

# Manabu Ozawa

## List of Publications by Year in descending order

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45  
papers

1,446  
citations

361413  
20  
h-index

345221  
36  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-Type-Specific Alternative Splicing Governs Cell Fate in the Developing Cerebral Cortex. <i>Cell</i> , 2016, 166, 1147-1162.e15.	28.9	276
2	Developmental competence of in vitro-fertilized porcine oocytes after in vitro maturation and solid surface vitrification: Effect of cryopreservation on oocyte antioxidative system and cell cycle stage. <i>Cryobiology</i> , 2007, 55, 115-126.	0.7	143
3	Generation of a p16 Reporter Mouse and Its Use to Characterize and Target p16high Cells In Vivo. <i>Cell Metabolism</i> , 2020, 32, 814-828.e6.	16.2	93
4	Live Piglets Derived from In Vitro-Produced Zygotes Vitrified at the Pronuclear Stage1. <i>Biology of Reproduction</i> , 2009, 80, 42-49.	2.7	70
5	NELL2-mediated lumicrine signaling through OVCH2 is required for male fertility. <i>Science</i> , 2020, 368, 1132-1135.	12.6	63
6	The histone demethylase Fbxl11/Kdm2a plays an essential role in embryonic development by repressing cell-cycle regulators. <i>Mechanisms of Development</i> , 2015, 135, 31-42.	1.7	56
7	Effects of Heat Stress on the Redox Status in the Oviduct and Early Embryonic Development in Mice. <i>Journal of Reproduction and Development</i> , 2005, 51, 281-287.	1.4	53
8	Alleviation of maternal hyperthermia-induced early embryonic death by administration of melatonin to mice. <i>Journal of Pineal Research</i> , 2005, 39, 217-223.	7.4	51
9	Fibroblast Growth Factor 2 Promotes Primitive Endoderm Development in Bovine Blastocyst Outgrowths1. <i>Biology of Reproduction</i> , 2011, 85, 946-953.	2.7	51
10	Development to the blastocyst stage of parthenogenetically activated in vitro matured porcine oocytes after solid surface vitrification (SSV). <i>Theriogenology</i> , 2006, 66, 415-422.	2.1	50
11	Development to the blastocyst stage, the oxidative state, and the quality of early developmental stage of porcine embryos cultured in alteration of glucose concentrations in vitro under different oxygen tensions. <i>Reproductive Biology and Endocrinology</i> , 2006, 4, 54.	3.3	38
12	In vitro development of polyspermic porcine oocytes: Relationship between early fragmentation and excessive number of penetrating spermatozoa. <i>Animal Reproduction Science</i> , 2008, 107, 131-147.	1.5	33
13	WNT regulation of embryonic development likely involves pathways independent of nuclear CTNNB1. <i>Reproduction</i> , 2017, 153, 405-419.	2.6	33
14	Successful piglet production by IVF of oocytes matured in vitro using NCSU-37 supplemented with fetal bovine serum. <i>Theriogenology</i> , 2006, 65, 374-386.	2.1	28
15	Production of inhibin A and inhibin B in boars: Changes in testicular and circulating levels of dimeric inhibins and characterization of inhibin forms during testis growth. <i>Domestic Animal Endocrinology</i> , 2007, 33, 410-421.	1.6	25
16	Redox Status of the Oviduct and Cdc2 Activity in 2-Cell Stage Embryos in Heat-Stressed Mice1. <i>Biology of Reproduction</i> , 2004, 71, 291-296.	2.7	24
17	Development to the blastocyst stage of immature pig oocytes arrested before the metaphase-II stage and fertilized in vitro. <i>Animal Reproduction Science</i> , 2005, 90, 307-328.	1.5	24
18	Introduction of Various Vietnamese Indigenous Pig Breeds and Their Conservation by Using Assisted Reproductive Techniques. <i>Journal of Reproduction and Development</i> , 2010, 56, 31-35.	1.4	24

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19	Successful pig embryonic development in vitro outside a CO <sub>2</sub> gas-regulated incubator: Effects of pH and osmolality. <i>Theriogenology</i> , 2006, 65, 860-869.	2.1	23
20	RNA-binding protein Ptbp1 is essential for BCR-mediated antibody production. <i>International Immunology</i> , 2019, 31, 157-166.	4.0	22
21	Cumulus cell-enclosed oocytes acquire a capacity to synthesize GSH by FSH stimulation during in vitro maturation in pigs. <i>Journal of Cellular Physiology</i> , 2010, 222, 294-301.	4.1	21
22	Development of monoclonal antibodies for analyzing immune and hematopoietic systems of common marmoset. <i>Experimental Hematology</i> , 2009, 37, 1318-1329.	0.4	20
23	Cell-type dependent enhancer binding of the EWS/ATF1 fusion gene in clear cell sarcomas. <i>Nature Communications</i> , 2019, 10, 3999.	12.8	20
24	A novel method for purification of inner cell mass and trophectoderm cells from blastocysts using magnetic activated cell sorting. <i>Fertility and Sterility</i> , 2011, 95, 799-802.	1.0	19
25	Affected Homologous Chromosome Pairing and Phosphorylation of Testis Specific Histone, H2AX, in Male Meiosis Under FKBP6 Deficiency. <i>Journal of Reproduction and Development</i> , 2008, 54, 203-207.	1.4	17
26	The Histone Demethylase FBXL10 Regulates the Proliferation of Spermatogonia and Ensures Long-Term Sustainable Spermatogenesis in Mice <sup>1</sup> . <i>Biology of Reproduction</i> , 2016, 94, 92.	2.7	17
27	DMRT1-mediated reprogramming drives development of cancer resembling human germ cell tumors with features of totipotency. <i>Nature Communications</i> , 2021, 12, 5041.	12.8	17
28	Developmental competence and glutathione content of maternally heat-stressed mouse oocytes and zygotes. <i>Animal Science Journal</i> , 2004, 75, 117-124.	1.4	13
29	Rubicon prevents autophagic degradation of GATA4 to promote Sertoli cell function. <i>PLoS Genetics</i> , 2021, 17, e1009688.	3.5	13
30	Double expression of CD34 and CD117 on bone marrow progenitors is a hallmark of the development of functional mast cell of <i>Callithrix jacchus</i> (common marmoset). <i>International Immunology</i> , 2012, 24, 593-603.	4.0	12
31	Viability of maternally heat-stressed mouse zygotes in vivo and in vitro. <i>Animal Science Journal</i> , 2003, 74, 181-185.	1.4	11
32	Development to the Blastocyst Stage of Porcine Somatic Cell Nuclear Transfer Embryos Reconstructed by the Fusion of Cumulus Cells and Cytoplasts Prepared by Gradient Centrifugation. <i>Cloning and Stem Cells</i> , 2007, 9, 216-228.	2.6	11
33	PTBP1 contributes to spermatogenesis through regulation of proliferation in spermatogonia. <i>Journal of Reproduction and Development</i> , 2019, 65, 37-46.	1.4	11
34	Skewed endosomal RNA responses from TLR7 to TLR3 in RNase T2-deficient macrophages. <i>International Immunology</i> , 2021, 33, 479-490.	4.0	9
35	Plasma concentrations of inhibin A in cattle with follicular cysts: relationships with turnover of follicular waves and plasma levels of gonadotropins and steroid hormones. <i>Domestic Animal Endocrinology</i> , 2004, 27, 333-344.	1.6	8
36	The requirement for protein kinase C delta (PRKCD) during preimplantation bovine embryo development. <i>Reproduction, Fertility and Development</i> , 2016, 28, 482.	0.4	8

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37	Fine Mapping of a Region of Rat Chromosome 12 Close to the Aspermia (as) Locus and Comparison with the Human Orthologous Regions. <i>Experimental Animals</i> , 2004, 53, 429-435.	1.1	7
38	Development of FGF2-dependent pluripotent stem cells showing naive state characteristics from murine preimplantation inner cell mass. <i>Stem Cell Research</i> , 2014, 13, 75-87.	0.7	7
39	MYCL-mediated reprogramming expands pancreatic insulin-producing cells. <i>Nature Metabolism</i> , 2022, 4, 254-268.	11.9	7
40	Splice factor polypyrimidine tract-binding protein 1 (Ptbp1) primes endothelial inflammation in atherogenic disturbed flow conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	7
41	Factors Affecting Fertilization and Embryonic Development During Intracytoplasmic Sperm Injection in Pigs. <i>Journal of Reproduction and Development</i> , 2011, 57, 183-187.	1.4	5
42	RNA-binding protein Ptbp1 regulates alternative splicing and transcriptome in spermatogonia and maintains spermatogenesis in concert with Nanos3. <i>Journal of Reproduction and Development</i> , 2020, 66, 459-467.	1.4	3
43	Generation of mice for evaluating endogenous p16Ink4a protein expression. <i>Biochemical and Biophysical Research Communications</i> , 2022, 599, 43-50.	2.1	3
44	Leukemogenic Fusion Gene (p190 BCR-ABL) Transduction Into Hematopoietic Stem/Progenitor Cells In the Common Marmoset. <i>Blood</i> , 2010, 116, 4323-4323.	1.4	0
45	Age-associated alteration of female reproductive morphology and fertility in mice. <i>Journal of Reproductive Immunology</i> , 2021, 148, 103411.	1.9	0