Yejia Zhang

List of Publications by Year in descending order

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Υείια Ζηάνις

#	Article	IF	CITATIONS
1	Single cell transcriptomics identifies a unique adipose lineage cell population that regulates bone marrow environment. ELife, 2020, 9, .	6.0	191
2	Suppression of Sclerostin Alleviates Radiation-Induced Bone Loss by Protecting Bone-Forming Cells and Their Progenitors Through Distinct Mechanisms. Journal of Bone and Mineral Research, 2017, 32, 360-372.	2.8	88
3	PTH1–34 alleviates radiotherapy-induced local bone loss by improving osteoblast and osteocyte survival. Bone, 2014, 67, 33-40.	2.9	77
4	Cell therapy for the degenerating intervertebral disc. Translational Research, 2017, 181, 49-58.	5.0	67
5	Growth Factor Osteogenic Protein-1. American Journal of Physical Medicine and Rehabilitation, 2004, 83, 515-521.	1.4	60
6	COL6A3 Protein Deficiency in Mice Leads to Muscle and Tendon Defects Similar to Human Collagen VI Congenital Muscular Dystrophy. Journal of Biological Chemistry, 2013, 288, 14320-14331.	3.4	58
7	Histological Features of the Degenerating Intervertebral Disc in a Goat Disc-Injury Model. Spine, 2011, 36, 1519-1527.	2.0	57
8	Comparative Effects of Bone Morphogenetic Proteins and Sox9 Overexpression on Extracellular Matrix Metabolism of Bovine Nucleus Pulposus Cells. Spine, 2006, 31, 2173-2179.	2.0	54
9	PTH1–34 Blocks Radiation-induced Osteoblast Apoptosis by Enhancing DNA Repair through Canonical Wnt Pathway. Journal of Biological Chemistry, 2015, 290, 157-167.	3.4	51
10	Development of a standardized histopathology scoring system for intervertebral disc degeneration in rat models: An initiative of the <scp>ORS</scp> spine section. JOR Spine, 2021, 4, e1150.	3.2	49
11	Intervertebral Disk Repair by Protein, Gene, or Cell Injection: A Framework for Rehabilitationâ€Focused Biologics in the Spine. PM and R, 2011, 3, S88-94.	1.6	46
12	Comparative Effects of Bone Morphogenetic Proteins and Sox9 Overexpression on Matrix Accumulation by Bovine Anulus Fibrosus Cells. Spine, 2007, 32, 2515-2520.	2.0	44
13	Intervertebral Disc Cells Produce Interleukins Found in Patients with Back Pain. American Journal of Physical Medicine and Rehabilitation, 2016, 95, 407-415.	1.4	40
14	Antimicrobial Peptide Combined with BMP2-Modified Mesenchymal Stem Cells Promotes Calvarial Repair in an Osteolytic Model. Molecular Therapy, 2018, 26, 199-207.	8.2	39
15	Histological Features of Endplates of the Mammalian Spine. Spine, 2014, 39, E312-E317.	2.0	38
16	Cell Therapy Using Articular Chondrocytes Overexpressing BMP-7 or BMP-10 in a Rabbit Disc Organ Culture Model. Spine, 2008, 33, 831-838.	2.0	35
17	Transplantation of Goat Bone Marrow Stromal Cells to the Degenerating Intervertebral Discin a Goat Disc Injury Model. Spine, 2011, 36, 372-377.	2.0	35
18	Intervertebral Disc Degeneration in a Percutaneous Mouse Tail Injury Model. American Journal of Physical Medicine and Rehabilitation, 2018, 97, 170-177.	1.4	35

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19	Periosteal Mesenchymal Progenitor Dysfunction and Extraskeletally-Derived Fibrosis Contribute to Atrophic Fracture Nonunion. Journal of Bone and Mineral Research, 2019, 34, 520-532.	2.8	35
20	Human Umbilical Cord Blood–Derived Mesenchymal Stem Cells in the Cultured Rabbit Intervertebral Disc. American Journal of Physical Medicine and Rehabilitation, 2013, 92, 420-429.	1.4	34
21	Cytotoxicity of local anesthetics and nonionic contrast agents on bovine intervertebral disc cells cultured in a three-dimensional culture system. Spine Journal, 2014, 14, 491-498.	1.3	34
22	Transduced Bovine Articular Chondrocytes Affect the Metabolism of Cocultured Nucleus Pulposus Cells In Vitro: Implications for Chondrocyte Transplantation Into the Intervertebral Disc. Spine, 2005, 30, 2601-2607.	2.0	31
23	Biological Treatment for Degenerative Disc Disease. American Journal of Physical Medicine and Rehabilitation, 2008, 87, 694-702.	1.4	29
24	Fibronectin Fragments and the Cleaving Enzyme ADAM-8 in the Degenerative Human Intervertebral Disc. Spine, 2014, 39, 1274-1279.	2.0	27
25	Proteasome inhibitor bortezomib is a novel therapeutic agent for focal radiationâ€induced osteoporosis. FASEB Journal, 2018, 32, 52-62.	0.5	26
26	Quantitative MRI correlates with histological grade in a percutaneous needle injury mouse model of disc degeneration. Journal of Orthopaedic Research, 2018, 36, 2771-2779.	2.3	24
27	A comprehensive study of long-term skeletal changes after spinal cord injury in adult rats. Bone Research, 2015, 3, 15028.	11.4	22
28	Fibronectin Splicing Variants in Human Intervertebral Disc and Association With Disc Degeneration. Spine, 2010, 35, 1581-1588.	2.0	20
29	Allogeneic Articular Chondrocyte Transplantation Downregulates Interleukin 8 Gene Expression in the Degenerating Rabbit Intervertebral Disk In Vivo. American Journal of Physical Medicine and Rehabilitation, 2015, 94, 530-538.	1.4	20
30	Alpha 5 Integrin Mediates Osteoarthritic Changes in Mouse Knee Joints. PLoS ONE, 2016, 11, e0156783.	2.5	19
31	Intervertebral disc development and disease-related genetic polymorphisms. Genes and Diseases, 2016, 3, 171-177.	3.4	18
32	Therapeutic potential of TNFα inhibitors in chronic inflammatory disorders: Past and future. Genes and Diseases, 2021, 8, 38-47.	3.4	18
33	Primary Bovine Intervertebral Disc Cells Transduced with Adenovirus Overexpressing 12 BMPs and Sox9 Maintain Appropriate Phenotype. American Journal of Physical Medicine and Rehabilitation, 2009, 88, 455-463.	1.4	16
34	Fibronectin splice variation in human knee cartilage, meniscus and synovial membrane: Observations in osteoarthritic knee. Journal of Orthopaedic Research, 2015, 33, 556-562.	2.3	15
35	Cell Therapy with Human Dermal Fibroblasts Enhances Intervertebral Disk Repair and Decreases Inflammation in the Rabbit Model. Global Spine Journal, 2016, 6, 771-779.	2.3	14
36	Extracellular Matrix and Adhesion Molecule Gene Expression in the Normal and Injured Murine Intervertebral Disc. American Journal of Physical Medicine and Rehabilitation, 2019, 98, 35-42.	1.4	14

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37	The critical role of Hedgehog-responsive mesenchymal progenitors in meniscus development and injury repair. ELife, 2021, 10, .	6.0	14
38	Low-Dose Interleukin-1 Partially Counteracts Osteogenic Protein-1???Induced Proteoglycan Synthesis by Adult Bovine Intervertebral Disk Cells. American Journal of Physical Medicine and Rehabilitation, 2005, 84, 322-329.	1.4	12
39	A microwell-based impedance sensor on an insertable microneedle for real-time in vivo cytokine detection. Microsystems and Nanoengineering, 2021, 7, 96.	7.0	12
40	Spatial distribution of type II collagen gene expression in the mouse intervertebral disc. JOR Spine, 2019, 2, e1070.	3.2	10
41	Sensory Neurons and Fibers from Multiple Spinal Cord Levels Innervate the Rabbit Lumbar Disc. American Journal of Physical Medicine and Rehabilitation, 2006, 85, 865-871.	1.4	7
42	Elevated inflammatory gene expression in intervertebral disc tissues in mice with ADAM8 inactivated. Scientific Reports, 2021, 11, 1804.	3.3	7
43	Influence of Genetic Background and Sex on Gene Expression in the Mouse (Mus musculus) Tail in a Model of Intervertebral Disc Injury. Comparative Medicine, 2020, 70, 131-139.	1.0	5
44	Functional Deficits in Mice Expressing Human Interleukin 8. Comparative Medicine, 2020, 70, 205-215.	1.0	5
45	<scp>TNFAIP8</scp> family gene expressions in the mouse tail intervertebral disc injury model. JOR Spine, 2020, 3, e1093.	3.2	3
46	Cyclooxygenase-2 deficiency causes delayed ossification of lumbar vertebral endplates. American Journal of Translational Research (discontinued), 2018, 10, 718-730.	0.0	3
47	Biomarkers in the Degenerative Human Intervertebral Disc Tissue and Blood. American Journal of Physical Medicine and Rehabilitation, 2021, Publish Ahead of Print, .	1.4	2
48	Vertebral Benign Notochordal Cell Tumor (BNCT) as an Incidental Finding in Cervical Radiculitis. PM and R, 2015, 7, 1198-1200.	1.6	1
49	Expression of Human Interleukin 8 in Mice Alters Their Natural Behaviors. Journal of Inflammation Research, 2022, Volume 15, 2413-2424.	3.5	1