Jun-Xue Jin

List of Publications by Year
in descending order

28	490	758635 12	713013 21
papers	citations	h-index	g-index

30	30	30	611
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Melatonin regulates lipid metabolism in porcine oocytes. Journal of Pineal Research, 2017, 62, e12388.	3.4	106
2	Lineage specification and pluripotency revealed by transcriptome analysis from oocyte to blastocyst in pig. FASEB Journal, 2020, 34, 691-705.	0.2	46
3	Melatonin influences the sonic hedgehog signaling pathway in porcine cumulus oocyte complexes. Journal of Pineal Research, 2017, 63, e12424.	3.4	38
4	Synergistic effects of resveratrol and melatonin on inÂvitro maturation of porcine oocytes and subsequent embryo development. Theriogenology, 2018, 114, 191-198.	0.9	33
5	The HDAC Inhibitor LAQ824 Enhances Epigenetic Reprogramming and In Vitro Development of Porcine SCNT Embryos. Cellular Physiology and Biochemistry, 2017, 41, 1255-1266.	1.1	25
6	Stimulatory Effects of Melatonin on Porcine In Vitro Maturation Are Mediated by MT2 Receptor. International Journal of Molecular Sciences, 2018, 19, 1581.	1.8	23
7	Failure to maintain full-term pregnancies in pig carrying klotho monoallelic knockout fetuses. BMC Biotechnology, 2021, 21, 1.	1.7	23
8	Generation of CMAHKO/GTKO/shTNFRI-Fc/HO-1 quadruple gene modified pigs. Transgenic Research, 2017, 26, 435-445.	1.3	22
9	Sonic hedgehog signaling mediates resveratrol to improve maturation of pig oocytes in vitro and subsequent preimplantation embryo development. Journal of Cellular Physiology, 2018, 233, 5023-5033.	2.0	20
10	Lanosterol influences cytoplasmic maturation of pig oocytes inÂvitro and improves preimplantation development of cloned embryos. Theriogenology, 2016, 85, 575-584.	0.9	19
11	A potential role of knockout serum replacement as a porcine follicular fluid substitute for in vitro maturation: Lipid metabolism approach. Journal of Cellular Physiology, 2018, 233, 6984-6995.	2.0	17
12	PXD101 significantly improves nuclear reprogramming and the in vitro developmental competence of porcine SCNT embryos. Biochemical and Biophysical Research Communications, 2015, 456, 156-161.	1.0	15
13	Significant improvement of pig cloning efficiency by treatment with LBH589 after somatic cell nuclear transfer. Theriogenology, 2013, 80, 630-635.	0.9	13
14	Tannin Supplementation Improves Oocyte Cytoplasmic Maturation and Subsequent Embryo Development in Pigs. Antioxidants, 2021, 10, 1594.	2.2	12
15	The length of guide RNA and target DNA heteroduplex effects on CRISPR/Cas9 mediated genome editing efficiency in porcine cells. Journal of Veterinary Science, 2019, 20, e23.	0.5	11
16	CUDC-101, a histone deacetylase inhibitor, improves the inÂvitro and inÂvivo developmental competence of somatic cell nuclear transfer pig embryos. Theriogenology, 2014, 81, 572-578.	0.9	10
17	Effect of Demecolcine-Assisted Enucleation on the MPF Level and Cyclin B1 Distribution in Porcine Oocytes. PLoS ONE, 2014, 9, e91483.	1.1	10
18	Derivation of endothelial cells from porcine induced pluripotent stem cells by optimized single layer culture system. Journal of Veterinary Science, 2020, 21, e9.	0.5	10

#	Article	IF	Citations
19	A novel chemically defined serumâ€•and feederâ€free medium for undifferentiated growth of porcine pluripotent stem cells. Journal of Cellular Physiology, 2019, 234, 15380-15394.	2.0	9
20	Enhancement of epigenetic reprogramming status of porcine cloned embryos with zebularine, a DNA methyltransferase inhibitor. Molecular Reproduction and Development, 2019, 86, 1013-1022.	1.0	8
21	Improved early development of porcine cloned embryos by treatment with quisinostat, a potent histone deacetylase inhibitor. Journal of Reproduction and Development, 2019, 65, 103-112.	0.5	7
22	Melatonin Regulates Lipid Metabolism in Porcine Cumulusâ€“Oocyte Complexes via the Melatonin Receptor 2. Antioxidants, 2022, 11, 687.	2.2	6
23	Effects of manganese on maturation of porcine oocytes <i>in vitro</i> and their subsequent embryo development after parthenogenetic activation and somatic cell nuclear transfer. Journal of Reproduction and Development, 2019, 65, 259-265.	0.5	5
24	Production of rhesus monkey cloned embryos expressing monomeric red fluorescent protein by interspecies somatic cell nuclear transfer. Biochemical and Biophysical Research Communications, 2014, 444, 638-643.	1.0	1
25	Postneonatal Mortality and Liver Changes in Cloned Pigs Associated with Human Tumor Necrosis Factor Receptor I-Fc and Human Heme Oxygenase-1 Overexpression. BioMed Research International, 2017, 2017, 1-10.	0.9	1
26	Mineralized deposits in the uterus of a pig without pregnancy loss. Journal of Veterinary Science, 2017, 18, 563.	0.5	0
27	Establishment and identification of cell lines from type O blood Korean native pigs and their efficiency in supporting embryonic development via somatic cell nuclear transfer. Journal of Veterinary Science, 2018, 19, 492.	0.5	0
28	Umbilical Hernia and Repair in a Transgenic Male Cloned Pig. Journal of Veterinary Clinics, 2018, 35, 226-228.	0.2	0