

Takashi Miyano

List of Publications by Year in descending order

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53
papers

1,271
citations

411340

20
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34
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docs citations

53
times ranked

1163
citing authors

#	ARTICLE	IF	CITATIONS
1	Oocyte-derived growth factors promote development of antrum-like structures by porcine cumulus granulosa cells <i>in vitro&/i>. Journal of Reproduction and Development, 2022, 68, 238-245.	0.5	1
2	Effects of oocyte-derived growth factors on the growth of porcine oocytes and oocyteâ€“cumulus cell complexes <i>in vitro&/i>. Journal of Reproduction and Development, 2021, 67, 273-281.	0.5	8
3	<i>In vitro&/i> growth of bovine oocytes in oocyte-cumulus cell complexes and the effect of follicle stimulating hormone on the growth of oocytes. Journal of Reproduction and Development, 2021, 67, 5-13.	0.5	4
4	Reestablishment of transzonal projections and growth of bovine oocytes <i>in vitro&/i>. Journal of Reproduction and Development, 2021, 67, 300-306.	0.5	9
5	Interaction between growing oocytes and granulosa cells in vitro. Reproductive Medicine and Biology, 2020, 19, 13-23.	1.0	95
6	Inhibition of PDE3A sustains meiotic arrest and gap junction of bovine growing oocytes in inÂvitro growth culture. Theriogenology, 2018, 118, 110-118.	0.9	19
7	GDF9 and BMP15 induce development of antrum-like structures by bovine granulosa cells without oocytes. Journal of Reproduction and Development, 2018, 64, 423-431.	0.5	24
8	The fertilization ability and developmental competence of bovine oocytes grown <i>in vitro</i>. Journal of Reproduction and Development, 2016, 62, 379-384.	0.5	13
9	Androgens promote the acquisition of maturation competence in bovine oocytes. Journal of Reproduction and Development, 2015, 61, 211-217.	0.5	13
10	Effect of estradiolâ€“17 β during <i>in vitro</i> growth culture on the growth, maturation, cumulus expansion and development of porcine oocytes from early antral follicles. Animal Science Journal, 2015, 86, 251-259.	0.6	23
11	Steroid hormones promote bovine oocyte growth and connection with granulosa cells. Theriogenology, 2014, 82, 605-612.	0.9	30
12	Hematoxylin Staining Reveals a Decrease in Nucleolar Diameter of Pig Oocytes Before Germinal Vesicle Breakdown. Journal of Reproduction and Development, 2013, 59, 500-505.	0.5	1
13	Effect of androstenedione on the growth and meiotic competence of bovine oocytes from early antral follicles. Zygote, 2012, 20, 407-415.	0.5	19
14	Foxo3 negatively regulates the activation of mouse primordial oocytes. Reproductive Medicine and Biology, 2012, 11, 193-199.	1.0	0
15	A combination of FSH and dibutyryl cyclic AMP promote growth and acquisition of meiotic competence of oocytes from early porcine antral follicles. Theriogenology, 2011, 75, 1602-1612.	0.9	29
16	p27Kip1 Negatively Regulates the Activation of Murine Primordial Oocytes. Journal of Reproduction and Development, 2011, 57, 217-222.	0.5	13
17	Bovine Oocytes in Secondary Follicles Grow in Medium Containing Bovine Plasma after Vitrification. Journal of Reproduction and Development, 2011, 57, 99-106.	0.5	4
18	FOXO3 Knockdown Accelerates Development of Bovine Primordial Follicles. Journal of Reproduction and Development, 2011, 57, 475-480.	0.5	10

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19	Vitrification of Fully Grown and Growing Porcine Oocytes Using Germinal Vesicle Transfer. <i>Journal of Reproduction and Development</i> , 2011, 57, 335-341.	0.5	7
20	Testosterone induces activation of porcine primordial follicles in vitro. <i>Reproductive Medicine and Biology</i> , 2011, 10, 21-30.	1.0	15
21	Histological and biological assessment of vitrified ovarian follicles from large animals. <i>Reproductive Medicine and Biology</i> , 2011, 10, 211-219.	1.0	1
22	Knockdown of FOXO3 induces primordial oocyte activation in pigs. <i>Reproduction</i> , 2010, 139, 337-348.	1.1	21
23	Development of vitrified bovine secondary and primordial follicles in xenografts. <i>Theriogenology</i> , 2010, 74, 817-827.	0.9	29
24	Unified mode of centromeric protection by shugoshin in mammalian oocytes and somatic cells. <i>Nature Cell Biology</i> , 2008, 10, 42-52.	4.6	230
25	Ex Vivo Growth and Maturation of Oocytes in Farm Animals.. <i>Biology of Reproduction</i> , 2008, 78, 280-280.	1.2	0
26	Oocyte growth and follicular development in KIT-deficient Fas-knockout mice. <i>Reproduction</i> , 2007, 133, 117-125.	1.1	53
27	KIT-KIT Ligand in the Growth of Porcine Oocytes in Primordial Follicles. <i>Journal of Reproduction and Development</i> , 2007, 53, 1273-1281.	0.5	27
28	Oocyte growth and acquisition of meiotic competence. <i>Society of Reproduction and Fertility Supplement</i> , 2007, 63, 531-8.	0.2	9
29	<i>In Vitro</i> Growth of Mammalian Oocytes. <i>Journal of Reproduction and Development</i> , 2005, 51, 169-176.	0.5	20
30	Fertilization and development of bovine oocytes grown in female SCID mice. <i>Zygote</i> , 2005, 13, 309-315.	0.5	16
31	Effects of Long-Term Grafting on Follicular Growth in Porcine Ovarian Cortical Grafts Xenopanted to Severe Combined Immunodeficient (SCID) Mice. <i>Journal of Reproduction and Development</i> , 2005, 51, 77-85.	0.5	15
32	Xenografting of Bovine Secondary Follicles into Male and Female SCID Mice. <i>Journal of Mammalian Ova Research</i> , 2004, 21, 157-161.	0.1	3
33	Xenografting of Bovine Secondary Follicles into Ovariectomized Female Severe Combined Immunodeficient Mice. <i>Journal of Reproduction and Development</i> , 2004, 50, 439-444.	0.5	10
34	G2/M transition of pig oocytes: How do oocytes initiate maturation?. <i>Reproductive Medicine and Biology</i> , 2003, 2, 91-99.	1.0	6
35	Bovine oocytes in secondary follicles grow and acquire meiotic competence in severe combined immunodeficient mice. <i>Zygote</i> , 2003, 11, 139-149.	0.5	29
36	Acquisition of meiotic competence in growing pig oocytes correlates with their ability to activate Cdc2 kinase and MAP kinase. <i>Zygote</i> , 2002, 10, 261-270.	0.5	23

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37	Hypoxanthine Promotes the Acquisition of Meiotic Competence in Pig Oocytes from Early Antral Follicles during Growth Culture. <i>Journal of Mammalian Ova Research</i> , 2002, 19, 39-45.	0.1	7
38	Localisation of phosphorylated MAP kinase during the transition from meiosis I to meiosis II in pig oocytes. <i>Zygote</i> , 2000, 8, 119-125.	0.5	72
39	Degradation of pig cyclin B1 molecules precedes MAP kinase dephosphorylation during fertilisation of the oocytes. <i>Zygote</i> , 2000, 8, 153-158.	0.5	11
40	Specific regulation of CENP-E and kinetochores during meiosis I/meiosis II transition in pig oocytes. <i>Molecular Reproduction and Development</i> , 2000, 56, 51-62.	1.0	40
41	Spindle Formation and Dynamics of β -Tubulin and Nuclear Mitotic Apparatus Protein Distribution During Meiosis in Pig and Mouse Oocytes1. <i>Biology of Reproduction</i> , 2000, 62, 1184-1192.	1.2	100
42	Tyrosine phosphorylation of p34cdc2 in metaphase II-arrested pig oocytes results in pronucleus formation without chromosome segregation. <i>Molecular Reproduction and Development</i> , 1999, 52, 107-116.	1.0	17
43	Promotion of follicular antrum formation by pig oocytes <i>in vitro</i> . <i>Zygote</i> , 1998, 6, 47-54.	0.5	23
44	Fertilization of bovine oocytes grown <i>in vitro</i> . <i>Reproduction, Fertility and Development</i> , 1997, 9, 781.	0.1	14
45	Inhibitory action of hypoxanthine on meiotic resumption of denuded pig follicular oocytes <i>in vitro</i> . <i>The Journal of Experimental Zoology</i> , 1995, 273, 70-75.	1.4	36
46	Association between p34cdc2 levels and meiotic arrest in pig oocytes during early growth. <i>Zygote</i> , 1995, 3, 325-332.	0.5	67
47	Detection of 25-kDa Anti-Agglutinin in Epididymal Plasma and Spermatozoa Collected from Various Regions of Boar Epididymis.. <i>Journal of Reproduction and Development</i> , 1995, 41, 113-121.	0.5	9
48	Ovarian Response to Exogenous Gonadotropins and <i>In Vitro</i> Fertilization of Follicular Oocytes in Prepubertal Chinese Jinhua Pigs.. <i>Journal of Reproduction and Development</i> , 1994, 40, 91-97.	0.5	2
49	Acquisition of maturational competence in <i>in vitro</i> grown mouse oocytes. <i>The Journal of Experimental Zoology</i> , 1993, 267, 543-547.	1.4	25
50	Effect of PMSC on Early Oocyte Growth and Follicular Development in Newborn Mouse Ovaries Cultured <i>In Vitro</i> .. <i>Journal of Reproduction and Development</i> , 1993, 39, 13-17.	0.5	3
51	Effect of concentration of sodium laurylsulfate on motility and acrosome morphology of frozen boar spermatozoa.. <i>The Japanese Journal of Animal Reproduction</i> , 1990, 36, 26-30.	0.2	6
52	Formation of the zona pellucida in relation to the oocyte growth in the mouse ovary.. <i>The Japanese Journal of Animal Reproduction</i> , 1988, 34, 61-66.	0.2	6
53	Growth of Mouse Oocytes in Ovaries Cultured <i>In Vitro</i> . <i>Nihon Chikusan Gakkaiho</i> , 1988, 59, 848-853.	0.0	4