Georgia Pennarossa

List of Publications by Year
in descending order

64	964	393982	454577
papers	citations	19	30
		h-index	g-index

70	70	70	1234
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brief demethylation step allows the conversion of adult human skin fibroblasts into insulin-secreting cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8948-8953.	3.3	119
2	Culture Conditions and Signalling Networks Promoting the Establishment of Cell Lines from Parthenogenetic and Biparental Pig Embryos. Stem Cell Reviews and Reports, 2010, 6, 484-495.	5.6	59
3	Large animal models for cardiac stem cell therapies. Theriogenology, 2011, 75, 1416-1425.	0.9	48
4	Recent Progress in Embryonic Stem Cell Research and Its Application in Domestic Species. Reproduction in Domestic Animals, 2008, 43, 193-199.	0.6	42
5	Characterization of the Constitutive Pig Ovary Heat Shock Chaperone Machinery and Its Response to Acute Thermal Stress or to Seasonal Variations1. Biology of Reproduction, 2012, 87, 119.	1.2	42
6	Morphological and Molecular Changes of Human Granulosa Cells Exposed to 5-Azacytidine and Addressed Toward Muscular Differentiation. Stem Cell Reviews and Reports, 2014, 10, 633-642.	5.6	41
7	Cell Lines Derived from Human Parthenogenetic Embryos Can Display Aberrant Centriole Distribution and Altered Expression Levels of Mitotic Spindle Check-point Transcripts. Stem Cell Reviews and Reports, 2009, 5, 340-352.	5.6	40
8	No shortcuts to pig embryonic stem cells. Theriogenology, 2010, 74, 544-550.	0.9	39
9	Reprogramming of Pig Dermal Fibroblast into Insulin Secreting Cells by a Brief Exposure to 5-aza-cytidine. Stem Cell Reviews and Reports, 2014, 10, 31-43.	5.6	39
10	Why is it so Difficult to Derive Pluripotent Stem Cells in Domestic Ungulates?. Reproduction in Domestic Animals, 2012, 47, 11-17.	0.6	35
11	Beneficial effect of directional freezing on in vitro viability of cryopreserved sheep whole ovaries and ovarian cortical slices. Human Reproduction, 2014, 29, 114-124.	0.4	34
12	Epigenetic Erasing and Pancreatic Differentiation of Dermal Fibroblasts into Insulin-Producing Cells are Boosted by the Use of Low-Stiffness Substrate. Stem Cell Reviews and Reports, 2018, 14, 398-411.	5.6	32
13	Chronic mastitis is associated with altered ovarian follicle development in dairy cattle. Journal of Dairy Science, 2012, 95, 1885-1893.	1.4	31
14	Current Advances in 3D Tissue and Organ Reconstruction. International Journal of Molecular Sciences, 2021, 22, 830.	1.8	30
15	5-azacytidine affects TET2 and histone transcription and reshapes morphology of human skin fibroblasts. Scientific Reports, 2016, 6, 37017.	1.6	29
16	Pluripotency Network in Porcine Embryos and Derived Cell Lines. Reproduction in Domestic Animals, 2012, 47, 86-91.	0.6	27
17	Centrosome Amplification and Chromosomal Instability in Human and Animal Parthenogenetic Cell Lines. Stem Cell Reviews and Reports, 2012, 8, 1076-1087.	5.6	25
18	Whole-ovary decellularization generates an effective 3D bioscaffold for ovarian bioengineering. Journal of Assisted Reproduction and Genetics, 2020, 37, 1329-1339.	1.2	25

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19	Parthenogenesis as an Approach to Pluripotency: Advantages and Limitations Involved. Stem Cell Reviews and Reports, 2008, 4, 127-135.	5.6	21
20	Direct comparative analysis of conventional and directional freezing for the cryopreservation of whole ovaries. Fertility and Sterility, 2013, 100, 1122-1131.	0.5	19
21	Parthenogenesis in non-rodent species: developmental competence and differentiation plasticity. Theriogenology, 2012, 77, 766-772.	0.9	18
22	Use of a PTFE Micro-Bioreactor to Promote 3D Cell Rearrangement and Maintain High Plasticity in Epigenetically Erased Fibroblasts. Stem Cell Reviews and Reports, 2019, 15, 82-92.	5.6	17
23	Creation of a Bioengineered Ovary: Isolation of Female Germline Stem Cells for the Repopulation of a Decellularized Ovarian Bioscaffold. Methods in Molecular Biology, 2021, 2273, 139-149.	0.4	16
24	Ovarian Decellularized Bioscaffolds Provide an Optimal Microenvironment for Cell Growth and Differentiation In Vitro. Cells, 2021, 10, 2126.	1.8	15
25	Impact of Aging on the Ovarian Extracellular Matrix and Derived 3D Scaffolds. Nanomaterials, 2022, 12, 345.	1.9	15
26	Expression and intracytoplasmic distribution of staufen and calreticulin in maturing human oocytes. Journal of Assisted Reproduction and Genetics, 2015, 32, 645-652.	1.2	11
27	Phenotype switching through epigenetic conversion. Reproduction, Fertility and Development, 2015, 27, 776.	0.1	10
28	A 3D approach to reproduction. Theriogenology, 2020, 150, 2-7.	0.9	8
29	â€œBiomechanical Signaling in Oocytes and Parthenogenetic Cellsâ€• Frontiers in Cell and Developmental Biology, 2021, 9, 646945.	1.8	8
30	Parthenogenetic Cell Lines: An Unstable Equilibrium Between Pluripotency and Malignant Transformation. Current Pharmaceutical Biotechnology, 2011, 12, 206-212.	0.9	7
31	Epigenetic Conversion as a Safe and Simple Method to Obtain Insulin-secreting Cells from Adult Skin Fibroblasts. Journal of Visualized Experiments, 2016, , .	0.2	7
32	Extended ex vivo culture of fresh and cryopreserved whole sheep ovaries. Reproduction, Fertility and Development, 2016, 28, 1893.	0.1	6
33	Erase and Rewind: Epigenetic Conversion of Cell Fate. Stem Cell Reviews and Reports, 2016, 12, 163-170.	5.6	5
34	Safety and Efficacy of Epigenetically Converted Human Fibroblasts Into Insulin-Secreting Cells: A Preclinical Study. Advances in Experimental Medicine and Biology, 2018, 1079, 151-162.	0.8	5
35	A Two-Step Strategy that Combines Epigenetic Modification and Biomechanical Cues to Generate Mammalian Pluripotent Cells. Journal of Visualized Experiments, 2020, , .	0.2	5
36	Isolation, Characterization and Differentiation Potential of Cardiac Progenitor Cells in Adult Pigs. Stem Cell Reviews and Reports, 2012, 8, 706-719.	5.6	4

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37	Intercellular bridges are essential for human parthenogenetic cell survival. Mechanisms of Development, 2015, 136, 30-39.	1.7	4
38	Rho Signaling-Directed YAP/TAZ Regulation Encourages 3D Spheroid Colony Formation and Boosts Plasticity of Parthenogenetic Stem Cells. Advances in Experimental Medicine and Biology, 2019, 1237, 49-60.	0.8	3
39	Generation of Trophoblast-Like Cells From Hypomethylated Porcine Adult Dermal Fibroblasts. Frontiers in Veterinary Science, 2021, 8, 706106.	0.9	3
40	New tools for cell reprogramming and conversion: Possible applications to livestock. Animal Reproduction, 2019, 16, 475-484.	0.4	3
41	Research with parthenogenetic stem cells will help decide whether a safer clinical use is possible. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 325-331.	1.3	2
42	Use of Virus-Mimicking Nanoparticles to Investigate Early Infection Events in Upper Airway 3D Models. Methods in Molecular Biology, 2021, 2273, 131-138.	0.4	2
43	Tracheal In Vitro Reconstruction Using a Decellularized Bio-Scaffold in Combination with a Rotating Bioreactor. Methods in Molecular Biology, 2021, , 157-165.	0.4	2
44	Newborn pig ovarian tissue xenografted into Severe Combined Immunodeficient (SCID) mice acquires limited responsiveness to gonadotropins. Theriogenology, 2010, 74, 557-562.	0.9	1
45	Parthenogenesis in mammals: pros and cons in pluripotent cell derivation. Open Life Sciences, 2011, 6, 770-775.	0.6	1
46	Immune Intervention for Type 1 Diabetes, 2012â€“2013. Diabetes Technology and Therapeutics, 2014, 16, S-85-S-91.	2.4	1
47	170 EXPRESSION PATTERN OF THE Sox2 GENE IN BOVINE OOCYTES AND IN VITRO-DERIVED EMBRYOS. Reproduction, Fertility and Development, 2008, 20, 165.	0.1	1
48	194 EPIGENETIC REMODELING OF ADULT SOMATIC CELLS. Reproduction, Fertility and Development, 2014, 26, 211.	0.1	1
49	Assessment of cellular damage in sheep ovaries subjected to different freezing methods. Annals of Anatomy, 2014, 196, 254-255.	1.0	0
50	Using Decellularization/Recellularization Processes to Prepare Liver and Cardiac Engineered Tissues. Methods in Molecular Biology, 2021, 2273, 111-129.	0.4	0
51	278 DIRECTED NEURONAL DIFFERENTIATION OF PLURIPOTENT CELL LINES DERIVED FROM PIG PARTHENOGENETIC EMBRYOS. Reproduction, Fertility and Development, 2008, 20, 219.	0.1	0
52	104. PROLIFERATION ABILITY, TELOMERASE ACTIVITY AND MOLECULAR CHARACTERIZATION OF PLURIPOTENT CELL LINES FROM IVF AND PARTHENOGENTIC PIG EMBRYOS. Reproduction, Fertility and Development, 2009, 21, 23.	0.1	0
53	272 LEUKEMIA INHIBITORY FACTOR SIGNALING PATHWAY IN PIG PARTHENOGENETIC PLURIPOTENT CELLS. Reproduction, Fertility and Development, 2009, 21, 233.	0.1	0
54	275 DERIVATION OF PLURIPOTENT CELL LINES FROM PIG EMBRYOS: IN VITRO-FERTILIZED V. PARTHENOGENTIC ACTIVATION. Reproduction, Fertility and Development, 2009, 21, 235.	0.1	0

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55	324 CELL LINES DERIVED FROM MAMMALIAN PARTHENOGENETIC EMBRYOS DISPLAY ABNORMAL CHROMOSOME COMPLEMENTS AND ABERRANT CENTRIOLE NUMBER. Reproduction, Fertility and Development, 2010, 22, 318.	0.1	0
56	170 NATURALLY OCCURRING CHRONIC MASTITIS COMPROMISES FOLLICULOGENESIS, AFFECTS VASCULARIZATION, AND INTERACTS WITH DIFFERENTIATION FACTOR GDF-9 IN BOVINE OVARIAN STROMA. Reproduction, Fertility and Development, 2011, 23, 187.	0.1	0
57	4 IDENTIFICATION AND FUNCTIONAL CHARACTERIZATION OF HEAT SHOCK PROTEIN 40 IN PIG OVARY. Reproduction, Fertility and Development, 2011, 23, 108.	0.1	0
58	5 PARTHENOGENETIC EMBRYONIC STEM CELLS ARE CONNECTED BY FUNCTIONAL INTERCELLULAR BRIDGES. Reproduction, Fertility and Development, 2012, 24, 114.	0.1	0
59	Gametogenesis. SpringerBriefs in Stem Cells, 2013, , 1-25.	0.1	0
60	302 IDENTIFICATION OF 3i TARGET MOLECULES AND THEIR INVOLVEMENT IN PORCINE PLURIPOTENCY NETWORKS. Reproduction, Fertility and Development, 2013, 25, 298.	0.1	0
61	58 MULTI-THERMAL GRADIENT FREEZING ALLOWS THE CRYOPRESERVATION OF SHEEP WHOLE OVARIES WITH THE SAME EFFICIENCY OF OVARIAN FRAGMENTS. Reproduction, Fertility and Development, 2013, 25, 176.	0.1	0
62	68 WHOLE-OVARY CRYOPRESERVATION: A DIRECT COMPARISON OF CONVENTIONAL AND DIRECTIONAL FREEZING. Reproduction, Fertility and Development, 2013, 25, 181.	0.1	0
63	64 EX VIVO CULTURE OF FRESH AND FROZEN - THAWED SHEEP WHOLE OVARIES. Reproduction, Fertility and Development, 2014, 26, 146.	0.1	0
64	188 DEVELOPMENT OF AN EFFECTIVE WHOLE-OVARY PERFUSION SYSTEM. Reproduction, Fertility and Development, 2015, 27, 185.	0.1	0