

# Yijie Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

869  
citations

567281

15  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-free therapy based on adipose tissue stem cell-derived exosomes promotes wound healing via the PI3K/Akt signaling pathway. <i>Experimental Cell Research</i> , 2018, 370, 333-342.	2.6	234
2	Exosomes derived from human amniotic epithelial cells accelerate wound healing and inhibit scar formation. <i>Journal of Molecular Histology</i> , 2017, 48, 121-132.	2.2	141
3	Biochemical and structural cues of 3D-printed matrix synergistically direct MSC differentiation for functional sweat gland regeneration. <i>Science Advances</i> , 2020, 6, eaaz1094.	10.3	63
4	Biophysical and Biochemical Cues of Biomaterials Guide Mesenchymal Stem Cell Behaviors. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 640388.	3.7	56
5	Acetylation-Dependent Regulation of Notch Signaling in Macrophages by SIRT1 Affects Sepsis Development. <i>Frontiers in Immunology</i> , 2018, 9, 762.	4.8	51
6	miR-155 inhibits the formation of hypertrophic scar fibroblasts by targeting HIF-1 $\alpha$ via PI3K/AKT pathway. <i>Journal of Molecular Histology</i> , 2018, 49, 377-387.	2.2	39
7	IL-17 Promotes Scar Formation by Inducing Macrophage Infiltration. <i>American Journal of Pathology</i> , 2018, 188, 1693-1702.	3.8	37
8	Using bioprinting and spheroid culture to create a skin model with sweat glands and hair follicles. <i>Burns and Trauma</i> , 2021, 9, tkab013.	4.9	34
9	Stiffness-mediated mesenchymal stem cell fate decision in 3D-bioprinted hydrogels. <i>Burns and Trauma</i> , 2020, 8, tkaa029.	4.9	33
10	Bioactive nanoparticle reinforced alginate/gelatin bioink for the maintenance of stem cell stemness. <i>Materials Science and Engineering C</i> , 2021, 126, 112193.	7.3	29
11	The stiffness of hydrogel-based bioink impacts mesenchymal stem cells differentiation toward sweat glands in 3D-bioprinted matrix. <i>Materials Science and Engineering C</i> , 2021, 118, 111387.	7.3	26
12	<i>Streptococcus thermophilus</i> Attenuates Inflammation in Septic Mice Mediated by Gut Microbiota. <i>Frontiers in Microbiology</i> , 2020, 11, 598010.	3.5	24
13	JAM-A knockdown accelerates the proliferation and migration of human keratinocytes, and improves wound healing in rats via FAK/Erk signaling. <i>Cell Death and Disease</i> , 2018, 9, 848.	6.3	23
14	Curcumin pretreatment protects against hypoxia/reoxygenation injury via improvement of mitochondrial function, destabilization of HIF-1 $\alpha$ and activation of Epac1-Akt pathway in rat bone marrow mesenchymal stem cells. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1268-1275.	5.6	21
15	Curcumin pretreatment prevents hydrogen peroxide-induced oxidative stress through enhanced mitochondrial function and deactivation of Akt/Erk signaling pathways in rat bone marrow mesenchymal stem cells. <i>Molecular and Cellular Biochemistry</i> , 2018, 443, 37-45.	3.1	20
16	MicroRNA-192 regulates hypertrophic scar fibrosis by targeting SIP1. <i>Journal of Molecular Histology</i> , 2017, 48, 357-366.	2.2	16
17	Prolonged skin grafts survival time by IFN- $\gamma$ in allogeneic skin transplantation model during acute rejection through IFN- $\gamma$ /STAT3/IDO pathway in epidermal layer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 436-442.	2.1	8
18	OUP accepted manuscript. <i>Burns and Trauma</i> , 2022, 10, tkab044.	4.9	5

#	ARTICLE	IF	CITATIONS
19	The role of CTHRC1 in hair follicle regenerative capacity restored by plantar dermis homogenate. Biochemical and Biophysical Research Communications, 2021, 571, 14-19.	2.1	3