

Techung Lee

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,526
citations

394286

19
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

2342
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotypic changes of adult porcine mesenchymal stem cells induced by prolonged passaging in culture. <i>Journal of Cellular Physiology</i> , 2005, 205, 194-201.	2.0	257
2	Heart failure therapy mediated by the trophic activities of bone marrow mesenchymal stem cells: a noninvasive therapeutic regimen. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H1888-H1897.	1.5	193
3	Vascular endothelial growth factor (VEGF) as a key therapeutic trophic factor in bone marrow mesenchymal stem cell-mediated cardiac repair. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 834-838.	1.0	111
4	Activation of host tissue trophic factors through JAK-STAT3 signaling: a mechanism of mesenchymal stem cell-mediated cardiac repair. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H1428-H1438.	1.5	92
5	Assessment of a Nuclear Affinity Labeling Method for Tracking Implanted Mesenchymal Stem Cells. <i>Cell Transplantation</i> , 2008, 17, 911-922.	1.2	86
6	Enhancing the efficacy of mesenchymal stem cell therapy. <i>World Journal of Stem Cells</i> , 2014, 6, 82.	1.3	84
7	Proteolytic Regulation of the Zinc Finger Transcription Factor YY1, a Repressor of Muscle-restricted Gene Expression. <i>Journal of Biological Chemistry</i> , 1998, 273, 6656-6661.	1.6	79
8	Activation of Toll-like receptor 3 amplifies mesenchymal stem cell trophic factors and enhances therapeutic potency. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C1021-C1033.	2.1	73
9	sFRP2 activates Wnt/ β -catenin signaling in cardiac fibroblasts: differential roles in cell growth, energy metabolism, and extracellular matrix remodeling. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C710-C719.	2.1	71
10	Muscular Dystrophy Therapy by Nonautologous Mesenchymal Stem Cells: Muscle Regeneration Without Immunosuppression and Inflammation. <i>Transplantation</i> , 2009, 87, 1275-1282.	0.5	69
11	Adenoviral expression of vascular endothelial growth factor splice variants differentially regulate bone marrow-derived mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2008, 216, 458-468.	2.0	59
12	Bioenergetic and functional consequences of stem cell-based VEGF delivery in pressure-overloaded swine hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1393-H1405.	1.5	57
13	Secreted Frizzled-related protein 2 as a target in antifibrotic therapeutic intervention. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C531-C539.	2.1	51
14	Intramuscular VEGF repairs the failing heart: role of host-derived growth factors and mobilization of progenitor cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1503-R1515.	0.9	46
15	Stem cell regulatory function mediated by expression of a novel mouse Oct4 pseudogene. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 111-116.	1.0	42
16	Intramuscular VEGF activates an SDF1-dependent progenitor cell cascade and an SDF1-independent muscle paracrine cascade for cardiac repair. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H2422-H2432.	1.5	26
17	Tissue-nonspecific alkaline phosphatase as a target of sFRP2 in cardiac fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C139-C147.	2.1	22
18	Myocardial oxidative stress, osteogenic phenotype, and energy metabolism are differentially involved in the initiation and early progression of β -sarcoglycan-null cardiomyopathy. <i>Molecular and Cellular Biochemistry</i> , 2009, 321, 45-52.	1.4	20

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19	Host tissue response in stem cell therapy. <i>World Journal of Stem Cells</i> , 2010, 2, 61.	1.3	20
20	Stem cell therapy independent of stemness. <i>World Journal of Stem Cells</i> , 2012, 4, 120.	1.3	19
21	Cellular Toxicity Induced by SRF-Mediated Transcriptional Squelching. <i>Toxicological Sciences</i> , 2006, 96, 83-91.	1.4	18
22	Upregulation of non-canonical Wnt ligands and oxidative glucose metabolism in NASH induced by methionine-choline-deficient diet. <i>Trends in Cell & Molecular Biology</i> , 0, 22, 47.	0.5	12
23	Upregulation of non-canonical Wnt ligands and oxidative glucose metabolism in NASH induced by methionine-choline deficient diet. <i>Trends in Cell & Molecular Biology</i> , 2018, 13, 47-56.	0.5	7
24	Role and differential expression of calpastatin mRNA and protein in cultured cardiomyocytes exposed to hypoxic stress. <i>Molecular and Cellular Biochemistry</i> , 2004, 265, 63-70.	1.4	5
25	Dental Pulp Cell Conditioning through Polyinosinic-Polycytidylic Acid Activation of Toll-like Receptor 3 for Amplification of Trophic Factors. <i>Journal of Endodontics</i> , 2022, 48, 872-879.	1.4	4
26	Secreted phosphoglucose isomerase is a novel biomarker of nonalcoholic fatty liver in mice and humans. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 1101-1105.	1.0	3