

Hong-Lin Su

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

3,146
citations

172457

29
h-index

161849

54
g-index

78
all docs

78
docs citations

78
times ranked

5190
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The disruption of bacterial membrane integrity through ROS generation induced by nanohybrids of silver and clay. <i>Biomaterials</i> , 2009, 30, 5979-5987. | 11.4 | 454 |
| 2 | Japanese Encephalitis Virus Infection Initiates Endoplasmic Reticulum Stress and an Unfolded Protein Response. <i>Journal of Virology</i> , 2002, 76, 4162-4171. | 3.4 | 302 |
| 3 | Allogeneic/xenogeneic transplantation of peptide-labeled mitochondria in Parkinson's disease: restoration of mitochondria functions and attenuation of 6-hydroxydopamine-induced neurotoxicity. <i>Translational Research</i> , 2016, 170, 40-56.e3. | 5.0 | 125 |
| 4 | Generation of cerebellar neuron precursors from embryonic stem cells. <i>Developmental Biology</i> , 2006, 290, 287-296. | 2.0 | 109 |
| 5 | Evaluation on Cytotoxicity and Genotoxicity of the Exfoliated Silicate Nanoclay. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 1608-1613. | 8.0 | 109 |
| 6 | Transferring Xenogenic Mitochondria Provides Neural Protection against Ischemic Stress in Ischemic Rat Brains. <i>Cell Transplantation</i> , 2016, 25, 913-927. | 2.5 | 96 |
| 7 | Aloe-emodin induces apoptosis of human nasopharyngeal carcinoma cells via caspase-8-mediated activation of the mitochondrial death pathway. <i>Cancer Letters</i> , 2010, 291, 46-58. | 7.2 | 90 |
| 8 | Systemic combined melatonin-mitochondria treatment improves acute respiratory distress syndrome in the rat. <i>Journal of Pineal Research</i> , 2015, 58, 137-150. | 7.4 | 81 |
| 9 | Induced Pluripotent Stem Cell (iPSC)-Based Neurodegenerative Disease Models for Phenotype Recapitulation and Drug Screening. <i>Molecules</i> , 2020, 25, 2000. | 3.8 | 75 |
| 10 | Enhancement of regeneration with glia cell line-derived neurotrophic factor-transduced human amniotic fluid mesenchymal stem cells after sciatic nerve crush injury [RETRACTED]. <i>Journal of Neurosurgery</i> , 2010, 112, 868-879. | 1.6 | 74 |
| 11 | Migration/Invasion of Malignant Gliomas and Implications for Therapeutic Treatment. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1115. | 4.1 | 72 |
| 12 | Modeling neurogenesis impairment in down syndrome with induced pluripotent stem cells from Trisomy 21 amniotic fluid cells. <i>Experimental Cell Research</i> , 2013, 319, 498-505. | 2.6 | 71 |
| 13 | Novel Nanohybrids of Silver Particles on Clay Platelets for Inhibiting Silver-Resistant Bacteria. <i>PLoS ONE</i> , 2011, 6, e21125. | 2.5 | 61 |
| 14 | Antiapoptotic but Not Antiviral Function of Human <i>bcl-2</i> Assists Establishment of Japanese Encephalitis Virus Persistence in Cultured Cells. <i>Journal of Virology</i> , 1998, 72, 9844-9854. | 3.4 | 58 |
| 15 | N-butylidenephthalide Attenuates Alzheimer's Disease-Like Cytopathy in Down Syndrome Induced Pluripotent Stem Cell-Derived Neurons. <i>Scientific Reports</i> , 2015, 5, 8744. | 3.3 | 54 |
| 16 | Dual regeneration of muscle and nerve by intravenous administration of human amniotic fluid-derived mesenchymal stem cells regulated by stromal cell-derived factor-1 in a sciatic nerve injury model. <i>Journal of Neurosurgery</i> , 2012, 116, 1357-1367. | 1.6 | 51 |
| 17 | Treatment of human cells derived from MERRF syndrome by peptide-mediated mitochondrial delivery. <i>Cytotherapy</i> , 2013, 15, 1580-1596. | 0.7 | 46 |
| 18 | Quantitative evaluation of motor function before and after engraftment of dopaminergic neurons in a rat model of Parkinson's disease. <i>Journal of Biomedical Science</i> , 2010, 17, 9. | 7.0 | 44 |

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|----|---|------|-----------|
| 19 | Cholesterol Depletion Reduces Entry of <i>Campylobacter jejuni</i> Cytotoxic Distending Toxin and Attenuates Intoxication of Host Cells. <i>Infection and Immunity</i> , 2011, 79, 3563-3575. | 2.2 | 43 |
| 20 | Enhancer of Zeste Homolog 2 and Histone Deacetylase 9c Regulate Age-Dependent Mesenchymal Stem Cell Differentiation into Osteoblasts and Adipocytes. <i>Stem Cells</i> , 2016, 34, 2183-2193. | 3.2 | 43 |
| 21 | The Effect of Human bcl-2 and bcl-X Genes on Dengue Virus-Induced Apoptosis in Cultured Cells. <i>Virology</i> , 2001, 282, 141-153. | 2.4 | 42 |
| 22 | Japanese encephalitis virus infection activates caspase-8 and -9 in a FADD-independent and mitochondrion-dependent manner. <i>Journal of General Virology</i> , 2008, 89, 1930-1941. | 2.9 | 41 |
| 23 | CCN2 Enhances Resistance to Cisplatin-Mediating Cell Apoptosis in Human Osteosarcoma. <i>PLoS ONE</i> , 2014, 9, e90159. | 2.5 | 39 |
| 24 | Comprehensive analysis of neurobehavior associated with histomorphological alterations in a chronic constrictive nerve injury model through use of the CatWalk XT system. <i>Journal of Neurosurgery</i> , 2014, 120, 250-262. | 1.6 | 39 |
| 25 | Detection of subtle neurological alterations by the Catwalk XT gait analysis system. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 62. | 4.6 | 39 |
| 26 | CTGF increases drug resistance to paclitaxel by upregulating survivin expression in human osteosarcoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 846-854. | 4.1 | 39 |
| 27 | The use of peptide-delivery to protect human adipose-derived adult stem cells from damage caused by the internalization of quantum dots. <i>Biomaterials</i> , 2008, 29, 925-936. | 11.4 | 35 |
| 28 | Magnesium supplement promotes sciatic nerve regeneration and down-regulates inflammatory response. <i>Magnesium Research</i> , 2011, 24, 54-70. | 0.5 | 35 |
| 29 | Late administration of high-frequency electrical stimulation increases nerve regeneration without aggravating neuropathic pain in a nerve crush injury. <i>BMC Neuroscience</i> , 2018, 19, 37. | 1.9 | 33 |
| 30 | Destabilization of CARP mRNAs by aloe-emodin contributes to caspase-8-mediated p53-independent apoptosis of human carcinoma cells. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1176-1191. | 2.6 | 31 |
| 31 | Characterization of Putative Cholesterol Recognition/Interaction Amino Acid Consensus-Like Motif of <i>Campylobacter jejuni</i> Cytotoxic Distending Toxin C. <i>PLoS ONE</i> , 2013, 8, e66202. | 2.5 | 30 |
| 32 | Modulation of mitochondrial dynamics by treadmill training to improve gait and mitochondrial deficiency in a rat model of Parkinson's disease. <i>Life Sciences</i> , 2017, 191, 236-244. | 4.3 | 30 |
| 33 | Combining Induced Pluripotent Stem Cells and Genome Editing Technologies for Clinical Applications. <i>Cell Transplantation</i> , 2018, 27, 379-392. | 2.5 | 30 |
| 34 | ER-Dependent Ca ⁺⁺ -mediated Cytosolic ROS as an Effector for Induction of Mitochondrial Apoptotic and ATM-JNK Signal Pathways in Gallic Acid-treated Human Oral Cancer Cells. <i>Anticancer Research</i> , 2016, 36, 697-705. | 1.1 | 28 |
| 35 | The signals of FGFs on the neurogenesis of embryonic stem cells. <i>Journal of Biomedical Science</i> , 2010, 17, 33. | 7.0 | 27 |
| 36 | Feasibility of Human Amniotic Fluid Derived Stem Cells in Alleviation of Neuropathic Pain in Chronic Constrictive Injury Nerve Model. <i>PLoS ONE</i> , 2016, 11, e0159482. | 2.5 | 27 |

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|----|--|------|-----------|
| 37 | Ceftriaxone reverses deficits of behavior and neurogenesis in an MPTP-induced rat model of Parkinson's disease dementia. <i>Brain Research Bulletin</i> , 2017, 132, 129-138. | 3.0 | 26 |
| 38 | Prevention of Axonal Degeneration by Perineurium Injection of Mitochondria in a Sciatic Nerve Crush Injury Model. <i>Neurosurgery</i> , 2017, 80, 475-488. | 1.1 | 26 |
| 39 | Induced Pluripotent Stem Cells. <i>Cell Transplantation</i> , 2018, 27, 1588-1602. | 2.5 | 26 |
| 40 | Galangin Prevents Acute Hepatorenal Toxicity in Novel Propacetamol-Induced Acetaminophen-Overdosed Mice. <i>Journal of Medicinal Food</i> , 2015, 18, 1187-1197. | 1.5 | 25 |
| 41 | Inhibition of Bacterial Growth by the Exfoliated Clays and Observation of Physical Capturing Mechanism. <i>Journal of Physical Chemistry C</i> , 2011, 115, 18770-18775. | 3.1 | 24 |
| 42 | Brain tumor senescence might be mediated by downregulation of S-phase kinase-associated protein 2 via butylidenephthalide leading to decreased cell viability. <i>Tumor Biology</i> , 2014, 35, 4875-4884. | 1.8 | 24 |
| 43 | Isochaialactone-induced DDIT3 causes ER stress-PERK independent apoptosis in glioblastoma multiforme cells. <i>Oncotarget</i> , 2017, 8, 4051-4061. | 1.8 | 24 |
| 44 | The regulation of the gap junction of human mesenchymal stem cells through the internalization of quantum dots. <i>Biomaterials</i> , 2009, 30, 1937-1946. | 11.4 | 22 |
| 45 | Evolution of infectious bronchitis virus in Taiwan: Characterisation of RNA recombination in the nucleocapsid gene. <i>Veterinary Microbiology</i> , 2010, 144, 293-302. | 1.9 | 22 |
| 46 | Efficacy and safety of nanohybrids comprising silver nanoparticles and silicate clay for controlling Salmonella infection. <i>International Journal of Nanomedicine</i> , 2012, 7, 2421. | 6.7 | 22 |
| 47 | Development of chitosan/heparin nanoparticle-encapsulated cytolethal distending toxin for gastric cancer therapy. <i>Nanomedicine</i> , 2014, 9, 803-817. | 3.3 | 21 |
| 48 | Evolution of infectious bronchitis virus in Taiwan: Positively selected sites in the nucleocapsid protein and their effects on RNA-binding activity. <i>Veterinary Microbiology</i> , 2013, 162, 408-418. | 1.9 | 19 |
| 49 | Prerequisite OCT4 Maintenance Potentiates the Neural Induction of Differentiating Human Embryonic Stem Cells and Induced Pluripotent Stem Cells. <i>Cell Transplantation</i> , 2015, 24, 829-844. | 2.5 | 19 |
| 50 | The Role of Butylidenephthalide in Targeting the Microenvironment Which Contributes to Liver Fibrosis Amelioration. <i>Frontiers in Pharmacology</i> , 2016, 7, 112. | 3.5 | 19 |
| 51 | Improved Neurological Outcome by Intramuscular Injection of Human Amniotic Fluid Derived Stem Cells in a Muscle Denervation Model. <i>PLoS ONE</i> , 2015, 10, e0124624. | 2.5 | 18 |
| 52 | Recruitment by SDF-1 α of CD34-positive cells involved in sciatic nerve regeneration. <i>Journal of Neurosurgery</i> , 2012, 116, 432-444. | 1.6 | 17 |
| 53 | Cyclin D1 acts as a barrier to pluripotent reprogramming by promoting neural progenitor fate commitment. <i>FEBS Letters</i> , 2014, 588, 4008-4017. | 2.8 | 17 |
| 54 | Involvement of cholesterol in <i>Campylobacter jejuni</i> cytolethal distending toxin-induced pathogenesis. <i>Future Microbiology</i> , 2015, 10, 489-501. | 2.0 | 17 |

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|----|--|-----|-----------|
| 55 | The Roles of Extracellular Vesicles in Malignant Melanoma. <i>Cells</i> , 2021, 10, 2740. | 4.1 | 16 |
| 56 | Susceptibility of Human Embryonic Stem Cell-Derived Neural Cells to Japanese Encephalitis Virus Infection. <i>PLoS ONE</i> , 2014, 9, e114990. | 2.5 | 15 |
| 57 | Isolation of Human Neural Stem Cells from the Amniotic Fluid with Diagnosed Neural Tube Defects. <i>Stem Cells and Development</i> , 2015, 24, 1740-1750. | 2.1 | 14 |
| 58 | The infection of primary avian tracheal epithelial cells with infectious bronchitis virus. <i>Veterinary Research</i> , 2010, 41, 06. | 3.0 | 12 |
| 59 | Epigenetic targeting DNMT1 of pancreatic ductal adenocarcinoma using interstitial control release biodegrading polymer reduced tumor growth through hedgehog pathway inhibition. <i>Pharmacological Research</i> , 2019, 139, 50-61. | 7.1 | 11 |
| 60 | The effect of exercise on mobilization of hematopoietic progenitor cells involved in the repair of sciatic nerve crush injury [RETRACTED]. <i>Journal of Neurosurgery</i> , 2013, 118, 594-605. | 1.6 | 9 |
| 61 | Copy number variant hotspots in Han Taiwanese population induced pluripotent stem cell lines - lessons from establishing the Taiwan human disease iPSC Consortium Bank. <i>Journal of Biomedical Science</i> , 2020, 27, 92. | 7.0 | 9 |
| 62 | Non-Canonical Regulation of Type I Collagen through Promoter Binding of SOX2 and Its Contribution to Ameliorating Pulmonary Fibrosis by Butylidenephthalide. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3024. | 4.1 | 8 |
| 63 | The Infection of Chicken Tracheal Epithelial Cells with a H6N1 Avian Influenza Virus. <i>PLoS ONE</i> , 2011, 6, e18894. | 2.5 | 8 |
| 64 | Down-Regulated Expression of Magnesium Transporter Genes Following a High Magnesium Diet Attenuates Sciatic Nerve Crush Injury. <i>Neurosurgery</i> , 2019, 84, 965-976. | 1.1 | 7 |
| 65 | Characterization of Pathogenesis and Inflammatory Responses to Experimental Parechovirus Encephalitis. <i>Frontiers in Immunology</i> , 2021, 12, 753683. | 4.8 | 6 |
| 66 | Improved symptoms and signs of refractory interstitial cystitis in women after intravesical Nanofat plus platelet-rich plasma grafting: A pilot study. <i>Journal of the Chinese Medical Association</i> , 2022, 85, 730-735. | 1.4 | 6 |
| 67 | Characterization of Axon Formation in the Embryonic Stem Cell-Derived Motoneuron. <i>Cell Transplantation</i> , 2011, 20, 493-502. | 2.5 | 5 |
| 68 | Coactivation of GSK3 ^β and IGF-1 Attenuates Amyotrophic Lateral Sclerosis Nerve Fiber Cytopathies in SOD1 Mutant Patient-Derived Motor Neurons. <i>Cells</i> , 2021, 10, 2773. | 4.1 | 5 |
| 69 | Differentiation of Human Pluripotent Stem Cells Into Specific Neural Lineages. <i>Cell Transplantation</i> , 2021, 30, 096368972110178. | 2.5 | 5 |
| 70 | Does Long-Term Use of Silver Nanoparticles Have Persistent Inhibitory Effect on <i>H. pylori</i> Based on Mongolian Gerbil's Model?. <i>BioMed Research International</i> , 2014, 2014, 1-7. | 1.9 | 4 |
| 71 | EpCAM Induction Functionally Links to the Wnt-Enhanced Cell Proliferation in Human Keratinocytes. <i>Cell Transplantation</i> , 2014, 23, 1031-1044. | 2.5 | 4 |
| 72 | Dual Regeneration of Muscle and Nerve by Intramuscular Infusion of Mitochondria in a Nerve Crush Injury Model. <i>Neurosurgery</i> , 2021, 89, E49-E59. | 1.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Intrathecal Injection of Dual Zipper Kinase shRNA Alleviating the Neuropathic Pain in a Chronic Constrictive Nerve Injury Model. International Journal of Molecular Sciences, 2018, 19, 2421. | 4.1 | 3 |
| 74 | Nanohybrids of silver particles on clay platelets delaminate Pseudomonas biofilms. Nanomedicine, 2014, 9, 1019-1033. | 3.3 | 1 |
| 75 | Combining Induced Pluripotent Stem Cells and Genome Editing Technologies for Clinical Applications. Cell Transplantation, 2017, , . | 2.5 | 1 |
| 76 | Differentiation of Human Pluripotent Stem Cells Into Specific Neural Lineages. Cell Transplantation, 2021, 30, 9636897211017829. | 2.5 | 0 |