa and spermatids microinjected into rabbit oocytes. Molecular Reproduction and Development, 2009, 76, 270-277.	2.0	24
149	The Mouse Resources at the RIKEN BioResource Center. Experimental Animals, 2009, 58, 85-96.	1.1	42
150	Sex-Reversed Somatic Cell Cloning in the Mouse. Journal of Reproduction and Development, 2009, 55, 566-569.	1.4	19
151	Colorimetric detection of loop-mediated isothermal amplification reaction by using hydroxy naphthol blue. BioTechniques, 2009, 46, 167-172.	1.8	820
152	A Practical Novel Method for Ensuring Stable Capacitation of Spermatozoa from Cryopreserved C57BL/6J Sperm Suspension. Experimental Animals, 2009, 58, 395-401.	1.1	16
153	Role of retrotransposon-derived imprinted gene, Rtl1, in the feto-maternal interface of mouse placenta. Nature Genetics, 2008, 40, 243-248.	21.4	300
154	Reduced fertility of mouse epididymal sperm lacking Prss21/Tesp5 is rescued by sperm exposure to uterine microenvironment. Genes To Cells, 2008, 13, 1001-1013.	1.2	64
155	Effects of Akt signaling on nuclear reprogramming. Genes To Cells, 2008, 13, 1269-1277.	1.2	21
156	Stable embryonic stem cell lines in rabbits: potential small animal models for human research. Reproductive BioMedicine Online, 2008, 17, 706-715.	2.4	55
157	Reproductive Technologies and Related Studies in the Cynomolgus Monkey. Journal of Mammalian Ova Research, 2008, 25, 133-142.	0.1	0
158	Pluripotency of a Single Spermatogonial Stem Cell in Mice1. Biology of Reproduction, 2008, 78, 681-687.	2.7	170
159	Birth of Normal Offspring from Mouse Eggs Activated by a Phospholipase C.ZETA. Protein Lacking Three EF-hand Domains. Journal of Reproduction and Development, 2008, 54, 244-249.	1.4	18
160	Akt mediates self-renewal division of mouse spermatogonial stem cells. Development (Cambridge), 2007, 134, 1853-1859.	2.5	234
161	Adenovirus-mediated gene delivery into mouse spermatogonial stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2596-2601.	7.1	58
162	A Novel Mouse Model for Invariant NKT Cell Study. Journal of Immunology, 2007, 179, 3888-3895.	0.8	21

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163	Leukemia Inhibitory Factor Enhances Formation of Germ Cell Colonies in Neonatal Mouse Testis Culture1. Biology of Reproduction, 2007, 76, 55-62.	2.7	69
164	Production of Functional Spermatids from Mouse Germline Stem Cells in Ectopically Reconstituted Seminiferous Tubules1. Biology of Reproduction, 2007, 76, 211-217.	2.7	89
165	Production of knockout mice by gene targeting in multipotent germline stem cells. Developmental Biology, 2007, 312, 344-352.	2.0	40
166	Centromeric DNA hypomethylation as an epigenetic signature discriminates between germ and somatic cell lineages. Developmental Biology, 2007, 312, 419-426.	2.0	84
167	Isolation, characterization, andin vitroandin vivodifferentiation of putative thecal stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12389-12394.	7.1	122
168	The Developmental Ability of Vitrified Oocytes from Different Mouse Strains Assessed by Parthenogenetic Activation and Intracytoplasmic Sperm Injection. Journal of Reproduction and Development, 2007, 53, 1199-1206.	1.4	26
169	Differential Developmental Ability of Embryos Cloned from Tissue-Specific Stem Cells. Stem Cells, 2007, 25, 1279-1285.	3.2	62
170	Efficient production of intersubspecific hybrid mice and embryonic stem cells by intracytoplasmic sperm injection. Molecular Reproduction and Development, 2007, 74, 1081-1088.	2.0	11
171	The Critical Roles of Serum/Glucocorticoid-Regulated Kinase 3 (SGK3) in the Hair Follicle Morphogenesis and Homeostasis. American Journal of Pathology, 2006, 168, 1119-1133.	3.8	10
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