

Shau-Ping Lin

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

4,050
citations

279701

23
h-index

182361

51
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61
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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. | 13.7 | 1,369 |
| 2 | A Large Imprinted microRNA Gene Cluster at the Mouse Dlk1-Gtl2 Domain. <i>Genome Research</i> , 2004, 14, 1741-1748. | 2.4 | 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. | 9.4 | 438 |
| 4 | Imprinted microRNA genes transcribed antisense to a reciprocally imprinted retrotransposon-like gene. <i>Nature Genetics</i> , 2003, 34, 261-262. | 9.4 | 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. | 2.4 | 198 |
| 6 | Genomic Imprinting Contributes to Thyroid Hormone Metabolism in the Mouse Embryo. <i>Current Biology</i> , 2002, 12, 1221-1226. | 1.8 | 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. | 0.2 | 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. | 1.2 | 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. | 1.5 | 88 |
| 10 | The Parental Non-Equivalence of Imprinting Control Regions during Mammalian Development and Evolution. <i>PLoS Genetics</i> , 2010, 6, e1001214. | 1.5 | 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. | 1.2 | 54 |
| 12 | DNMT3L promotes quiescence in postnatal spermatogonial progenitor cells. <i>Development (Cambridge)</i> , 2014, 141, 2402-2413. | 1.2 | 45 |
| 13 | Docosahexaenoic acid suppresses the expression of FoxO and its target genes. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1609-1616. | 1.9 | 43 |
| 14 | Dlk1-Dio3 locus-derived lncRNAs perpetuate postmitotic motor neuron cell fate and subtype identity. <i>ELife</i> , 2018, 7, . | 2.8 | 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. | 1.6 | 36 |
| 16 | Epigenetic factors in the regulation of prospermatogonia and spermatogonial stem cells. <i>Reproduction</i> , 2015, 150, R77-R91. | 1.1 | 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. | 1.6 | 33 |
| 18 | Isolation and Characterization of Novel Murine Epiphysis Derived Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2012, 7, e36085. | 1.1 | 32 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 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. | 2.4 | 28 |
| 20 | Genomic imprinting—insights from studies in mice. <i>Seminars in Cell and Developmental Biology</i> , 2003, 14, 43-49. | 2.3 | 27 |
| 21 | Functions of DNA methyltransferase 3like in germ cells and beyond. <i>Biology of the Cell</i> , 2012, 104, 571-587. | 0.7 | 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. | 1.5 | 26 |
| 23 | Imprinted small RNA genes. <i>Biological Chemistry</i> , 2004, 385, 905-911. | 1.2 | 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. | 1.1 | 25 |
| 25 | In vitro culture and characterization of duck primordial germ cells. <i>Poultry Science</i> , 2019, 98, 1820-1832. | 1.5 | 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. | 1.1 | 21 |
| 27 | Identification of a novel platelet-derived growth factor-like gene, fallotin, 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. | 1.4 | 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. | 2.6 | 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. | 1.4 | 17 |
| 31 | Emergence of differentially regulated pathways associated with the development of regional specificity in chicken skin. <i>BMC Genomics</i> , 2015, 16, 22. | 1.2 | 15 |
| 32 | 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 |
| 33 | Dnmt3l-knockout donor cells improve somatic cell nuclear transfer reprogramming efficiency. <i>Reproduction</i> , 2015, 150, 245-256. | 1.1 | 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. | 1.4 | 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. | 1.1 | 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. | 1.8 | 13 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 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. | 1.8 | 12 |
| 38 | More than causing (epi)genomic instability: emerging physiological implications of transposable element modulation. <i>Journal of Biomedical Science</i> , 2021, 28, 58. | 2.6 | 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. | 3.2 | 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. | 1.1 | 11 |
| 41 | Stage-dependent piRNAs in chicken implicated roles in modulating male germ cell development. <i>BMC Genomics</i> , 2018, 19, 425. | 1.2 | 9 |
| 42 | Nerve-mediated expression of histone deacetylases regulates limb regeneration in axolotls. <i>Developmental Biology</i> , 2019, 449, 122-131. | 0.9 | 9 |
| 43 | DNA methylation assay using droplet-based DNA melting curve analysis. <i>Lab on A Chip</i> , 2018, 18, 514-521. | 3.1 | 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. | 3.1 | 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. | 1.4 | 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. | 1.8 | 3 |
| 47 | Epigenomic and single-cell profiling of human spermatogonial stem cells. <i>Stem Cell Investigation</i> , 2018, 5, 11-11. | 1.3 | 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. | 1.8 | 2 |
| 49 | Isolation of THY1+ Undifferentiated Spermatogonia from Mouse Postnatal Testes Using Magnetic-activated Cell Sorting (MACS). <i>Bio-protocol</i> , 2016, 6, . | 0.2 | 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. | 1.0 | 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. | 1.2 | 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. | 1.2 | 0 |
| 53 | The Regulation of Imprinting Instability in Human Pluripotent Stem Cells.. <i>Biology of Reproduction</i> , 2011, 85, 124-124. | 1.2 | 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. | 0.1 | 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. | 1.0 | 0 |