

# Chu-tse Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,097  
citations

471509

17  
h-index

434195

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of myocardial ischemia with bone marrow-derived mesenchymal stem cells overexpressing hepatocyte growth factor. <i>Molecular Therapy</i> , 2003, 8, 467-474.	8.2	164
2	Periodontal regeneration in swine after cell injection and cell sheet transplantation of human dental pulp stem cells following good manufacturing practice. <i>Stem Cell Research and Therapy</i> , 2016, 7, 130.	5.5	92
3	Hepatocyte Growth Factor Gene-Modified Mesenchymal Stem Cells Reduce Radiation-Induced Lung Injury. <i>Human Gene Therapy</i> , 2013, 24, 343-353.	2.7	82
4	HGF Accelerates Wound Healing by Promoting the Dedifferentiation of Epidermal Cells through $\int_1^2$ Integrin/ILK Pathway. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	63
5	Adenovirus-mediated transfer of hepatocyte growth factor gene to human dental pulp stem cells under good manufacturing practice improves their potential for periodontal regeneration in swine. <i>Stem Cell Research and Therapy</i> , 2015, 6, 249.	5.5	62
6	Phase I clinical trial on intracoronary administration of Ad-hHGF treating severe coronary artery disease. <i>Molecular Biology Reports</i> , 2009, 36, 1323-1329.	2.3	59
7	Adenoviral Gene Transfer of Sphingosine Kinase 1 Protects Heart Against Ischemia/Reperfusion-Induced Injury and Attenuates Its Postischemic Failure. <i>Human Gene Therapy</i> , 2007, 18, 1119-1128.	2.7	51
8	Sphingosine kinase activation regulates hepatocyte growth factor induced migration of endothelial cells. <i>Experimental Cell Research</i> , 2004, 298, 593-601.	2.6	46
9	Intercellular adhesion molecule-1 enhances the therapeutic effects of MSCs in a dextran sulfate sodium-induced colitis models by promoting MSCs homing to murine colons and spleens. <i>Stem Cell Research and Therapy</i> , 2019, 10, 267.	5.5	46
10	SENPI inhibition induces apoptosis and growth arrest of multiple myeloma cells through modulation of NF- $\kappa$ B signaling. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 409-415.	2.1	42
11	Maintained Properties of Aged Dental Pulp Stem Cells for Superior Periodontal Tissue Regeneration. , 2019, 10, 793.		42
12	Hepatocyte Growth Factor Gene Therapy for Ischemic Diseases. <i>Human Gene Therapy</i> , 2018, 29, 413-423.	2.7	31
13	Transplantation of Hepatocyte Growth Factor-Modified Dental Pulp Stem Cells Prevents Bone Loss in the Early Phase of Ovariectomy-Induced Osteoporosis. <i>Human Gene Therapy</i> , 2018, 29, 271-282.	2.7	31
14	Safety and efficacy assessment of allogeneic human dental pulp stem cells to treat patients with severe COVID-19: structured summary of a study protocol for a randomized controlled trial (Phase I /) Tj ETQq0 0 Or,GBT /Over,lock 10 Tf		
15	A Sandwich Structure of Human Dental Pulp Stem Cell Sheet, Treated Dentin Matrix, and Matrigel for Tooth Root Regeneration. <i>Stem Cells and Development</i> , 2020, 29, 521-532.	2.1	29
16	Adenoviral-mediated gene expression of hepatocyte growth factor prevents postoperative peritoneal adhesion in a rat model. <i>Surgery</i> , 2006, 140, 441-447.	1.9	27
17	HGF Gene Modification in Mesenchymal Stem Cells Reduces Radiation-Induced Intestinal Injury by Modulating Immunity. <i>PLoS ONE</i> , 2015, 10, e0124420.	2.5	26
18	Hepatopoietin Cn reduces ethanol-induced hepatotoxicity via sphingosine kinase 1 and sphingosine 1-phosphate receptors. <i>Journal of Pathology</i> , 2013, 230, 365-376.	4.5	19

#	ARTICLE	IF	CITATIONS
19	Development and evaluation of a trehalose-contained solution formula to preserve hUC-MSCs at 4°C. <i>Journal of Cellular Physiology</i> , 2012, 227, 879-884.	4.1	17
20	Skeletal stem cell-mediated suppression on inflammatory osteoclastogenesis occurs via concerted action of cell adhesion molecules and osteoprotegerin. <i>Stem Cells Translational Medicine</i> , 2020, 9, 261-272.	3.3	17
21	Shp-2 tyrosine phosphatase is required for hepatocyte growth factor-induced activation of sphingosine kinase and migration in embryonic fibroblasts. <i>Cellular Signalling</i> , 2006, 18, 2049-2055.	3.6	16
22	Biological potential alterations of migratory chondrogenic progenitor cells during knee osteoarthritic progression. <i>Arthritis Research and Therapy</i> , 2020, 22, 62.	3.5	16
23	Pulp stem cells with hepatocyte growth factor overexpression exhibit dual effects in rheumatoid arthritis. <i>Stem Cell Research and Therapy</i> , 2020, 11, 229.	5.5	15
24	Hepatocyte Growth Factor Modification Enhances the Anti-Arrhythmic Properties of Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2014, 9, e111246.	2.5	13
25	Overexpression of Hepatocyte Growth Factor in Dental Pulp Stem Cells Ameliorates the Severity of Psoriasis by Reducing Inflammatory Responses. <i>Stem Cells and Development</i> , 2021, 30, 876-889.	2.1	13
26	Clinical-grade human dental pulp stem cells suppressed the activation of osteoarthritic macrophages and attenuated cartilaginous damage in a rabbit osteoarthritis model. <i>Stem Cell Research and Therapy</i> , 2021, 12, 260.	5.5	12
27	Dental Pulp Stem Cell-Derived Extracellular Vesicles Mitigate Haematopoietic Damage after Radiation. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 318-331.	3.8	9
28	HGF-Modified Dental Pulp Stem Cells Mitigate the Inflammatory and Fibrotic Responses in Paraquat-Induced Acute Respiratory Distress Syndrome. <i>Stem Cells International</i> , 2021, 2021, 1-15.	2.5	9
29	Effect of serum choice on replicative senescence in mesenchymal stromal cells. <i>Cytotherapy</i> , 2015, 17, 874-884.	0.7	8
30	Dental Pulp Mesenchymal Stem Cells Attenuate Limb Ischemia via Promoting Capillary Proliferation and Collateral Development in a Preclinical Model. <i>Stem Cells International</i> , 2021, 2021, 1-10.	2.5	5
31	Long-term hypoxia inhibits the passage-dependent stemness decrease and senescence increase of human dental pulp stem cells. <i>Tissue and Cell</i> , 2022, 76, 101819.	2.2	3
32	Proteome Profiling Identified Amyloid- $\beta$ Protein Precursor as a Novel Binding Partner and Modulator of VGLUT1. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 981-1038.	2.6	1