

# Hong-Lin Su

## List of Publications by Year in descending order

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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	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
2	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
3	The Roles of Extracellular Vesicles in Malignant Melanoma. <i>Cells</i> , 2021, 10, 2740.	4.1	16
4	Coactivation of GSK3 $\beta$ 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
5	Differentiation of Human Pluripotent Stem Cells Into Specific Neural Lineages. <i>Cell Transplantation</i> , 2021, 30, 9636897211017829.	2.5	0
6	Differentiation of Human Pluripotent Stem Cells Into Specific Neural Lineages. <i>Cell Transplantation</i> , 2021, 30, 096368972110178.	2.5	5
7	Characterization of Pathogenesis and Inflammatory Responses to Experimental Parechovirus Encephalitis. <i>Frontiers in Immunology</i> , 2021, 12, 753683.	4.8	6
8	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
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	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
11	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
12	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
13	Combining Induced Pluripotent Stem Cells and Genome Editing Technologies for Clinical Applications. <i>Cell Transplantation</i> , 2018, 27, 379-392.	2.5	30
14	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
15	Migration/Invasion of Malignant Gliomas and Implications for Therapeutic Treatment. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1115.	4.1	72
16	Intrathecal Injection of Dual Zipper Kinase shRNA Alleviating the Neuropathic Pain in a Chronic Constrictive Nerve Injury Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2421.	4.1	3
17	Induced Pluripotent Stem Cells. <i>Cell Transplantation</i> , 2018, 27, 1588-1602.	2.5	26
18	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

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19	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
20	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
21	Isochailactone-induced DDIT3 causes ER stress-PERK independent apoptosis in glioblastoma multiforme cells. <i>Oncotarget</i> , 2017, 8, 4051-4061.	1.8	24
22	Combining Induced Pluripotent Stem Cells and Genome Editing Technologies for Clinical Applications. <i>Cell Transplantation</i> , 2017, , .	2.5	1
23	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
24	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
25	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
26	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
27	Transferring Xenogenic Mitochondria Provides Neural Protection against Ischemic Stress in Ischemic Rat Brains. <i>Cell Transplantation</i> , 2016, 25, 913-927.	2.5	96
28	ER-Dependent Ca <sup>++</sup> -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
29	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
30	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
31	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
32	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
33	Involvement of cholesterol in <i>Campylobacter jejuni</i> cytolethal distending toxin-induced pathogenesis. <i>Future Microbiology</i> , 2015, 10, 489-501.	2.0	17
34	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
35	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
36	CCN2 Enhances Resistance to Cisplatin-Mediating Cell Apoptosis in Human Osteosarcoma. <i>PLoS ONE</i> , 2014, 9, e90159.	2.5	39

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37	Susceptibility of Human Embryonic Stem Cell-Derived Neural Cells to Japanese Encephalitis Virus Infection. PLoS ONE, 2014, 9, e114990.	2.5	15
38	Does Long-Term Use of Silver Nanoparticles Have Persistent Inhibitory Effect on <i>H. pylori</i> Based on Mongolian Gerbil's Model?. BioMed Research International, 2014, 2014, 1-7.	1.9	4
39	Comprehensive analysis of neurobehavior associated with histomorphological alterations in a chronic constrictive nerve injury model through use of the CatWalk XT system. Journal of Neurosurgery, 2014, 120, 250-262.	1.6	39
40	Nanohybrids of silver particles on clay platelets delaminate Pseudomonas biofilms. Nanomedicine, 2014, 9, 1019-1033.	3.3	1
41	Cyclin D1 acts as a barrier to pluripotent reprogramming by promoting neural progenitor fate commitment. FEBS Letters, 2014, 588, 4008-4017.	2.8	17
42	Development of chitosan/heparin nanoparticle-encapsulated cytolethal distending toxin for gastric cancer therapy. Nanomedicine, 2014, 9, 803-817.	3.3	21
43	Brain tumor senescence might be mediated by downregulation of S-phase kinase-associated protein 2 via butylidenephthalide leading to decreased cell viability. Tumor Biology, 2014, 35, 4875-4884.	1.8	24
44	Detection of subtle neurological alterations by the Catwalk XT gait analysis system. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 62.	4.6	39
45	CTGF increases drug resistance to paclitaxel by upregulating survivin expression in human osteosarcoma cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 846-854.	4.1	39
46	EpCAM Induction Functionally Links to the Wnt-Enhanced Cell Proliferation in Human Keratinocytes. Cell Transplantation, 2014, 23, 1031-1044.	2.5	4
47	Treatment of human cells derived from MERRF syndrome by peptide-mediated mitochondrial delivery. Cytotherapy, 2013, 15, 1580-1596.	0.7	46
48	Modeling neurogenesis impairment in down syndrome with induced pluripotent stem cells from Trisomy 21 amniotic fluid cells. Experimental Cell Research, 2013, 319, 498-505.	2.6	71
49	Evolution of infectious bronchitis virus in Taiwan: Positively selected sites in the nucleocapsid protein and their effects on RNA-binding activity. Veterinary Microbiology, 2013, 162, 408-418.	1.9	19
50	The effect of exercise on mobilization of hematopoietic progenitor cells involved in the repair of sciatic nerve crush injury [RETRACTED]. Journal of Neurosurgery, 2013, 118, 594-605.	1.6	9
51	Characterization of Putative Cholesterol Recognition/Interaction Amino Acid Consensus-Like Motif of Campylobacter jejuni Cytolethal Distending Toxin C. PLoS ONE, 2013, 8, e66202.	2.5	30
52	Dual regeneration of muscle and nerve by intravenous administration of human amniotic fluid-derived mesenchymal stem cells regulated by stromal cell-derived factor-1 $\pm$ in a sciatic nerve injury model. Journal of Neurosurgery, 2012, 116, 1357-1367.	1.6	51
53	Recruitment by SDF-1 $\pm$ of CD34-positive cells involved in sciatic nerve regeneration. Journal of Neurosurgery, 2012, 116, 432-444.	1.6	17
54	Efficacy and safety of nanohybrids comprising silver nanoparticles and silicate clay for controlling Salmonella infection. International Journal of Nanomedicine, 2012, 7, 2421.	6.7	22

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55	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
56	Novel Nanohybrids of Silver Particles on Clay Platelets for Inhibiting Silver-Resistant Bacteria. <i>PLoS ONE</i> , 2011, 6, e21125.	2.5	61
57	Characterization of Axon Formation in the Embryonic Stem Cell-Derived Motoneuron. <i>Cell Transplantation</i> , 2011, 20, 493-502.	2.5	5
58	Magnesium supplement promotes sciatic nerve regeneration and down-regulates inflammatory response. <i>Magnesium Research</i> , 2011, 24, 54-70.	0.5	35
59	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
60	Cholesterol Depletion Reduces Entry of <i>Campylobacter jejuni</i> Cytolethal Distending Toxin and Attenuates Intoxication of Host Cells. <i>Infection and Immunity</i> , 2011, 79, 3563-3575.	2.2	43
61	The Infection of Chicken Tracheal Epithelial Cells with a H6N1 Avian Influenza Virus. <i>PLoS ONE</i> , 2011, 6, e18894.	2.5	8
62	Evaluation on Cytotoxicity and Genotoxicity of the Exfoliated Silicate Nanoclay. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 1608-1613.	8.0	109
63	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
64	The signals of FGFs on the neurogenesis of embryonic stem cells. <i>Journal of Biomedical Science</i> , 2010, 17, 33.	7.0	27
65	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
66	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
67	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
68	The infection of primary avian tracheal epithelial cells with infectious bronchitis virus. <i>Veterinary Research</i> , 2010, 41, 06.	3.0	12
69	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
70	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
71	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
72	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

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73	Generation of cerebellar neuron precursors from embryonic stem cells. <i>Developmental Biology</i> , 2006, 290, 287-296.	2.0	109
74	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
75	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
76	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