

Zhenyu Tang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,829
citations

516710

16
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

3333
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of matrix stiffness on the differentiation of mesenchymal stem cells in response to TGF- β 2. <i>Biomaterials</i> , 2011, 32, 3921-3930.	11.4	641
2	Differentiation of multipotent vascular stem cells contributes to vascular diseases. <i>Nature Communications</i> , 2012, 3, 875.	12.8	249
3	Induced pluripotent stem cells for neural tissue engineering. <i>Biomaterials</i> , 2011, 32, 5023-5032.	11.4	214
4	The effect of stromal cell-derived factor-1 α /heparin coating of biodegradable vascular grafts on the recruitment of both endothelial and smooth muscle progenitor cells for accelerated regeneration. <i>Biomaterials</i> , 2012, 33, 8062-8074.	11.4	147
5	Mechano growth factor (MGF) and transforming growth factor (TGF)- β 3 functionalized silk scaffolds enhance articular hyaline cartilage regeneration in rabbit model. <i>Biomaterials</i> , 2015, 52, 463-475.	11.4	111
6	Human iPSC-Derived Neural Crest Stem Cells Promote Tendon Repair in a Rat Patellar Tendon Window Defect Model. <i>Tissue Engineering - Part A</i> , 2013, 19, 2439-2451.	3.1	85
7	Contributions of different intraarticular tissues to the acute phase elevation of synovial fluid MMP-2 following rat ACL rupture. <i>Journal of Orthopaedic Research</i> , 2009, 27, 243-248.	2.3	61
8	TGF- β 1 promoted MMP-2 mediated wound healing of anterior cruciate ligament fibroblasts through NF- κ B. <i>Connective Tissue Research</i> , 2011, 52, 218-225.	2.3	61
9	Derivation of Smooth Muscle Cells with Neural Crest Origin from Human Induced Pluripotent Stem Cells. <i>Cells Tissues Organs</i> , 2012, 195, 5-14.	2.3	50
10	Differential expression of matrix metalloproteinases and tissue inhibitors of metalloproteinases in anterior cruciate ligament and medial collateral ligament fibroblasts after a mechanical injury: Involvement of the p65 subunit of NF- κ B. <i>Wound Repair and Regeneration</i> , 2009, 17, 709-716.	3.0	34
11	Combined effects of TNF- α , IL-1 β , and HIF-1 α on MMP-2 production in ACL fibroblasts under mechanical stretch: An in vitro study. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1008-1014.	2.3	33
12	Smooth Muscle Cells: To Be or Not To Be?. <i>Circulation Research</i> , 2013, 112, 23-26.	4.5	30
13	Expression of MMPs and TIMPs Family in Human ACL and MCL Fibroblasts. <i>Connective Tissue Research</i> , 2009, 50, 7-13.	2.3	26
14	Differential response to CoCl2-stimulated hypoxia on HIF-1 α , VEGF, and MMP-2 expression in ligament cells. <i>Molecular and Cellular Biochemistry</i> , 2012, 360, 235-242.	3.1	26
15	Synovial stem cells and their responses to the porosity of microfibrinous scaffold. <i>Acta Biomaterialia</i> , 2013, 9, 7264-7275.	8.3	23
16	Coordinated Expression of MMPs and TIMPs in Rat Knee Intra-Articular Tissues After ACL Injury. <i>Connective Tissue Research</i> , 2009, 50, 315-322.	2.3	19
17	Differential MMP-2 activity induced by mechanical compression and inflammatory factors in human synoviocytes. <i>MCB Molecular and Cellular Biomechanics</i> , 2010, 7, 105-114.	0.7	12
18	Coordinated Expression of MMPs and TIMPs in Rat Knee Intra-Articular Tissues After ACL Injury. <i>Connective Tissue Research</i> , 2009, 50, 315-322.	2.3	7

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19	MMPs and TIMPs Expression and the Anterior Cruciate Ligament Repair. , 2009, , .		0