Li-Ying Sung

List of Publications by Year
in descending order

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52	1,502	377584 21	371746 37
papers	citations	h-index	g-index

53	53	53	1728
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cruciform DNA Structures Act as Legible Templates for Accelerating Homologous Recombination in Transgenic Animals. International Journal of Molecular Sciences, 2022, 23, 3973.	1.8	0
2	Effects of Recloning on the Telomere Lengths of Mouse Terc^{+/â^'} Nuclear Transfer-Derived Embryonic Stem Cells. Stem Cells and Development, 2022, 31, 720-729.	1.1	1
3	Molecular crowding facilitates bundling of IMPDH polymers and cytoophidium formation. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	14
4	STAT3 Is an Upstream Regulator of Granzyme G in the Maternal-To-Zygotic Transition of Mouse Embryos. International Journal of Molecular Sciences, 2021, 22, 460.	1.8	5
5	Effects of Survival Motor Neuron Protein on Germ Cell Development in Mouse and Human. International Journal of Molecular Sciences, 2021, 22, 661.	1.8	0
6	CTPS and IMPDH form cytoophidia in developmental thymocytes. Experimental Cell Research, 2021, 405, 112662.	1.2	18
7	CTPS forms the cytoophidium in zebrafish. Experimental Cell Research, 2021, 405, 112684.	1.2	14
8	IMPDH forms the cytoophidium in zebrafish. Developmental Biology, 2021, 478, 89-101.	0.9	7
9	SNAP29 mediates the assembly of histidine-induced CTP synthase filaments in proximity to the cytokeratin network. Journal of Cell Science, 2020, 133, .	1.2	6
10	Survival Motor Neuron Protein Participates in Mouse Germ Cell Development and Spermatogonium Maintenance. International Journal of Molecular Sciences, 2020, 21, 794.	1.8	7
11	Compromised Chondrocyte Differentiation Capacity in TERC Knockout Mouse Embryonic Stem Cells Derived by Somatic Cell Nuclear Transfer. International Journal of Molecular Sciences, 2019, 20, 1236.	1.8	6
12	Histidine-Dependent Protein Methylation Is Required for Compartmentalization of CTP Synthase. Cell Reports, 2018, 24, 2733-2745.e7.	2.9	36
13	IMP/GTP balance modulates cytoophidium assembly and IMPDH activity. Cell Division, 2018, 13, 5.	1.1	62
14	Interfilament interaction between <scp>IMPDH</scp> and <scp>CTPS</scp> cytoophidia. FEBS Journal, 2018, 285, 3753-3768.	2.2	51
15	BMP8A sustains spermatogenesis by activating both SMAD1/5/8 and SMAD2/3 in spermatogonia. Science Signaling, 2017, 10, .	1.6	39
16	CTP synthase forms the cytoophidium in human hepatocellular carcinoma. Experimental Cell Research, 2017, 361, 292-299.	1.2	60
17	Production of Live Offspring from Vitrified-Warmed Oocytes Collected at Metaphase I Stage. PLoS ONE, 2016, 11, e0157785.	1.1	1
18	Derivation of Patient Specific Pluripotent Stem Cells Using Clinically Discarded Cumulus Cells. PLoS ONE, 2016, 11, e0165715.	1.1	2

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19	Paracrine regulation of matrix metalloproteinases contributes to cancer cell invasion by hepatocellular carcinoma-secreted 14-3-3Ïƒ. Oncotarget, 2016, 7, 36988-36999.	0.8	14
20	Dnmt3l-knockout donor cells improve somatic cell nuclear transfer reprogramming efficiency. Reproduction, 2015, 150, 245-256.	1.1	14
21	Cytoophidium assembly reflects upregulation of IMPDH activity. Journal of Cell Science, 2015, 128, 3550-5.	1.2	69
22	Rho-associated kinase inhibitors promote the cardiac differentiation of embryonic and induced pluripotent stem cells. International Journal of Cardiology, 2015, 201, 441-448.	0.8	12
23	SMN is required for the maintenance of embryonic stem cells and neuronal differentiation in mice. Brain Structure and Function, 2015, 220, 1539-1553.	1.2	14
24	Nucleotide synthesis is regulated by cytoophidium formation during neurodevelopment and adaptive metabolism. Biology Open, 2014, 3, 1045-1056.	0.6	80
25	Telomere Elongation and Naive Pluripotent Stem Cells Achieved from Telomerase Haplo-Insufficient Cells by Somatic Cell Nuclear Transfer. Cell Reports, 2014, 9, 1603-1609.	2.9	14
26	14-3-3Ïƒ induces heat shock protein 70 expression in hepatocellular carcinoma. BMC Cancer, 2014, 14, 425.	1.1	30
27	CTP synthase forms cytoophidia in the cytoplasm and nucleus. Experimental Cell Research, 2014, 323, 242-253.	1.2	74
28	Spatial and temporal distribution of Oct-4 and acetylated H4K5 in rabbit embryos. Reproductive BioMedicine Online, 2012, 24, 433-442.	1.1	19
29	Dynamic profiles of Oct-4, Cdx-2 and acetylated H4K5 in in-vivo-derived rabbit embryos. Reproductive BioMedicine Online, 2012, 25, 358-370.	1.1	14
30	14-3-3Ïƒ Regulates Î²-Catenin-Mediated Mouse Embryonic Stem Cell Proliferation by Sequestering GSK-3Î². PLoS ONE, 2012, 7, e40193.	1.1	21
31	An Opposite Effect of the CDK Inhibitor, p18INK4c on Embryonic Stem Cells Compared with Tumor and Adult Stem Cells. PLoS ONE, 2012, 7, e45212.	1.1	10
32	14â€3â€3Â£m induces HSFâ€1 and HSP70 expression via a GSKâ€3Â£]/Â£]â€cateninâ€dependent mechanism in hepatocellular carcinoma. FASEB Journal, 2012, 26, lb169.	0.2	0
33	Impact of phase transition on the mouse oocyte spindle during vitrification. Reproductive BioMedicine Online, 2011, 22, 184-191.	1.1	25
34	Follicular Oocytes Better Support Development in Rabbit Cloning Than Oviductal Oocytes. Cellular Reprogramming, 2011, 13, 503-512.	0.5	4
35	Rapid Elimination of the Histone Variant MacroH2A from Somatic Cell Heterochromatin after Nuclear Transfer. Cellular Reprogramming, 2010, 12, 43-53.	0.5	44
36	Efficient Derivation of Embryonic Stem Cells from Nuclear Transfer and Parthenogenetic Embryos Derived from Cryopreserved Oocytes. Cellular Reprogramming, 2010, 12, 203-211.	0.5	18

#	Article	IF	Citations
37	The oocyte spindle is preserved by 1,2-propanediol during slow freezing. Fertility and Sterility, 2010, 93, 1430-1439.	0.5	9
38	Nuclear Transfer Embryonic Stem Cells Provide anIn VitroCulture Model for Parkinson's Disease. Cloning and Stem Cells, 2009, 11, 77-88.	2.6	10
39	Beneficial Effect of Young Oocytes for Rabbit Somatic Cell Nuclear Transfer. Cloning and Stem Cells, 2009, 11, 131-140.	2.6	24
40	Nuclear transfer and oocyte cryopreservation. Reproduction, Fertility and Development, 2009, 21, 37.	0.1	6
41	Gene expression profiling of single bovine embryos uncovers significant effects of in vitro maturation, fertilization and culture. Molecular Reproduction and Development, 2009, 76, 38-47.	1.0	66
42	Premature Chromosome Condensation Is Not Essential for Nuclear Reprogramming in Bovine Somatic Cell Nuclear Transfer1. Biology of Reproduction, 2007, 76, 232-240.	1.2	32
43	Reply to â€œOn the cloning of animals from terminally differentiated cellsâ€• Nature Genetics, 2007, 39, 137-138.	9.4	3
44	The cell agglutination agent, phytohemagglutinin-L, improves the efficiency of somatic nuclear transfer cloning in cattle (Bos taurus). Theriogenology, 2006, 65, 642-657.	0.9	24
45	Differentiated cells are more efficient than adult stem cells for cloning by somatic cell nuclear transfer. Nature Genetics, 2006, 38, 1323-1328.	9.4	107
46	Generation and Characterization of Pluripotent Stem Cells from Cloned Bovine Embryos1. Biology of Reproduction, 2005, 73, 149-155.	1.2	121
47	Global gene expression profiles reveal significant nuclear reprogramming by the blastocyst stage after cloning. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17582-17587.	3.3	184
48	The differential requirement of albumin and sodium citrate on the development of in vitro produced bovine embryos. Reproduction, Nutrition, Development, 2004, 44, 551-564.	1.9	12
49	Differential development of rabbit embryos derived from parthenogenesis and nuclear transfer. Molecular Reproduction and Development, 2004, 68, 58-64.	1.0	19
50	Hypertonicity-Induced Projections Reflect Cell Polarity in Mouse Metaphase II Oocytes: Involvement of Microtubules, Microfilaments, and Chromosomes1. Biology of Reproduction, 2002, 67, 1853-1863.	1.2	11
51	Hypertonic Medium Treatment for Localization of Nuclear Material in Bovine Metaphase II Oocytes1. Biology of Reproduction, 2002, 66, 1342-1349.	1.2	22
52	Differential cytoplast requirement for embryonic and somatic cell nuclear transfer in cattle. Molecular Reproduction and Development, 2002, 63, 183-191.	1.0	47