

Wenbo Wang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

657
citations

567281

15
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

964
citing authors

#	ARTICLE	IF	CITATIONS
1	Repair of Achilles tendon defect with autologous ASCs engineered tendon in a rabbit model. <i>Biomaterials</i> , 2014, 35, 8801-8809.	11.4	99
2	Temporal and spatial distribution of macrophage phenotype markers in the foreign body response to glutaraldehyde-crosslinked gelatin hydrogels. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 721-742.	3.5	63
3	Exosomes derived from human CD34+ stem cells transfected with miR-26a prevent glucocorticoid-induced osteonecrosis of the femoral head by promoting angiogenesis and osteogenesis. <i>Stem Cell Research and Therapy</i> , 2019, 10, 321.	5.5	58
4	Aligned nanofibers direct human dermal fibroblasts to tenogenic phenotype <i>in vitro</i> and enhance tendon regeneration <i>in vivo</i> . <i>Nanomedicine</i> , 2016, 11, 1055-1072.	3.3	52
5	Sorafenib exerts an anti-keeloid activity by antagonizing TGF- β 2/Smad and MAPK/ERK signaling pathways. <i>Journal of Molecular Medicine</i> , 2016, 94, 1181-1194.	3.9	46
6	Silencing MicroRNA-137-3p, which Targets RUNX2 and CXCL12 Prevents Steroid-induced Osteonecrosis of the Femoral Head by Facilitating Osteogenesis and Angiogenesis. <i>International Journal of Biological Sciences</i> , 2020, 16, 655-670.	6.4	36
7	Hyaluronic Acid Coating Enhances Biocompatibility of Nonwoven PGA Scaffold and Cartilage Formation. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 86-97.	2.1	34
8	Induction of predominant tenogenic phenotype in human dermal fibroblasts via synergistic effect of TGF- β 2 and elongated cell shape. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C357-C372.	4.6	31
9	Accelerated Bone Regeneration by Astragaloside IV through Stimulating the Coupling of Osteogenesis and Angiogenesis. <i>International Journal of Biological Sciences</i> , 2021, 17, 1821-1836.	6.4	28
10	Tendon ECM modified bioactive electrospun fibers promote MSC tenogenic differentiation and tendon regeneration. <i>Applied Materials Today</i> , 2020, 18, 100495.	4.3	26
11	Adrenomedullin 2 improves bone regeneration in type 1 diabetic rats by restoring imbalanced macrophage polarization and impaired osteogenesis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 288.	5.5	25
12	Dual inhibition of HDAC and tyrosine kinase signaling pathways with CUDC-907 attenuates TGF- β 1 induced lung and tumor fibrosis. <i>Cell Death and Disease</i> , 2020, 11, 765.	6.3	21
13	Therapeutic Potential of TNF- α and IL1- β Blockade for CRS/ICANS in CAR-T Therapy via Ameliorating Endothelial Activation. <i>Frontiers in Immunology</i> , 2021, 12, 623610.	4.8	21
14	Elongated cell morphology and uniaxial mechanical stretch contribute to physical attributes of niche environment for MSC tenogenic differentiation. <i>Cell Biology International</i> , 2013, 37, 755-760.	3.0	16
15	Induction of transient tenogenic phenotype of high-density cultured human dermal fibroblasts. <i>Connective Tissue Research</i> , 2015, 56, 288-299.	2.3	15
16	CUDC-907 reverses pathological phenotype of keloid fibroblasts <i>in vitro</i> and <i>in vivo</i> via dual inhibition of PI3K/Akt/mTOR signaling and HDAC2. <i>International Journal of Molecular Medicine</i> , 2019, 44, 1789-1800.	4.0	14
17	Asiatic Acid Glucosamine Salt Alleviates Ultraviolet B-induced Photoaging of Human Dermal Fibroblasts and Nude Mouse Skin. <i>Photochemistry and Photobiology</i> , 2020, 96, 124-138.	2.5	13
18	Impaired collagen fibril assembly in keloids with enhanced expression of lumican and collagen V. <i>Archives of Biochemistry and Biophysics</i> , 2021, 697, 108676.	3.0	10

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19	Important role of mechanical microenvironment on macrophage dysfunction during keloid pathogenesis. <i>Experimental Dermatology</i> , 2022, 31, 375-380.	2.9	9
20	Accelerated Bone Regeneration by Adrenomedullin 2 Through Improving the Coupling of Osteogenesis and Angiogenesis via β -Catenin Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 649277.	3.7	7
21	Aligned topography mediated cell elongation reverses pathological phenotype of <i>in vitro</i> cultured keloid fibroblasts. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1366-1378.	4.0	6
22	Synergistic effects of mechanical stimulation and crimped topography to stimulate natural collagen development for tendon engineering. <i>Acta Biomaterialia</i> , 2022, 145, 297-315.	8.3	6
23	Identification of two novel COL10A1 heterozygous mutations in two Chinese pedigrees with Schmid-type metaphyseal chondrodysplasia. <i>BMC Medical Genetics</i> , 2019, 20, 200.	2.1	5
24	Combined analyses of RNA-sequence and Hi-C along with GWAS loci: A novel approach to dissect keloid disorder genetic mechanism. <i>PLoS Genetics</i> , 2022, 18, e1010168.	3.5	5
25	Efficacy of the "Eiffel tower" double titanium elastic nailing in combined management of congenital pseudarthrosis of the tibia: preliminary outcomes of 17 cases with review of literature. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 490.	1.9	4
26	Salvage of severe knee osteoarthritis: efficacy of tibial condylar valgus osteotomy versus open wedge high tibial osteotomy. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 451.	2.3	3
27	Tissue chondrification and ossification in keloids with primary report of five cases. <i>International Wound Journal</i> , 2022, 19, 1860-1869.	2.9	2
28	Step-wise CAG@PLys@PDA-Cu ²⁺ modification on micropatterned nanofibers for programmed endothelial healing. <i>Bioactive Materials</i> , 2023, 25, 657-676.	15.6	2