Hiroyuki Kaneko

List of Publications by Year
in descending order

30	1,148	567144 15	477173 29
papers	citations	h-index	g-index

30	30	30	731
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Successful Piglet Production after Transfer of Blastocysts Produced by a Modified In Vitro System. Biology of Reproduction, 2002, 66, 1033-1041.	1.2	294
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. Cryobiology, 2007, 55, 115-126.	0.3	143
3	Developmental Competence, after Transfer to Recipients, of Porcine Oocytes Matured, Fertilized, and Cultured In Vitro. Biology of Reproduction, 1999, 60, 336-340.	1.2	100
4	Viable Piglets Generated from Porcine Oocytes Matured In Vitro and Fertilized by Intracytoplasmic Sperm Head Injection. Biology of Reproduction, 2003, 68, 1003-1008.	1.2	78
5	Production of viable piglets for the first time using sperm derived from ectopic testicular xenografts. Reproduction, 2010, 139, 331-335.	1.1	74
6	Live Piglets Derived from In Vitro-Produced Zygotes Vitrified at the Pronuclear Stage1. Biology of Reproduction, 2009, 80, 42-49.	1.2	70
7	Generation of Live Piglets for the First Time Using Sperm Retrieved from Immature Testicular Tissue Cryopreserved and Grafted into Nude Mice. PLoS ONE, 2013, 8, e70989.	1.1	65
8	Maturation and Fertilization of Porcine Oocytes from Primordial Follicles by a Combination of Xenografting and In Vitro Culture1. Biology of Reproduction, 2003, 69, 1488-1493.	1.2	52
9	Contribution of inÂvitro systems to preservation and utilization of porcine genetic resources. Theriogenology, 2016, 86, 170-175.	0.9	34
10	In vitro development of polyspermic porcine oocytes: Relationship between early fragmentation and excessive number of penetrating spermatozoa. Animal Reproduction Science, 2008, 107, 131-147.	0.5	33
11	Morphologic changes in boar sperm nuclei with reduced disulfide bonds in electrostimulated porcine oocytes. Reproduction, 2006, 131, 603-611.	1.1	32
12	Effects of gonadotrophin treatments on meiotic and developmental competence of oocytes in porcine primordial follicles following xenografting to nude mice. Reproduction, 2006, 131, 279-288.	1.1	23
13	Reproduction in Pigs Using Frozen-Thawed Spermatozoa from Epididymis Stored at 4C.. Journal of Reproduction and Development, 1999, 45, 345-350.	0.5	21
14	Endocrine Status and Development of Porcine Testicular Tissues in Host Mice. Journal of Reproduction and Development, 2008, 54, 480-485.	0.5	18
15	Normal reproductive development of pigs produced using sperm retrieved from immature testicular tissue cryopreserved and grafted into nude mice. Theriogenology, 2014, 82, 325-331.	0.9	18
16	Expression of DNA repair genes in porcine oocytes before and after fertilization by ICSI using freezeâ€dried sperm. Animal Science Journal, 2016, 87, 1325-1333.	0.6	14
17	Production of sperm from porcine fetal testicular tissue after cryopreservation and grafting into nude mice. Theriogenology, 2017, 91, 154-162.	0.9	12
18	Selection based on morphological features of porcine embryos produced by in vitro fertilization: Timing of early cleavages and the effect of polyspermy. Animal Science Journal, 2020, 91, e13401.	0.6	12

#	Article	IF	Citations
19	Vitrification of porcine cumulus-oocyte complexes at the germinal vesicle stage does not trigger apoptosis in oocytes and early embryos, but activates anti-apoptotic <i>Bcl-XL</i> gene expression beyond the 4-cell stage. Journal of Reproduction and Development, 2020, 66, 115-123.	0.5	11
20	Normal reproductive development of offspring derived by intracytoplasmic injection of porcine sperm grown in host mice. Theriogenology, 2012, 78, 898-906.	0.9	9
21	Embryo production by intracytoplasmic injection of sperm retrieved from Meishan neonatal testicular tissue cryopreserved and grafted into nude mice. Animal Science Journal, 2019, 90, 158-166.	0.6	9
22	Improved developmental ability of porcine oocytes grown in nude mice after fusion with cytoplasmic fragments prepared by centrifugation: A model for utilization of primordial oocytes. Theriogenology, 2013, 80, 887-892.	0.9	7
23	Growth and fertilization of porcine fetal oocytes grafted under the renal capsules of nude mice. Theriogenology, 2016, 86, 1740-1748.	0.9	4
24	Establishment of a strain of haemophilia-A pigs by xenografting of foetal testicular tissue from neonatally moribund cloned pigs. Scientific Reports, 2017, 7, 17026.	1.6	4
25	Production of Middle White Piglets after Transfer of Embryos Produced <i>In Vitro</i>. Journal of Reproduction and Development, 2014, 60, 246-249.	0.5	4
26	Excess polyspermy reduces the ability of porcine oocytes to promote male pronuclear formation after in vitro fertilization. Animal Science Journal, 2021, 92, e13650.	0.6	3
27	Developmental ability of oocytes retrieved from Meishan neonatal ovarian tissue grafted into nude mice. Animal Science Journal, 2019, 90, 344-352.	0.6	2
28	Pluripotencyâ€associated genes reposition during early embryonic developmental stages in pigs. Animal Science Journal, 2020, 91, e13408.	0.6	1
29	Production of Agu piglets after transfer of embryos produced in vitro. Animal Science Journal, 2022, 93, e13685.	0.6	1
30	Embryo production by intracytoplasmic injection of sperm retrieved from neonatal testicular tissue of Agu pigs after cryopreservation and grafting into nude mice. Animal Science Journal, 2020, 91, e13479.	0.6	0