

Shau-Ping Lin

List of Publications by Year in descending order

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docs citations

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5718
citing authors

#	ARTICLE	IF	CITATIONS
1	Decentralized Supply Chain Optimization via Swarm Intelligence. Lecture Notes in Computer Science, 2022, , 432-441.	1.0	0
2	Metaheuristic Optimization on Tensor-Type Solution via Swarm Intelligence and Its Application in the Profit Optimization in Designing Selling Scheme. Lecture Notes in Computer Science, 2021, , 72-82.	1.0	1
3	Transcriptome Analysis of Dnmt3l Knock-Out Mice Derived Multipotent Mesenchymal Stem/Stromal Cells During Osteogenic Differentiation. Frontiers in Cell and Developmental Biology, 2021, 9, 615098.	1.8	2
4	Investigation of Neuropathology after Nerve Release in Chronic Constriction Injury of Rat Sciatic Nerve. International Journal of Molecular Sciences, 2021, 22, 4746.	1.8	13
5	Timing Does Matter: Nerve-Mediated HDAC1 Paces the Temporal Expression of Morphogenic Genes During Axolotl Limb Regeneration. Frontiers in Cell and Developmental Biology, 2021, 9, 641987.	1.8	3
6	Variants in Maternal Effect Genes and Relaxed Imprinting Control in a Special Placental Mesenchymal Dysplasia Case with Mild Trophoblast Hyperplasia. Biomedicines, 2021, 9, 544.	1.4	4
7	More than causing (epi)genomic instability: emerging physiological implications of transposable element modulation. Journal of Biomedical Science, 2021, 28, 58.	2.6	12
8	Sodium phenylbutyrate inhibits Schwann cell inflammation via HDAC and NF- κ B to promote axonal regeneration and remyelination. Journal of Neuroinflammation, 2021, 18, 238.	3.1	7
9	Transient DNMT3L Expression Reinforces Chromatin Surveillance to Halt Senescence Progression in Mouse Embryonic Fibroblast. Frontiers in Cell and Developmental Biology, 2020, 8, 103.	1.8	12
10	Nerve-mediated expression of histone deacetylases regulates limb regeneration in axolotls. Developmental Biology, 2019, 449, 122-131.	0.9	9
11	In vitro culture and characterization of duck primordial germ cells. Poultry Science, 2019, 98, 1820-1832.	1.5	23
12	Analysis of experience-regulated transcriptome and imprintome during critical periods of mouse visual system development reveals spatiotemporal dynamics. Human Molecular Genetics, 2018, 27, 1039-1054.	1.4	17
13	DNA methylation assay using droplet-based DNA melting curve analysis. Lab on A Chip, 2018, 18, 514-521.	3.1	7
14	Epigenomic and single-cell profiling of human spermatogonial stem cells. Stem Cell Investigation, 2018, 5, 11-11.	1.3	2
15	Three-dimensional culture of chicken primordial germ cells (cPGCs) in defined media containing the functional polymer FP003. PLoS ONE, 2018, 13, e0200515.	1.1	13
16	Stage-dependent piRNAs in chicken implicated roles in modulating male germ cell development. BMC Genomics, 2018, 19, 425.	1.2	9
17	Dlk1-Dio3 locus-derived lncRNAs perpetuate postmitotic motor neuron cell fate and subtype identity. ELife, 2018, 7, .	2.8	43
18	Comparative global immune-related gene profiling of somatic cells, human pluripotent stem cells and their derivatives: implication for human lymphocyte proliferation. Experimental and Molecular Medicine, 2017, 49, e376-e376.	3.2	11

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19	Endothelial-derived extracellular matrix ameliorate the stemness deprivation during ex vivo expansion of mouse bone marrow-derived mesenchymal stem cells. PLoS ONE, 2017, 12, e0184111.	1.1	11
20	Isolation of THY1+ Undifferentiated Spermatogonia from Mouse Postnatal Testes Using Magnetic-activated Cell Sorting (MACS). Bio-protocol, 2016, 6, .	0.2	2
21	Loss of non-coding RNA expression from the DLK1-DIO3 imprinted locus correlates with reduced neural differentiation potential in human embryonic stem cell lines. Stem Cell Research and Therapy, 2015, 6, 1.	2.4	198
22	Emergence of differentially regulated pathways associated with the development of regional specificity in chicken skin. BMC Genomics, 2015, 16, 22.	1.2	15
23	Dnmt3l-knockout donor cells improve somatic cell nuclear transfer reprogramming efficiency. Reproduction, 2015, 150, 245-256.	1.1	14
24	Epigenetic factors in the regulation of prospermatogonia and spermatogonial stem cells. Reproduction, 2015, 150, R77-R91.	1.1	35
25	346 EXPRESSION OF IMPRINTED NONCODING RNA FROM THE DLK1-DIO3 LOCUS IN HUMAN EMBRYONIC STEM CELLS ADVANTAGES NEURAL LINEAGE DIFFERENTIATION. Reproduction, Fertility and Development, 2015, 27, 261.	0.1	0
26	DNMT3L promotes quiescence in postnatal spermatogonial progenitor cells. Development (Cambridge), 2014, 141, 2402-2413.	1.2	45
27	Cell-autonomous heparanase modulates self-renewal and migration in bone marrow-derived mesenchymal stem cells. Journal of Biomedical Science, 2014, 21, 21.	2.6	17
28	Ectopic DNMT3L Triggers Assembly of a Repressive Complex for Retroviral Silencing in Somatic Cells. Journal of Virology, 2014, 88, 10680-10695.	1.5	26
29	Involvement of the Serine Protease Inhibitor, SERPINE2, and the Urokinase Plasminogen Activator in Cumulus Expansion and Oocyte Maturation. PLoS ONE, 2013, 8, e74602.	1.1	25
30	Functions of DNA methyltransferase 3α-like in germ cells and beyond. Biology of the Cell, 2012, 104, 571-587.	0.7	26
31	Docosahexaenoic acid suppresses the expression of FoxO and its target genes. Journal of Nutritional Biochemistry, 2012, 23, 1609-1616.	1.9	43
32	Isolation and Characterization of Novel Murine Epiphysis Derived Mesenchymal Stem Cells. PLoS ONE, 2012, 7, e36085.	1.1	32
33	14-3-3β Regulates β2-Catenin-Mediated Mouse Embryonic Stem Cell Proliferation by Sequestering GSK-3β. PLoS ONE, 2012, 7, e40193.	1.1	21
34	Meiotic Competent Human Germ Cell-like Cells Derived from Human Embryonic Stem Cells Induced by BMP4/WNT3A Signaling and OCT4/EpCAM (Epithelial Cell Adhesion Molecule) Selection. Journal of Biological Chemistry, 2012, 287, 14389-14401.	1.6	36
35	Zinc Chloride for Odontogenesis of Dental Pulp Stem Cells via Metallothionein Up-regulation. Journal of Endodontics, 2011, 37, 211-216.	1.4	17
36	Evaluation of transdifferentiation from mesenchymal stem cells to neuron-like cells using microfluidic patterned co-culture system. Biomedical Microdevices, 2011, 13, 517-526.	1.4	13

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37	SERPINE2, a Serine Protease Inhibitor Extensively Expressed in Adult Male Mouse Reproductive Tissues, May Serve as a Murine Sperm Decapacitation Factor1. <i>Biology of Reproduction</i> , 2011, 84, 514-525.	1.2	54
38	Toward an ideal animal model to trace donor cell fates after stem cell therapy: Production of stably labeled multipotent mesenchymal stem cells from bone marrow of transgenic pigs harboring enhanced green fluorescence protein gene1. <i>Journal of Animal Science</i> , 2011, 89, 3460-3472.	0.2	98
39	The Regulation of Imprinting Instability in Human Pluripotent Stem Cells.. <i>Biology of Reproduction</i> , 2011, 85, 124-124.	1.2	0
40	Isolation of therapeutically functional mouse bone marrow mesenchymal stem cells within 3â€fh by an effective singleâ€step plasticâ€adherent method. <i>Cell Proliferation</i> , 2010, 43, 235-248.	2.4	28
41	The Parental Non-Equivalence of Imprinting Control Regions during Mammalian Development and Evolution. <i>PLoS Genetics</i> , 2010, 6, e1001214.	1.5	61
42	Hypoxic Culture Maintains Self-Renewal and Enhances Embryoid Body Formation of Human Embryonic Stem Cells. <i>Tissue Engineering - Part A</i> , 2010, 16, 2901-2913.	1.6	33
43	Spatiotemporal Expression of the Serine Protease Inhibitor SERPINE2 in the Mouse Uterus During the Estrous Cycle, Pregnancy, and Lactation Period.. <i>Biology of Reproduction</i> , 2010, 83, 368-368.	1.2	0
44	SERPINE2, a Serine Protease Inhibitor Extensively Expressed in Adult Male Mouse Reproductive Tissues, May Serve as a Murine Sperm Decapacitation Factor.. <i>Biology of Reproduction</i> , 2010, 83, 522-522.	1.2	0
45	Gene Dosage Effects of the Imprinted Delta-Like Homologue 1 (Dlk1/Pref1) in Development: Implications for the Evolution of Imprinting. <i>PLoS Genetics</i> , 2009, 5, e1000392.	1.5	88
46	Differential regulation of imprinting in the murine embryo and placenta by the Dlk1-Dio3 imprinting control region. <i>Development (Cambridge)</i> , 2007, 134, 417-426.	1.2	97
47	DNMT3L connects unmethylated lysine 4 of histone H3 to de novo methylation of DNA. <i>Nature</i> , 2007, 448, 714-717.	13.7	1,369
48	Regulation of Gene Activity and Repression: A Consideration of Unifying Themes. <i>Current Topics in Developmental Biology</i> , 2004, 60, 197-213.	1.0	14
49	Imprinted small RNA genes. <i>Biological Chemistry</i> , 2004, 385, 905-911.	1.2	25
50	A Large Imprinted microRNA Gene Cluster at the Mouse Dlk1-Gtl2 Domain. <i>Genome Research</i> , 2004, 14, 1741-1748.	2.4	476
51	Imprinted microRNA genes transcribed antisense to a reciprocally imprinted retrotransposon-like gene. <i>Nature Genetics</i> , 2003, 34, 261-262.	9.4	334
52	Asymmetric regulation of imprinting on the maternal and paternal chromosomes at the Dlk1-Gtl2 imprinted cluster on mouse chromosome 12. <i>Nature Genetics</i> , 2003, 35, 97-102.	9.4	438
53	Genomic imprintingâ€insights from studies in mice. <i>Seminars in Cell and Developmental Biology</i> , 2003, 14, 43-49.	2.3	27
54	Genomic Imprinting Contributes to Thyroid Hormone Metabolism in the Mouse Embryo. <i>Current Biology</i> , 2002, 12, 1221-1226.	1.8	121

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55	Identification of a novel platelet-derived growth factor-like gene, fallotein, in the human reproductive tract. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1492, 196-202.	2.4	20
56	LncRNA Meg3 Choreographs the Epigenetic Landscape of Postmitotic Motor Neuron Cell Fate and Subtype Identity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0