

# Zhang Bin

## List of Publications by Year in descending order

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60  
papers

4,324  
citations

172457

29  
h-index

133252

59  
g-index

60  
all docs

60  
docs citations

60  
times ranked

6266  
citing authors

#	ARTICLE	IF	CITATIONS
1	HucMSC-Exosome Mediated-Wnt4 Signaling Is Required for Cutaneous Wound Healing. <i>Stem Cells</i> , 2015, 33, 2158-2168.	3.2	585
2	Exosomes released by human umbilical cord mesenchymal stem cells protect against cisplatin-induced renal oxidative stress and apoptosis in vivo and in vitro. <i>Stem Cell Research and Therapy</i> , 2013, 4, 34.	5.5	529
3	Human Umbilical Cord Mesenchymal Stem Cell Exosomes Enhance Angiogenesis Through the Wnt4/ $\beta$ -Catenin Pathway. <i>Stem Cells Translational Medicine</i> , 2015, 4, 513-522.	3.3	353
4	Human Mesenchymal Stem Cell Derived Exosomes Alleviate Type 2 Diabetes Mellitus by Reversing Peripheral Insulin Resistance and Relieving $\beta$ -Cell Destruction. <i>ACS Nano</i> , 2018, 12, 7613-7628.	14.6	287
5	MSC-exosome: A novel cell-free therapy for cutaneous regeneration. <i>Cytotherapy</i> , 2018, 20, 291-301.	0.7	191
6	Exosomes derived from human mesenchymal stem cells confer drug resistance in gastric cancer. <i>Cell Cycle</i> , 2015, 14, 2473-2483.	2.6	181
7	Extracellular vesicles: A bright star of nanomedicine. <i>Biomaterials</i> , 2021, 269, 120467.	11.4	179
8	Exosomes Derived from Human Umbilical Cord Mesenchymal Stem Cells Relieve Inflammatory Bowel Disease in Mice. <i>BioMed Research International</i> , 2017, 2017, 1-12.	1.9	158
9	Exosomes derived from gastric cancer cells activate NF- $\kappa$ B pathway in macrophages to promote cancer progression. <i>Tumor Biology</i> , 2016, 37, 12169-12180.	1.8	144
10	HucMSC Exosome-Delivered 14-3-3 $\sigma$ Orchestrates Self-Control of the Wnt Response via Modulation of YAP During Cutaneous Regeneration. <i>Stem Cells</i> , 2016, 34, 2485-2500.	3.2	119
11	Pre-incubation with hucMSC-exosomes prevents cisplatin-induced nephrotoxicity by activating autophagy. <i>Stem Cell Research and Therapy</i> , 2017, 8, 75.	5.5	119
12	Mouse bone marrow-derived mesenchymal stem cells induce macrophage M2 polarization through the nuclear factor- $\kappa$ B and signal transducer and activator of transcription 3 pathways. <i>Experimental Biology and Medicine</i> , 2014, 239, 366-375.	2.4	111
13	Exosomal miRNA-139 in cancer-associated fibroblasts inhibits gastric cancer progression by repressing MMP11 expression. <i>International Journal of Biological Sciences</i> , 2019, 15, 2320-2329.	6.4	105
14	Exosomal TRIM3 is a novel marker and therapy target for gastric cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 162.	8.6	85
15	3,3'-Diindolylmethane stimulates exosomal Wnt11 autocrine signaling in human umbilical cord mesenchymal stem cells to enhance wound healing. <i>Theranostics</i> , 2017, 7, 1674-1688.	10.0	81
16	Exosomes from Human Umbilical Cord Mesenchymal Stem Cells: Identification, Purification, and Biological Characteristics. <i>Stem Cells International</i> , 2016, 2016, 1-11.	2.5	80
17	UBR2 Enriched in p53 Deficient Mouse Bone Marrow Mesenchymal Stem Cell-Exosome Promoted Gastric Cancer Progression via Wnt/ $\beta$ -Catenin Pathway. <i>Stem Cells</i> , 2017, 35, 2267-2279.	3.2	73
18	Tumorigenic hybrids between mesenchymal stem cells and gastric cancer cells enhanced cancer proliferation, migration and stemness. <i>BMC Cancer</i> , 2015, 15, 793.	2.6	68

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19	PGD2/PTGDR2 Signaling Restricts the Self-Renewal and Tumorigenesis of Gastric Cancer. <i>Stem Cells</i> , 2018, 36, 990-1003.	3.2	64
20	IL-17B: A new area of study in the IL-17 family. <i>Molecular Immunology</i> , 2017, 90, 50-56.	2.2	57
21	Macrophages are involved in the protective role of human umbilical cord-derived stromal cells in renal ischemia-reperfusion injury. <i>Stem Cell Research</i> , 2013, 10, 405-416.	0.7	51
22	Resveratrol improves human umbilical cord-derived mesenchymal stem cells repair for cisplatin-induced acute kidney injury. <i>Cell Death and Disease</i> , 2018, 9, 965.	6.3	38
23	Mesenchymal stem cell-derived extracellular vesicles: a new impetus of promoting angiogenesis in tissue regeneration. <i>Cytotherapy</i> , 2019, 21, 497-508.	0.7	38
24	HucMSC exosome-transported 14-3-3 $\eta$ prevents the injury of cisplatin to HK-2 cells by inducing autophagy in vitro. <i>Cytotherapy</i> , 2018, 20, 29-44.	0.7	37
25	FoxM1 drives ADAM17/EGFR activation loop to promote mesenchymal transition in glioblastoma. <i>Cell Death and Disease</i> , 2018, 9, 469.	6.3	33
26	Tumor-derived mesenchymal stem cell-secreted IL-6 enhances resistance to cisplatin via the STAT3 pathway in breast cancer. <i>Oncology Letters</i> , 2018, 15, 9142-9150.	1.8	33
27	HucMSC exosome-delivered 14-3-3 $\eta$ alleviates ultraviolet radiation-induced photodamage via SIRT1 pathway modulation. <i>Aging</i> , 2021, 13, 11542-11563.	3.1	33
28	HucMSC exosomes-delivered 14-3-3 $\eta$ enhanced autophagy via modulation of ATG16L in preventing cisplatin-induced acute kidney injury. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 101-113.	0.0	33
29	MicroRNA-146b, a Sensitive Indicator of Mesenchymal Stem Cell Repair of Acute Renal Injury. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1406-1415.	3.3	32
30	Human umbilical cord mesenchymal stem cells alleviate inflammatory bowel disease through the regulation of 15-LOX-1 in macrophages. <i>Biotechnology Letters</i> , 2017, 39, 929-938.	2.2	32
31	IL-17B activated mesenchymal stem cells enhance proliferation and migration of gastric cancer cells. <i>Oncotarget</i> , 2017, 8, 18914-18923.	1.8	32
32	Biological Properties and the Role of IL-25 in Disease Pathogenesis. <i>Journal of Immunology Research</i> , 2018, 2018, 1-8.	2.2	31
33	YAP signaling in gastric cancer-derived mesenchymal stem cells is critical for its promoting role in cancer progression. <i>International Journal of Oncology</i> , 2017, 51, 1055-1066.	3.3	27
34	Dual Role of MSC-Derived Exosomes in Tumor Development. <i>Stem Cells International</i> , 2020, 2020, 1-11.	2.5	27
35	Engineering exosomes: a new direction for anticancer treatment. <i>American Journal of Cancer Research</i> , 2018, 8, 1332-1342.	1.4	24
36	IL-17B/IL-17RB signaling cascade contributes to self-renewal and tumorigenesis of cancer stem cells by regulating Beclin-1 ubiquitination. <i>Oncogene</i> , 2021, 40, 2200-2216.	5.9	22

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37	The Role of CDR1as in Proliferation and Differentiation of Human Umbilical Cord-Derived Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-11.	2.5	21
38	Anti-cancer drug 3,3'-diindolylmethane activates Wnt4 signaling to enhance gastric cancer cell stemness and tumorigenesis. <i>Oncotarget</i> , 2016, 7, 16311-16324.	1.8	21
39	PTEN silencing enhances neuronal proliferation and differentiation by activating PI3K/Akt/GSK3 $\beta$ pathway in vitro. <i>Experimental Cell Research</i> , 2018, 363, 179-187.	2.6	20
40	Wnt10B is critical for the progression of gastric cancer. <i>Oncology Letters</i> , 2017, 13, 4231-4237.	1.8	14
41	miR-373 suppresses gastric cancer metastasis by downregulating vimentin. <i>Molecular Medicine Reports</i> , 2017, 17, 4027-4034.	2.4	13
42	TRAF6 Promotes Gastric Cancer Cell Self-Renewal, Proliferation, and Migration. <i>Stem Cells International</i> , 2020, 2020, 1-11.	2.5	13
43	The Roles of Host Noncoding RNAs in Mycobacterium tuberculosis Infection. <i>Frontiers in Immunology</i> , 2021, 12, 664787.	4.8	13
44	Identification of a novel YAP-14-3-3 $\sigma$ negative feedback loop in gastric cancer. <i>Oncotarget</i> , 2017, 8, 71894-71910.	1.8	13
45	15d-PGJ2 is a new hope for controlling tumor growth. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 648-658.	0.0	13
46	Long noncoding RNA LINC00930 promotes PFKFB3-mediated tumor glycolysis and cell proliferation in nasopharyngeal carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 77.	8.6	12
47	Autophagy: A new treatment strategy for MSC-based therapy in acute kidney injury (Review). <i>Molecular Medicine Reports</i> , 2018, 17, 3439-3447.	2.4	9
48	Amino Acid-Mediated Metabolism: A New Power to Influence Properties of Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-9.	2.5	8
49	Cancer stemness and metastatic potential of the novel tumor cell line K3: an inner mutated cell of bone marrow-derived mesenchymal stem cells. <i>Oncotarget</i> , 2017, 8, 39522-39533.	1.8	8
50	The Role of Cancer Stem Cell-Derived Exosomes in Cancer Progression. <i>Stem Cells International</i> , 2022, 2022, 1-13.	2.5	8
51	Extracellular regulated protein kinases 1/2 phosphorylation is required for hepatic differentiation of human umbilical cord-derived mesenchymal stem cells. <i>Experimental Biology and Medicine</i> , 2015, 240, 534-545.	2.4	7
52	YAP promotes self-renewal of gastric cancer cells by inhibiting expression of L-PTGDS and PTGDR2. <i>International Journal of Clinical Oncology</i> , 2020, 25, 2055-2065.	2.2	7
53	The Role of RNA Methylation in Regulating Stem Cell Fate and Function-Focus on m6A. <i>Stem Cells International</i> , 2021, 2021, 1-13.	2.5	7
54	Signal transduction mechanism of exosomes in diabetic complications (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 23, 155.	1.8	6

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55	A novel method to isolate mesenchymal stem cells from mouse umbilical cord. <i>Molecular Medicine Reports</i> , 2018, 17, 861-869.	2.4	5
56	A New Antitumor Direction: Tumor-Specific Endothelial Cells. <i>Frontiers in Oncology</i> , 2021, 11, 756334.	2.8	5
57	Sox9 Is Crucial for Mesenchymal Stem Cells to Enhance Cutaneous Wound Healing. <i>International Journal of Stem Cells</i> , 2021, 14, 465-474.	1.8	4
58	Nattokinase Crude Extract Enhances Cutaneous Wound Healing. <i>Journal of Biomaterials and Tissue Engineering</i> , 2017, 7, 1281-1286.	0.1	3
59	Mesenchymal stem cell-derived exosomes: a promising vector in treatment for diabetes and its microvascular complications. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 3942-3953.	0.0	2
60	Establishment of a fluorescent PCR melting curve method for detecting asthma susceptibility using gene SNP typing. <i>Journal of Asthma</i> , 2020, 57, 850-857.	1.7	0