

Hwai-Shi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,904
citations

567281

15
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

2814
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal Stem Cells in the Wharton's Jelly of the Human Umbilical Cord. <i>Stem Cells</i> , 2004, 22, 1330-1337.	3.2	1,202
2	Leukoregulin Induction of Prostaglandin-Endoperoxide H Synthase-2 in Human Orbital Fibroblasts. <i>Journal of Biological Chemistry</i> , 1996, 271, 22718-22728.	3.4	94
3	Transplantation of Insulin-Producing Cells Derived from Umbilical Cord Stromal Mesenchymal Stem Cells to Treat NOD Mice. <i>Cell Transplantation</i> , 2011, 20, 455-466.	2.5	91
4	CD44 Cross-linking induces integrin-mediated adhesion and transendothelial migration in breast cancer cell line by up-regulation of LFA-1 (β 1) and VLA-4 (β 1). <i>Experimental Cell Research</i> , 2005, 304, 116-126.	2.6	73
5	Transplantation of insulin-producing cells from umbilical cord mesenchymal stem cells for the treatment of streptozotocin-induced diabetic rats. <i>Journal of Biomedical Science</i> , 2012, 19, 47.	7.0	62
6	Transforming growth factor β 2 induces CD44 cleavage that promotes migration of MDA-MB-435s cells through the up-regulation of membrane type 1 matrix metalloproteinase. <i>International Journal of Cancer</i> , 2009, 124, 2568-2576.	5.1	61
7	TGF- β induced hyaluronan synthesis in orbital fibroblasts involves protein kinase C β II activation in vitro. <i>Journal of Cellular Biochemistry</i> , 2005, 95, 256-267.	2.6	40
8	Undifferentiated Wharton's Jelly Mesenchymal Stem Cell Transplantation Induces Insulin-Producing Cell Differentiation and Suppression of T-Cell-Mediated Autoimmunity in Nonobese Diabetic Mice. <i>Cell Transplantation</i> , 2015, 24, 1555-1570.	2.5	40
9	IL-1 β -Induced Matrix Metalloproteinase-1 Promotes Mesenchymal Stem Cell Migration via PAR1 and G-Protein-Coupled Signaling Pathway. <i>Stem Cells International</i> , 2018, 2018, 1-11.	2.5	39
10	Enhanced membrane-type 1 matrix metalloproteinase expression by hyaluronan oligosaccharides in breast cancer cells facilitates CD44 cleavage and tumor cell migration. <i>Oncology Reports</i> , 2012, 28, 1808-1814.	2.6	30
11	Interleukin-1 β induces CXCR3-mediated chemotaxis to promote umbilical cord mesenchymal stem cell transendothelial migration. <i>Stem Cell Research and Therapy</i> , 2018, 9, 281.	5.5	26
12	Stimulation of hyaluronan synthesis by interleukin-1 β involves activation of protein kinase C β II in fibroblasts from patients with Graves' ophthalmopathy. <i>Journal of Cellular Biochemistry</i> , 2001, 82, 58-67.	2.6	21
13	IL-1 β -Induced Mesenchymal Stem Cell Migration Involves MLCK Activation via PKC Signaling. <i>Cell Transplantation</i> , 2015, 24, 2011-2028.	2.5	21
14	Matrix metalloproteinase-3 expression in the medial plica and pannus-like tissue in knees from patients with medial compartment osteoarthritis. <i>Histopathology</i> , 2011, 58, 593-600.	2.9	19
15	Stiffness-controlled three-dimensional collagen scaffolds for differentiation of human Wharton's jelly mesenchymal stem cells into cardiac progenitor cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2234-2242.	4.0	19
16	Comparisons of Differentiation Potential in Human Mesenchymal Stem Cells from Wharton's Jelly, Bone Marrow, and Pancreatic Tissues. <i>Stem Cells International</i> , 2015, 2015, 1-10.	2.5	14
17	CD44 crosslinking-mediated matrix metalloproteinase-9 relocation in breast tumor cells leads to enhanced metastasis. <i>International Journal of Oncology</i> , 2007, , .	3.3	13
18	Nickel ions from a corroded cardiovascular stent induce monocytic cell apoptosis: Proposed impact on vascular remodeling and mechanism. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 1088-1096.	1.7	11

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19	Interleukin-1 β Enhances Umbilical Cord Mesenchymal Stem Cell Adhesion Ability on Human Umbilical Vein Endothelial Cells via LFA-1/ICAM-1 Interaction. <i>Stem Cells International</i> , 2019, 2019, 1-13.	2.5	9
20	Interleukin-1 β -induced matrix metalloproteinase-3 via ERK1/2 pathway to promote mesenchymal stem cell migration. <i>PLoS ONE</i> , 2021, 16, e0252163.	2.5	8
21	HYS-32-Induced Microtubule Catastrophes in Rat Astrocytes Involves the PI3K-GSK3 β Signaling Pathway. <i>PLoS ONE</i> , 2015, 10, e0126217.	2.5	7
22	Embelin downregulated cFLIP in breast cancer cell lines facilitate anti-tumor effect of IL-1 β -stimulated human umbilical cord mesenchymal stem cells. <i>Scientific Reports</i> , 2021, 11, 14720.	3.3	4