Sanghoon Lee

List of Publications by Year
in descending order

43 papers	618 citations	566801 15 h-index	642321 23 g-index
44 all docs	44 docs citations	44 times ranked	714 citing authors

#	Article	IF	Citations
1	Oviduct epithelial cellsâ€derived extracellular vesicles improve preimplantation developmental competence of in vitro produced porcine parthenogenetic and cloned embryos. Molecular Reproduction and Development, 2022, 89, 54-65.	1.0	14
2	Melatonin Regulates Lipid Metabolism in Porcine Cumulusâ€“Oocyte Complexes via the Melatonin Receptor 2. Antioxidants, 2022, 11, 687.	2.2	6
3	The theranostic roles of extracellular vesicles in pregnancy disorders. Journal of Animal Reproduciton and Biotechnology, 2022, 37, 2-12.	0.3	4
4	MiRNA-155 inhibition enhances porcine embryo preimplantation developmental competence by upregulating ZEB2 and downregulating ATF4. Theriogenology, 2022, 183, 90-97.	0.9	4
5	Vitamin C enhances porcine cloned embryo development and improves the derivation of embryonic stem-like cells. Reproductive Biology, 2022, 22, 100632.	0.9	6
6	Heat stress impairs oocyte maturation through ceramide-mediated apoptosis in pigs. Science of the Total Environment, 2021, 755, 144144.	3.9	9
7	Failure to maintain full-term pregnancies in pig carrying klotho monoallelic knockout fetuses. BMC Biotechnology, 2021, 21, 1.	1.7	23
8	Lycopene Improves In Vitro Development of Porcine Embryos by Reducing Oxidative Stress and Apoptosis. Antioxidants, 2021, 10, 230.	2.2	15
9	Induction of autophagy protects against extreme hypoxia-induced damage in porcine embryo. Reproduction, 2021, 161, 353-363.	1.1	3
10	Luteolin Orchestrates Porcine Oocyte Meiotic Progression by Maintaining Organelle Dynamics Under Oxidative Stress. Frontiers in Cell and Developmental Biology, 2021, 9, 689826.	1.8	12
11	Tannin Supplementation Improves Oocyte Cytoplasmic Maturation and Subsequent Embryo Development in Pigs. Antioxidants, 2021, 10, 1594.	2.2	12
12	Combined Chaetocin/Trichostatin A Treatment Improves the Epigenetic Modification and Developmental Competence of Porcine Somatic Cell Nuclear Transfer Embryos. Frontiers in Cell and Developmental Biology, 2021, 9, 709574.	1.8	7
13	The role of sonic hedgehog signaling pathway in <i>in vitro</i> oocyte maturation. Journal of Animal Reproduciton and Biotechnology, 2021, 36, 183-188.	0.3	1
14	Chaetocin Improves Pig Cloning Efficiency by Enhancing Epigenetic Reprogramming and Autophagic Activity. International Journal of Molecular Sciences, 2020, 21, 4836.	1.8	21
15	Effect of Triclosan Exposure on Developmental Competence in Parthenogenetic Porcine Embryo during Preimplantation. International Journal of Molecular Sciences, 2020, 21, 5790.	1.8	8
16	Butylparaben Is Toxic to Porcine Oocyte Maturation and Subsequent Embryonic Development Following In Vitro Fertilization. International Journal of Molecular Sciences, 2020, 21, 3692.	1.8	21
17	Effect of Oocyte Quality Assessed by Brilliant Cresyl Blue (BCB) Staining on Cumulus Cell Expansion and Sonic Hedgehog Signaling in Porcine during In Vitro Maturation. International Journal of Molecular Sciences, 2020, 21, 4423.	1.8	12
18	Real-time PCR quantification of spliced X-box binding protein 1 (XBP1) using a universal primer method. PLoS ONE, 2019, 14, e0219978.	1.1	38

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19	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
20	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
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	Generation by somatic cell nuclear transfer of GGTA1 knockout pigs expressing soluble human TNFRI-Fc and human HO-1. Transgenic Research, 2019, 28, 91-102.	1.3	12
23	Comparative Evaluation of Hormones and Hormone-Like Molecule in Lineage Specification of Human Induced Pluripotent Stem Cells. International Journal of Stem Cells, 2019, 12, 240-250.	0.8	4
24	Embryo aggregation regulates <i>in vitro</i> stress conditions to promote developmental competence in pigs. PeerJ, 2019, 7, e8143.	0.9	5
25	Transient meiotic arrest maintained by DON (6-diazo-5-oxo-l-norleucine) enhances nuclear/cytoplasmic maturation of porcine oocytes. Reproduction, 2019, 158, 543-554.	1.1	3
26	Synergistic effects of resveratrol and melatonin on inÂvitro maturation of porcine oocytes and subsequent embryo development. Theriogenology, 2018, 114, 191-198.	0.9	33
27	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
28	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
29	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
30	Suberoylanilide hydroxamic acid during <i>in vitro</i> culture improves development of dog-pig interspecies cloned embryos but not dog cloned embryos. Journal of Reproduction and Development, 2018, 64, 277-282.	0.5	4
31	Umbilical Hernia and Repair in a Transgenic Male Cloned Pig. Journal of Veterinary Clinics, 2018, 35, 226-228.	0.2	0
32	Melatonin regulates lipid metabolism in porcine oocytes. Journal of Pineal Research, 2017, 62, e12388.	3.4	106
33	Melatonin influences the sonic hedgehog signaling pathway in porcine cumulus oocyte complexes. Journal of Pineal Research, 2017, 63, e12424.	3.4	38
34	Establishment of Transgenic Porcine Fibroblasts Expressing a Human klotho Gene and Its Effects on Gene Expression and Preimplantation Development of Cloned Embryos. DNA and Cell Biology, 2017, 36, 42-49.	0.9	6
35	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
36	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

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37	Generation of CMAHKO/GTKO/shTNFRI-Fc/HO-1 quadruple gene modified pigs. Transgenic Research, 2017, 26, 435-445.	1.3	22
38	Mineralized deposits in the uterus of a pig without pregnancy loss. Journal of Veterinary Science, 2017, 18, 563.	0.5	0
39	Lanosterol influences cytoplasmic maturation of pig oocytes inÂvitro and improves preimplantation development of cloned embryos. Theriogenology, 2016, 85, 575-584.	0.9	19
40	Production of homozygous klotho knockout porcine embryos cloned from genome-edited porcine fibroblasts. Journal of Animal Reproduciton and Biotechnology, 2016, 31, 179-183.	0.3	0
41	Sequential treatment with resveratrol-trolox improves development of porcine embryos derived from parthenogenetic activation and somatic cell nuclear transfer. Theriogenology, 2015, 84, 145-154.	0.9	26
42	Arthroscopy for the Diagnosis and Treatment of Failed Trochleoplasty in a Dog. Journal of Veterinary Clinics, 2015, 32, 251-254.	0.2	9
43	Toxicity evaluation of ethanol treatment during in vitro maturation of porcine oocytes and subsequent embryonic development following parthenogenetic activation and in vitro fertilization. International Journal of Molecular Medicine, 2014, 34, 1372-1380.	1.8	9