

Shau-Ping Lin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8819998/publications.pdf>

Version: 2024-02-01

56
papers

4,050
citations

279798

23
h-index

182427

51
g-index

61
all docs

61
docs citations

61
times ranked

5718
citing authors

#	ARTICLE	IF	CITATIONS
1	DNMT3L connects unmethylated lysine 4 of histone H3 to de novo methylation of DNA. <i>Nature</i> , 2007, 448, 714-717.	27.8	1,369
2	A Large Imprinted microRNA Gene Cluster at the Mouse Dlk1-Gtl2 Domain. <i>Genome Research</i> , 2004, 14, 1741-1748.	5.5	476
3	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.	21.4	438
4	Imprinted microRNA genes transcribed antisense to a reciprocally imprinted retrotransposon-like gene. <i>Nature Genetics</i> , 2003, 34, 261-262.	21.4	334
5	Loss of non-coding RNA expression from the DLK1-DIO3 imprinted locus correlates with reduced neural differentiation potential in human embryonic stem cell lines. <i>Stem Cell Research and Therapy</i> , 2015, 6, 1.	5.5	198
6	Genomic Imprinting Contributes to Thyroid Hormone Metabolism in the Mouse Embryo. <i>Current Biology</i> , 2002, 12, 1221-1226.	3.9	121
7	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.	0.5	98
8	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.	2.5	97
9	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.	3.5	88
10	The Parental Non-Equivalence of Imprinting Control Regions during Mammalian Development and Evolution. <i>PLoS Genetics</i> , 2010, 6, e1001214.	3.5	61
11	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.	2.7	54
12	DNMT3L promotes quiescence in postnatal spermatogonial progenitor cells. <i>Development (Cambridge)</i> , 2014, 141, 2402-2413.	2.5	45
13	Docosahexaenoic acid suppresses the expression of FoxO and its target genes. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1609-1616.	4.2	43
14	Dlk1-Dio3 locus-derived lncRNAs perpetuate postmitotic motor neuron cell fate and subtype identity. <i>ELife</i> , 2018, 7, .	6.0	43
15	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. <i>Journal of Biological Chemistry</i> , 2012, 287, 14389-14401.	3.4	36
16	Epigenetic factors in the regulation of prospermatogonia and spermatogonial stem cells. <i>Reproduction</i> , 2015, 150, R77-R91.	2.6	35
17	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.	3.1	33
18	Isolation and Characterization of Novel Murine Epiphysis Derived Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2012, 7, e36085.	2.5	32

#	ARTICLE	IF	CITATIONS
19	Isolation of therapeutically functional mouse bone marrow mesenchymal stem cells within 3h by an effective single-step plastic-adherent method. <i>Cell Proliferation</i> , 2010, 43, 235-248.	5.3	28
20	Genomic imprinting—insights from studies in mice. <i>Seminars in Cell and Developmental Biology</i> , 2003, 14, 43-49.	5.0	27
21	Functions of DNA methyltransferase 3like in germ cells and beyond. <i>Biology of the Cell</i> , 2012, 104, 571-587.	2.0	26
22	Ectopic DNMT3L Triggers Assembly of a Repressive Complex for Retroviral Silencing in Somatic Cells. <i>Journal of Virology</i> , 2014, 88, 10680-10695.	3.4	26
23	Imprinted small RNA genes. <i>Biological Chemistry</i> , 2004, 385, 905-911.	2.5	25
24	Involvement of the Serine Protease Inhibitor, SERPINE2, and the Urokinase Plasminogen Activator in Cumulus Expansion and Oocyte Maturation. <i>PLoS ONE</i> , 2013, 8, e74602.	2.5	25
25	In vitro culture and characterization of duck primordial germ cells. <i>Poultry Science</i> , 2019, 98, 1820-1832.	3.4	23
26	14-3-3f Regulates β -Catenin-Mediated Mouse Embryonic Stem Cell Proliferation by Sequestering GSK-3 β . <i>PLoS ONE</i> , 2012, 7, e40193.	2.5	21
27	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
28	Zinc Chloride for Odontogenesis of Dental Pulp Stem Cells via Metallothionein Up-regulation. <i>Journal of Endodontics</i> , 2011, 37, 211-216.	3.1	17
29	Cell-autonomous heparanase modulates self-renewal and migration in bone marrow-derived mesenchymal stem cells. <i>Journal of Biomedical Science</i> , 2014, 21, 21.	7.0	17
30	Analysis of experience-regulated transcriptome and imprintome during critical periods of mouse visual system development reveals spatiotemporal dynamics. <i>Human Molecular Genetics</i> , 2018, 27, 1039-1054.	2.9	17
31	Emergence of differentially regulated pathways associated with the development of regional specificity in chicken skin. <i>BMC Genomics</i> , 2015, 16, 22.	2.8	15
32	Regulation of Gene Activity and Repression: A Consideration of Unifying Themes. <i>Current Topics in Developmental Biology</i> , 2004, 60, 197-213.	2.2	14
33	Dnmt3l-knockout donor cells improve somatic cell nuclear transfer reprogramming efficiency. <i>Reproduction</i> , 2015, 150, 245-256.	2.6	14
34	Evaluation of transdifferentiation from mesenchymal stem cells to neuron-like cells using microfluidic patterned co-culture system. <i>Biomedical Microdevices</i> , 2011, 13, 517-526.	2.8	13
35	Three-dimensional culture of chicken primordial germ cells (cPGCs) in defined media containing the functional polymer FP003. <i>PLoS ONE</i> , 2018, 13, e0200515.	2.5	13
36	Investigation of Neuropathology after Nerve Release in Chronic Constriction Injury of Rat Sciatic Nerve. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4746.	4.1	13

#	ARTICLE	IF	CITATIONS
37	Transient DNMT3L Expression Reinforces Chromatin Surveillance to Halt Senescence Progression in Mouse Embryonic Fibroblast. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 103.	3.7	12
38	More than causing (epi)genomic instability: emerging physiological implications of transposable element modulation. <i>Journal of Biomedical Science</i> , 2021, 28, 58.	7.0	12
39	Comparative global immune-related gene profiling of somatic cells, human pluripotent stem cells and their derivatives: implication for human lymphocyte proliferation. <i>Experimental and Molecular Medicine</i> , 2017, 49, e376-e376.	7.7	11
40	Endothelial-derived extracellular matrix ameliorate the stemness deprivation during ex vivo expansion of mouse bone marrow-derived mesenchymal stem cells. <i>PLoS ONE</i> , 2017, 12, e0184111.	2.5	11
41	Stage-dependent piRNAs in chicken implicated roles in modulating male germ cell development. <i>BMC Genomics</i> , 2018, 19, 425.	2.8	9
42	Nerve-mediated expression of histone deacetylases regulates limb regeneration in axolotls. <i>Developmental Biology</i> , 2019, 449, 122-131.	2.0	9
43	DNA methylation assay using droplet-based DNA melting curve analysis. <i>Lab on A Chip</i> , 2018, 18, 514-521.	6.0	7
44	Sodium phenylbutyrate inhibits Schwann cell inflammation via HDAC and NF κ B to promote axonal regeneration and remyelination. <i>Journal of Neuroinflammation</i> , 2021, 18, 238.	7.2	7
45	Variants in Maternal Effect Genes and Relaxed Imprinting Control in a Special Placental Mesenchymal Dysplasia Case with Mild Trophoblast Hyperplasia. <i>Biomedicines</i> , 2021, 9, 544.	3.2	4
46	Timing Does Matter: Nerve-Mediated HDAC1 Paces the Temporal Expression of Morphogenic Genes During Axolotl Limb Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 641987.	3.7	3
47	Epigenomic and single-cell profiling of human spermatogonial stem cells. <i>Stem Cell Investigation</i> , 2018, 5, 11-11.	3.0	2
48	Transcriptome Analysis of Dnmt3l Knock-Out Mice Derived Multipotent Mesenchymal Stem/Stromal Cells During Osteogenic Differentiation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 615098.	3.7	2
49	Isolation of THY1+ Undifferentiated Spermatogonia from Mouse Postnatal Testes Using Magnetic-activated Cell Sorting (MACS). <i>Bio-protocol</i> , 2016, 6, .	0.4	2
50	Metaheuristic Optimization on Tensor-Type Solution via Swarm Intelligence and Its Application in the Profit Optimization in Designing Selling Scheme. <i>Lecture Notes in Computer Science</i> , 2021, , 72-82.	1.3	1
51	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.	2.7	0
52	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.	2.7	0
53	The Regulation of Imprinting Instability in Human Pluripotent Stem Cells.. <i>Biology of Reproduction</i> , 2011, 85, 124-124.	2.7	0
54	346 EXPRESSION OF IMPRINTED NONCODING RNA FROM THE DLK1-DIO3 LOCUS IN HUMAN EMBRYONIC STEM CELLS ADVANTAGES NEURAL LINEAGE DIFFERENTIATION. <i>Reproduction, Fertility and Development</i> , 2015, 27, 261.	0.4	0

#	ARTICLE	IF	CITATIONS
55	LncRNA Meg3 Choreographs the Epigenetic Landscape of Postmitotic Motor Neuron Cell Fate and Subtype Identity. SSRN Electronic Journal, 0, , .	0.4	0
56	Decentralized Supply Chain Optimization via Swarm Intelligence. Lecture Notes in Computer Science, 2022, , 432-441.	1.3	0