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 Cumulusâ€“Oocyte Complexes via the Melatonin Receptor 2. Antioxidants, 2022, 11, 687.	2.2	6
2	Failure to maintain full-term pregnancies in pig carrying klotho monoallelic knockout fetuses. BMC Biotechnology, 2021, 21, 1.	1.7	23
3	Tannin Supplementation Improves Oocyte Cytoplasmic Maturation and Subsequent Embryo Development in Pigs. Antioxidants, 2021, 10, 1594.	2.2	12
4	Lineage specification and pluripotency revealed by transcriptome analysis from oocyte to blastocyst in pig. FASEB Journal, 2020, 34, 691-705.	0.2	46
5	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
6	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
7	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
8	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
9	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
10	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
11	Synergistic effects of resveratrol and melatonin on inÂvitro maturation of porcine oocytes and subsequent embryo development. Theriogenology, 2018, 114, 191-198.	0.9	33
12	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
13	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
14	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
15	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
16	Umbilical Hernia and Repair in a Transgenic Male Cloned Pig. Journal of Veterinary Clinics, 2018, 35, 226-228.	0.2	0
17	Melatonin regulates lipid metabolism in porcine oocytes. Journal of Pineal Research, 2017, 62, e12388.	3.4	106
18	Melatonin influences the sonic hedgehog signaling pathway in porcine cumulus oocyte complexes. Journal of Pineal Research, 2017, 63, e12424.	3.4	38

#	Article	IF	Citations
19	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
20	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
21	Generation of CMAHKO/GTKO/shTNFRI-Fc/HO-1 quadruple gene modified pigs. Transgenic Research, 2017, 26, 435-445.	1.3	22
22	Mineralized deposits in the uterus of a pig without pregnancy loss. Journal of Veterinary Science, 2017, 18, 563.	0.5	0
23	Lanosterol influences cytoplasmic maturation of pig oocytes inÂvitro and improves preimplantation development of cloned embryos. Theriogenology, 2016, 85, 575-584.	0.9	19
24	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
25	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
26	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
27	Effect of Demecolcine-Assisted Enucleation on the MPF Level and Cyclin B1 Distribution in Porcine Oocytes. PLoS ONE, 2014, 9, e91483.	1.1	10
28	Significant improvement of pig cloning efficiency by treatment with LBH589 after somatic cell nuclear transfer. Theriogenology, 2013, 80, 630-635.	0.9	13