

# Bin Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9087462/publications.pdf>

Version: 2024-02-01

13  
papers

178  
citations

1307366

7  
h-index

1125617

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Small molecule inhibitor of TGF- $\beta$ 2 signaling enables robust osteogenesis of autologous GMSCs to successfully repair minipig severe maxillofacial bone defects. <i>Stem Cell Research and Therapy</i> , 2019, 10, 172.	2.4	50
2	Engineered basic fibroblast growth factor-overexpressing human umbilical cord-derived mesenchymal stem cells improve the proliferation and neuronal differentiation of endogenous neural stem cells and functional recovery of spinal cord injury by activating the PI3K-Akt-GSK-3 $\beta$ signaling pathway. <i>Stem Cell Research and Therapy</i> , 2021, 12, 468.	2.4	26
3	Interleukin-10 genetically modified clinical-grade mesenchymal stromal cells markedly reinforced functional recovery after spinal cord injury via directing alternative activation of macrophages. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 27.	2.7	20
4	The quality evaluation system establishment of mesenchymal stromal cells for cell-based therapy products. <i>Stem Cell Research and Therapy</i> , 2020, 11, 176.	2.4	16
5	Individual heterogeneity screened umbilical cord-derived mesenchymal stromal cells with high Treg promotion demonstrate improved recovery of mouse liver fibrosis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 359.	2.4	15
6	A long-term anti-inflammation markedly alleviated high-fat diet-induced obesity by repeated administrations of overexpressing IL10 human umbilical cord-derived mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	11
7	Efficacy of Platelet-Rich Plasma Containing Xenogenic Adipose Tissue-Derived Stromal Cells on Restoring Intervertebral Disc Degeneration: A Preclinical Study in a Rabbit Model. <i>Pain Research and Management</i> , 2019, 2019, 1-7.	0.7	9
8	Gene-Modified Stem Cells for Spinal Cord Injury: a Promising Better Alternative Therapy. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2662-2682.	1.7	9
9	Human skin dermis-derived fibroblasts are a kind of functional mesenchymal stromal cells: judgements from surface markers, biological characteristics, to therapeutic efficacy. <i>Cell and Bioscience</i> , 2022, 12, .	2.1	7
10	Reflection and observation: cell-based screening failing to detect HBV in HUMSCs derived from HBV-infected mothers underscores the importance of more stringent donor eligibility to reduce risk of transmission of infectious diseases for stem cell-based medical products. <i>Stem Cell Research and Therapy</i> , 2018, 9, 177.	2.4	6
11	Clinical application of collagen membrane with umbilical cord-derived mesenchymal stem cells to repair nasal septal perforation. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 014101.	1.7	4
12	A novel minimally invasive OFM technique with orthotopic transplantation of hUC-MSCs and in vivo monitoring of liver metabolic microenvironment in liver fibrosis treatment. <i>Stem Cell Research and Therapy</i> , 2021, 12, 534.	2.4	3
13	A functional extracellular matrix biomaterial enriched with VEGFA and bFGF as vehicle of human umbilical cord mesenchymal stem cells in skin wound healing. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 014103.	1.7	2