

Wataru Fujii

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,404
citations

393982

19
h-index

344852

36
g-index

65
all docs

65
docs citations

65
times ranked

2112
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression and regulation of estrogen receptor 2 and its coregulators in mouse granulosa cells. <i>Journal of Reproduction and Development</i> , 2022, 68, 137-143.	0.5	5
2	Mouse embryonic stem cells maintain differentiation potency into somatic lineage despite alternation of ploidy. <i>Zygote</i> , 2022, , 1-7.	0.5	0
3	Production of Germ Cell-Less Rainbow Trout by dead end Gene Knockout and their Use as Recipients for Germ Cell Transplantation. <i>Marine Biotechnology</i> , 2022, 24, 417-429.	1.1	19
4	Two acquired mouse Y chromosome-linked genes, <i>Prssl</i> and <i>Teyorf1</i> , are dispensable for male fertility. <i>Biology of Reproduction</i> , 2022, 107, 752-764.	1.2	5
5	Effect of fibroblast growth factor signaling on cumulus expansion in mice in vitro. <i>Molecular Reproduction and Development</i> , 2022, 89, 281-289.	1.0	0
6	L-PGDS Attenuates Acute Lung Injury by Prostaglandin D2 in Both Dependent and Independent Ways. <i>Journal of Immunology</i> , 2021, 207, 2545-2550.	0.4	1
7	Variable dependency on BAFF in IgG antibody production during <i>Leishmania</i> infection. <i>Parasitology International</i> , 2020, 74, 101997.	0.6	0
8	<i>Dlec1</i> is required for spermatogenesis and male fertility in mice. <i>Scientific Reports</i> , 2020, 10, 18883.	1.6	8
9	Effects of oocyte-derived paracrine factors on release of extracellular vesicles by murine mural granulosa cells in vitro. <i>Animal Science Journal</i> , 2020, 91, e13385.	0.6	4
10	Generation of mouse model of TGFBI-R124C corneal dystrophy using CRISPR/Cas9-mediated homology-directed repair. <i>Scientific Reports</i> , 2020, 10, 2000.	1.6	17
11	Oocytes suppress FOXL2 expression in cumulus cells in mice. <i>Biology of Reproduction</i> , 2020, 103, 85-93.	1.2	12
12	Pathological roles of MRP14 in anemia and splenomegaly during experimental visceral leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008020.	1.3	3
13	Expression and function of exportin 6 in full-grown and growing porcine oocytes. <i>Journal of Reproduction and Development</i> , 2019, 65, 407-412.	0.5	1
14	High-fidelity endonuclease variant HypaCas9 facilitates accurate allele-specific gene modification in mouse zygotes. <i>Communications Biology</i> , 2019, 2, 371.	2.0	32
15	Generation of genetically modified mice using SpCas9-NG engineered nuclease. <i>Scientific Reports</i> , 2019, 9, 12878.	1.6	15
16	Characterization of mRNA profiles of the exosome-like vesicles in porcine follicular fluid. <i>PLoS ONE</i> , 2019, 14, e0217760.	1.1	51
17	Hematopoietic prostaglandin D synthase-derived prostaglandin D 2 ameliorates adjuvant-induced joint inflammation in mice. <i>FASEB Journal</i> , 2019, 33, 6829-6837.	0.2	10
18	Forced Recycling of an AMA1-Based Genome-Editing Plasmid Allows for Efficient Multiple Gene Deletion/Integration in the Industrial Filamentous Fungus <i>Aspergillus oryzae</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	82

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19	Aggregation recovers developmental plasticity in mouse polyploid embryos. <i>Reproduction, Fertility and Development</i> , 2019, 31, 404.	0.1	2
20	MRP14 is dispensable for LPS-induced shock in BALB/c mice. <i>Immunology Letters</i> , 2018, 194, 13-20.	1.1	2
21	Effects of exportin 1 on nuclear transport and meiotic resumption in porcine full-grown and growing oocytes. <i>Biology of Reproduction</i> , 2018, 98, 501-509.	1.2	5
22	The essential role of phospho-38 CPI-17 in the maintenance of physiological blood pressure using genetically modified mice. <i>FASEB Journal</i> , 2018, 32, 2095-2109.	0.2	15
23	Exacerbation of hepatic injury during rodent malaria by myeloid-related protein 14. <i>PLoS ONE</i> , 2018, 13, e0199111.	1.1	10
24	CRISPR/Cas9-mediated knock-in of the murine Y chromosomal <i>Sry</i> gene. <i>Journal of Reproduction and Development</i> , 2018, 64, 283-287.	0.5	4
25	Chd9 mediates highly loosened chromatin structure in growing mouse oocytes. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 583-588.	1.0	13
26	Contributions of UBE2C and UBE2S to meiotic progression of porcine oocytes. <i>Journal of Reproduction and Development</i> , 2018, 64, 253-259.	0.5	15
27	Paraffin-embedded vertical sections of mouse embryonic stem cells. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1479-1481.	0.3	0
28	Expression of Genes Involved in the Non-Neuronal Cholinergic System and Their Possible Functions during Ovarian Follicular Development in Mice. <i>Journal of Mammalian Ova Research</i> , 2018, 35, 61-69.	0.1	0
29	Mast cell-derived prostaglandin D ₂ attenuates anaphylactic reactions in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 630-632.e9.	1.5	28
30	B-cell activating factor deficiency suppresses splenomegaly during <i>Leishmania donovani</i> infection. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 528-533.	1.0	11
31	GPR62 constitutively activates cAMP signaling but is dispensable for male fertility in mice. <i>Reproduction</i> , 2017, 154, 755-764.	1.1	17
32	Application of <i>dead end</i> knockout zebrafish as recipients of germ cell transplantation. <i>Molecular Reproduction and Development</i> , 2017, 84, 1100-1111.	1.0	55
33	Highly efficient gene targeting in <i>Aspergillus oryzae</i> industrial strains under <i>ligD</i> mutation introduced by genome editing: Strain-specific differences in the effects of deleting <i>EcdR</i> , the negative regulator of sclerotia formation. <i>Journal of General and Applied Microbiology</i> , 2017, 63, 172-178.	0.4	23
34	Efficient mutagenesis by CRISPR/Cas system during meiotic maturation of porcine oocytes. <i>Journal of Reproduction and Development</i> , 2017, 63, 45-50.	0.5	9
35	Effects of exosome-like vesicles on cumulus expansion in pigs <i>in vitro</i> . <i>Journal of Reproduction and Development</i> , 2017, 63, 51-58.	0.5	35
36	Efficient Generation of Genome-Modified Mice Using <i>Campylobacter jejuni</i> -Derived CRISPR/Cas. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2286.	1.8	5

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37	Generation of Knock-in Mouse by Genome Editing. <i>Methods in Molecular Biology</i> , 2017, 1630, 91-100.	0.4	5
38	Herpes simplex virus-1 evasion of CD8+ T cell accumulation contributes to viral encephalitis. <i>Journal of Clinical Investigation</i> , 2017, 127, 3784-3795.	3.9	32
39	Recent biotechnology tools contributing to the molecular-genetics analysis for non-model animals.. <i>Journal of Animal Genetics</i> , 2017, 45, 19-30.	0.5	0
40	Mouse oocytes suppress miR-322-5p expression in ovarian granulosa cells. <i>Journal of Reproduction and Development</i> , 2016, 62, 393-399.	0.5	11
41	Effects of whole genome duplication on cell size and gene expression in mouse embryonic stem cells. <i>Journal of Reproduction and Development</i> , 2016, 62, 571-576.	0.5	9
42	Effects of porcine oocytes on the expression levels of transcripts encoding glycolytic enzymes in granulosa cells. <i>Animal Science Journal</i> , 2016, 87, 1114-1121.	0.6	7
43	Zygote-mediated generation of genome-modified mice using <i>Streptococcus thermophilus</i> 1-derived CRISPR/Cas system. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 473-476.	1.0	20
44	Analyses of EMI functions on meiotic maturation of porcine oocytes. <i>Molecular Reproduction and Development</i> , 2016, 83, 983-992.	1.0	5
45	A critical role of solute carrier 22a14 in sperm motility and male fertility in mice. <i>Scientific Reports</i> , 2016, 6, 36468.	1.6	23
46	Development of a mono-promoter-driven CRISPR/Cas9 system in mammalian cells. <i>Scientific Reports</i> , 2016, 5, 18341.	1.6	51
47	Development of a genome editing technique using the CRISPR/Cas9 system in the industrial filamentous fungus <i>Aspergillus oryzae</i> . <i>Biotechnology Letters</i> , 2016, 38, 637-642.	1.1	181
48	Tetraploid Embryonic Stem Cells Maintain Pluripotency and Differentiation Potency into Three Germ Layers. <i>PLoS ONE</i> , 2015, 10, e0130585.	1.1	13
49	Finding of a highly efficient ZFN pair for <i>Agapep</i> gene functioning in murine zygotes. <i>Journal of Reproduction and Development</i> , 2015, 61, 589-593.	0.5	1
50	One-step Generation of Phenotype-expressing Triple-knockout Mice with Heritable Mutated Alleles by the CRISPR/Cas9 System. <i>Journal of Reproduction and Development</i> , 2014, 60, 324-327.	0.5	24
51	Expression and Regulation of FGF Receptors in Mouse Granulosa Cells. <i>Journal of Mammalian Ova Research</i> , 2014, 31, 86-92.	0.1	4
52	Efficient generation of genome-modified mice via offset-nicking by CRISPR/Cas system. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 791-794.	1.0	60
53	Discoidin domain receptor 2 (DDR2) regulates body size and fat metabolism in mice. <i>Transgenic Research</i> , 2014, 23, 165-175.	1.3	16
54	Cytoplasmic Anchoring of cAMP-Dependent Protein Kinase (PKA) by A-Kinase Anchor Proteins (AKAPs) Is Required for Meiotic Arrest of Porcine Full-Grown and Growing Oocytes1. <i>Biology of Reproduction</i> , 2014, 90, 58.	1.2	13

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55	Generation of muscular dystrophy model rats with a CRISPR/Cas system. <i>Scientific Reports</i> , 2014, 4, 5635.	1.6	119
56	Cooperative Effects of 17 β -Estradiol and Oocyte-Derived Paracrine Factors on the Transcriptome of Mouse Cumulus Cells. <i>Endocrinology</i> , 2013, 154, 4859-4872.	1.4	27
57	Efficient generation of large-scale genome-modified mice using gRNA and CAS9 endonuclease. <i>Nucleic Acids Research</i> , 2013, 41, e187-e187.	6.5	197
58	Repeatable Construction Method for Engineered Zinc Finger Nuclease Based on Overlap Extension PCR and TA-Cloning. <i>PLoS ONE</i> , 2013, 8, e59801.	1.1	20
59	Analyses of the Involvement of PKA Regulation Mechanism in Meiotic Incompetence of Porcine Growing Oocytes1. <i>Biology of Reproduction</i> , 2012, 87, 53.	1.2	7
60	The Regulation Mechanism of Phosphorylation of CDC2 Threonine 161 During Porcine Oocyte Maturation.. <i>Biology of Reproduction</i> , 2012, 87, 289-289.	1.2	0
61	CDK7 and CCNH Are Components of CDK-Activating Kinase and Are Required for Meiotic Progression of Pig Oocytes1. <i>Biology of Reproduction</i> , 2011, 85, 1124-1132.	1.2	27
62	Upstream Factors Regulating Maturation/M-Phase Promoting Factor Activity During Oocyte Maturation. <i>Journal of Mammalian Ova Research</i> , 2010, 27, 27-34.	0.1	1
63	Exogenous Adenosine Reduces the Mitochondrial Membrane Potential of Murine Oocytes During the Latter Half of In Vitro Maturation and Pronuclear Formation Following Chemical Activation. <i>Journal of Reproduction and Development</i> , 2009, 55, 187-193.	0.5	11
64	In vitro development of non-enucleated rat oocytes following microinjection of a cumulus nucleus and chemical activation. <i>Zygote</i> , 2008, 16, 117-125.	0.5	6