Minghao Zheng

List of Publications by Year
in descending order

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155 papers	7,654 citations	47 h-index	80 g-index
		47006	62596
175 all docs	175 docs citations	175 times ranked	8888 citing authors

#	Article	IF	Citations
1	Subchondral bone in osteoarthritis: insight into risk factors and microstructural changes. Arthritis Research and Therapy, 2013, 15, 223.	3.5	563
2	Scaffolds for tendon and ligament repair: review of the efficacy of commercial products. Expert Review of Medical Devices, 2009, 6, 61-73.	2.8	286
3	Gene Expression of Osteoprotegerin Ligand, Osteoprotegerin, and Receptor Activator of NF-Î²B in Giant Cell Tumor of Bone. American Journal of Pathology, 2000, 156, 761-767.	3.8	260
4	The Effectiveness of Platelet-Rich Plasma in the Treatment of Tendinopathy: A Meta-analysis of Randomized Controlled Clinical Trials. American Journal of Sports Medicine, 2017, 45, 226-233.	4.2	237
5	Mechanical Compression of Cartilage Explants Induces Multiple Time-dependent Gene Expression Patterns and Involves Intracellular Calcium and Cyclic AMP. Journal of Biological Chemistry, 2004, 279, 19502-19511.	3.4	212
6	NF-Î²B modulators in osteolytic bone diseases. Cytokine and Growth Factor Reviews, 2009, 20, 7-17.	7.2	205
7	Gene expression profiles of human chondrocytes during passaged monolayer cultivation. Journal of Orthopaedic Research, 2008, 26, 1230-1237.	2.3	175
8	Stepwise Differentiation of Human Embryonic Stem Cells Promotes Tendon Regeneration by Secreting Fetal Tendon Matrix and Differentiation Factors. Stem Cells, 2009, 27, 1276-1287.	3.2	172
9	Matrix-Induced Autologous Chondrocyte Implantation (MACIÂ®): Biological and Histological Assessment. Tissue Engineering, 2007, 13, 737-746.	4.6	164
10	Cloning, Sequencing, and Functional Characterization of the Rat Homologue of Receptor Activator of NF-Î²B Ligand. Journal of Bone and Mineral Research, 2000, 15, 2178-2186.	2.8	152
11	Intercellular mitochondrial transfer as a means of tissue revitalization. Signal Transduction and Targeted Therapy, 2021, 6, 65.	17.1	137
12	12-O-tetradecanoylphorbol-13-acetate (TPA) Inhibits Osteoclastogenesis by Suppressing RANKL-Induced NF-Î²B Activation. Journal of Bone and Mineral Research, 2003, 18, 2159-2168.	2.8	132
13	V-ATPases in osteoclasts: Structure, function and potential inhibitors of bone resorption. International Journal of Biochemistry and Cell Biology, 2012, 44, 1422-1435.	2.8	125
14	Effects of lead and cadmium exposure from electronic waste on child physical growth. Environmental Science and Pollution Research, 2013, 20, 4441-4447.	5.3	120
15	Do Postoperative Platelet-Rich Plasma Injections Accelerate Early Tendon Healing and Functional Recovery After Arthroscopic Supraspinatus Repair?. American Journal of Sports Medicine, 2015, 43, 1430-1437.	4.2	104
16	Autologous Tenocyte Therapy for Experimental Achilles Tendinopathy in a Rabbit Model. Tissue Engineering - Part A, 2011, 17, 2037-2048.	3.1	103
17	In vitro Evaluation of Natural Marine Sponge Collagen as a Scaffold for Bone Tissue Engineering. International Journal of Biological Sciences, 2011, 7, 968-977.	6.4	103
18	Programmable mechanical stimulation influences tendon homeostasis in a bioreactor system. Biotechnology and Bioengineering, 2013, 110, 1495-1507.	3.3	99

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19	Monitoring of lead load and its effect on neonatal behavioral neurological assessment scores in Guiyu, an electronic waste recycling town in China. Journal of Environmental Monitoring, 2008, 10, 1233.	2.1	97
20	Effects of Bafilomycin A1: An inhibitor of vacuolar H (+)-ATPases on endocytosis and apoptosis in RAW cells and RAW cell-derived osteoclasts. Journal of Cellular Biochemistry, 2003, 88, 1256-1264.	2.6	91
21	Naringin abrogates osteoclastogenesis and bone resorption via the inhibition of RANKL-induced NF-ÎºB and ERK activation. FEBS Letters, 2011, 585, 2755-2762.	2.8	89
22	Myocyte Enhancer Factor 2 and Microphthalmia-associated Transcription Factor Cooperate with NFATc1 to Transactivate the V-ATPase d2 Promoter during RANKL-induced Osteoclastogenesis. Journal of Biological Chemistry, 2009, 284, 14667-14676.	3.4	87
23	Rab3D Regulates a Novel Vesicular Trafficking Pathway That Is Required for Osteoclastic Bone Resorption. Molecular and Cellular Biology, 2005, 25, 5253-5269.	2.3	86
24	Sesquiterpene Lactone Parthenolide Blocks Lipopolysaccharide-Induced Osteolysis Through the Suppression of NF-ÎºB Activity. Journal of Bone and Mineral Research, 2004, 19, 1905-1916.	2.8	81
25	Bioreactor Design for Tendon/Ligament Engineering. Tissue Engineering - Part B: Reviews, 2013, 19, 133-146.	4.8	79
26	Efficacy of autologous bone marrow buffy coat grafting combined with core decompression in patients with avascular necrosis of femoral head: a prospective, double-blinded, randomized, controlled study. Stem Cell Research and Therapy, 2014, 5, 115.	5.5	79
27	Thapsigargin Modulates Osteoclastogenesis Through the Regulation of RANKL-Induced Signaling Pathways and Reactive Oxygen Species Production. Journal of Bone and Mineral Research, 2005, 20, 1462-1471.	2.8	77
28	The preoperative incidence of deep vein thrombosis (DVT) and its correlation with postoperative DVT in patients undergoing elective surgery for femoral neck fractures. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 1459-1464.	2.4	77
29	Exosomesâ€"the enigmatic regulators of bone homeostasis. Bone Research, 2018, 6, 36.	11.4	77
30	Autologous Tenocyte Injection for the Treatment of Severe, Chronic Resistant Lateral Epicondylitis. American Journal of Sports Medicine, 2013, 41, 2925-2932.	4.2	72
31	p62 Ubiquitin Binding-Associated Domain Mediated the Receptor Activator of Nuclear Factor-ÎºB Ligand-Induced Osteoclast Formation. American Journal of Pathology, 2006, 169, 503-514.	3.8	70
32	The Reliability and Validity of Magnetic Resonance Imaging in the Assessment of Chronic Lateral Epicondylitis. Journal of Hand Surgery, 2011, 36, 475-479.	1.6	70
33	Mangiferin attenuates osteoclastogenesis, bone resorption, and RANKLâ€induced activation of NFâ€ÎºB and ERK. Journal of Cellular Biochemistry, 2011, 112, 89-97.	2.6	69
34	Calcium/calmodulin-dependent kinase activity is required for efficient induction of osteoclast differentiation and bone resorption by receptor activator of nuclear factor kappa B ligand (RANKL). Journal of Cellular Physiology, 2007, 212, 787-795.	4.1	65
35	Caffeic acid phenethyl ester, an active component of honeybee propolis attenuates osteoclastogenesis and bone resorption via the suppression of RANKLâ€induced NFâ€ÎºB and NFAT activity. Journal of Cellular Physiology, 2009, 221, 642-649.	4.1	65
36	Fibrin sealant promotes migration and proliferation of human articular chondrocytes: possible involvement of thrombin and protease-activated receptors. International Journal of Molecular Medicine, 2006, 17, 551-8.	4.0	64

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37	Matrixâ€induced autologous chondrocyte implantation in sheep: objective assessments including confocal arthroscopy. Journal of Orthopaedic Research, 2008, 26, 292-303.	2.3	61
38	Proteasome inhibitors impair RANKLâ€induced NFâ€ÎºB activity in osteoclastâ€like cells via disruption of p62, TRAF6, CYLD, and IÎºBÎ± signaling cascades. Journal of Cellular Physiology, 2009, 220, 450-459.	4.1	61
39	Study of the collagen structure in the superficial zone and physiological state of articular cartilage using a 3D confocal imaging technique. Journal of Orthopaedic Surgery and Research, 2008, 3, 29.	2.3	57
40	Lateral Elbow Tendinopathy. Orthopaedic Journal of Sports Medicine, 2016, 4, 232596711667063.	1.7	57
41	In chronic lateral epicondylitis, apoptosis and autophagic cell death occur in the extensor carpi radialis brevis tendon. Journal of Shoulder and Elbow Surgery, 2010, 19, 355-362.	2.6	56
42	The composite of hydroxyapatite and calcium sulphate: a review of preclinical evaluation and clinical applications. Expert Review of Medical Devices, 2013, 10, 675-684.	2.8	56
43	Scaffolds for Tympanic Membrane Regeneration in Rats. Tissue Engineering - Part A, 2013, 19, 657-668.	3.1	54
44	Evidence for the Durability of Autologous Tenocyte Injection for Treatment of Chronic Resistant Lateral Epicondylitis. American Journal of Sports Medicine, 2015, 43, 1775-1783.	4.2	54
45	Pathogenesis and clinical management of obesity-related knee osteoarthritis: Impact of mechanical loading. Journal of Orthopaedic Translation, 2020, 24, 66-75.	3.9	54
46	Endoplasmic reticulum mediates mitochondrial transfer within the osteocyte dendritic network. Science Advances, 2019, 5, eaaw7215.	10.3	53
47	The prevention of titanium-particle-induced osteolysis by OA-14 through the suppression of the p38 signaling pathway and inhibition of osteoclastogenesis. Biomaterials, 2014, 35, 8937-8950.	11.4	51
48	3D uniaxial mechanical stimulation induces tenogenic differentiation of tendonâ€derived stem cells through a PI3K/AKT signaling pathway. FASEB Journal, 2018, 32, 4804-4814.	0.5	50
49	Sorting nexin 27 couples PTHR trafficking to retromer for signal regulation in osteoblasts during bone growth. Molecular Biology of the Cell, 2016, 27, 1367-1382.	2.1	48
50	Glucocorticoid impairs cell-cell communication by autophagy-mediated degradation of connexin 43 in osteocytes. Oncotarget, 2016, 7, 26966-26978.	1.8	48
51	Clinical outcomes after anterior cruciate ligament injury: panther symposium ACL injuryÂclinical outcomes consensus group. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 2415-2434.	4.2	47
52	In vitro loading models for tendon mechanobiology. Journal of Orthopaedic Research, 2018, 36, 566-575.	2.3	45
53	Cyclic mechanical stimulation rescues achilles tendon from degeneration in a bioreactor system. Journal of Orthopaedic Research, 2015, 33, 1888-1896.	2.3	44
54	Bioinspired Technologies to Connect Musculoskeletal Mechanobiology to the Person for Training and Rehabilitation. Frontiers in Computational Neuroscience, 2017, 11, 96.	2.1	44

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55	Gene expression of vascular endothelial growth factor in giant cell tumors of bone. Human Pathology, 2000, 31, 804-812.	2.0	43
56	Monocyte chemoattractant protein-1 gene expression in injured pig artery coincides with early appearance of infiltrating monocyte/macrophages. , 1996, 62, 303-313.		42
57	LIS1 Regulates Osteoclast Formation and Function through Its Interactions with Dynein/Dynactin and Plekhm1. PLoS ONE, 2011, 6, e27285.	2.5	42
58	SC-514, a selective inhibitor of IKKÎ² attenuates RANKL-induced osteoclastogenesis and NF-ÎºB activation. Biochemical Pharmacology, 2013, 86, 1775-1783.	4.4	42
59	Tympanic membrane repair using silk fibroin and acellular collagen scaffolds. Laryngoscope, 2013, 123, 1976-1982.	2.0	42
60	Fabrication of a silver nanoparticle-coated collagen membrane with anti-bacterial and anti-inflammatory activities for guided bone regeneration. Biomedical Materials (Bristol), 2018, 13, 065014.	3.3	42
61	Cytoplasmic Terminus of Vacuolar Type Proton Pump Accessory Subunit Ac45 Is Required for Proper Interaction with V0 Domain Subunits and Efficient Osteoclastic Bone Resorption. Journal of Biological Chemistry, 2008, 283, 13194-13204.	3.4	41
62	Sanguinarine inhibits osteoclast formation and bone resorption via suppressing RANKL-induced activation of NF-ÎºB and ERK signaling pathways. Biochemical and Biophysical Research Communications, 2013, 430, 951-956.	2.1	41
63	Detection of mRNA for carbonic anhydrase II in human osteoclast-like cells by in situ hybridization. Journal of Bone and Mineral Research, 1993, 8, 113-118.	2.8	40
64	The biocompatibility of silk fibroin and acellular collagen scaffolds for tissue engineering in the ear. Biomedical Materials (Bristol), 2014, 9, 015015.	3.3	40
65	Bone flap storage following craniectomy: a survey of practices in major Australian Neurosurgical centres. ANZ Journal of Surgery, 2011, 81, 137-141.	0.7	39
66	Treatment of Articular Cartilage Defects With Microfracture and Autologous Matrix-Induced Chondrogenesis Leads to Extensive Subchondral Bone Cyst Formation in a Sheep Model. American Journal of Sports Medicine, 2016, 44, 2629-2643.	4.2	39
67	Denosumab in Giant Cell Tumor of Bone: Current Status and Pitfalls. Frontiers in Oncology, 2020, 10, 580605.	2.8	39
68	Mismatch Between Proximal Rod Contouring and Proximal Junctional Angle. Spine, 2017, 42, E280-E287.	2.0	38
69	Cellular response and extracellular matrix breakdown in rotator cuff tendon rupture. Archives of Orthopaedic and Trauma Surgery, 2011, 131, 405-411.	2.4	37
70	Recombinant human bone morphogenetic protein-2 enhances expression of interleukin-6 and transforming growth factor-?1 genes in normal human osteoblast-like cells. Journal of Cellular Physiology, 1994, 159, 76-82.	4.1	36
71	A CURRENT REVIEW ON THE BIOLOGY AND TREATMENT OF ARTICULAR CARTILAGE DEFECTS (PART I & PART II). Journal of Musculoskeletal Research, 2003, 07, 157-181.	0.2	35
72	Horizontal fissuring at the osteochondral interface: a novel and unique pathological feature in patients with obesity-related osteoarthritis. Annals of the Rheumatic Diseases, 2020, 79, 811-818.	0.9	34

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73	Collagen Membrane for Guided Bone Regeneration in Dental and Orthopedic Applications. Tissue Engineering - Part A, 2021, 27, 372-381.	3.1	32
74	Influence of age and gender on microarchitecture and bone remodeling in subchondral bone of the osteoarthritic femoral head. Bone, 2015, 77, 91-97.	2.9	31
75	Alexidine Dihydrochloride Attenuates Osteoclast Formation and Bone Resorption and Protects Against LPS-Induced Osteolysis. Journal of Bone and Mineral Research, 2016, 31, 560-572.	2.8	31
76	The Potential Influence of Bone-Derived Modulators on the Progression of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2019, 69, 59-70.	2.6	30
77	Disruption of the dynein-dynactin complex unveils motor-specific functions in osteoclast formation and bone resorption. Journal of Bone and Mineral Research, 2013, 28, 119-134.	2.8	29
78	Finding the sweet spot via personalised Achilles tendon training: the future is within reach. British Journal of Sports Medicine, 2019, 53, 11-12.	6.7	28
79	Autogenous skull flaps stored frozen for more than 6 months: do they remain viable?. Journal of Clinical Neuroscience, 2011, 18, 1690-1693.	1.5	27
80	A conceptual framework for computational models of Achilles tendon homeostasis. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2013, 5, 523-538.	6.6	27
81	The biology and clinical evidence of microfracture in hip preservation surgery. Journal of Hip Preservation Surgery, 2016, 3, 108-123.	1.3	27
82	Receptor activator of NF-ÎºB mediates podocyte injury in diabetic nephropathy. Kidney International, 2021, 100, 377-390.	5.2	27
83	Versatile Roles of V-ATPases Accessory Subunit Ac45 in Osteoclast Formation and Function. PLoS ONE, 2011, 6, e27155.	2.5	27
84	Expression and localization of extracellular matrix metalloproteinase inducer in giant cell tumor of bone. Journal of Cellular Biochemistry, 2003, 89, 1154-1163.	2.6	26
85	Identical subchondral bone microarchitecture pattern with increasedÂbone resorption in rheumatoid arthritis as comparedÂtoÂosteoarthritis. Osteoarthritis and Cartilage, 2014, 22, 2083-2092.	1.3	26
86	miRâ€136â€3p targets PTEN to regulate vascularization and bone formation and ameliorates alcoholâ€induced osteopenia. FASEB Journal, 2020, 34, 5348-5362.	0.5	26
87	Biofabrication and Signaling Strategies for Tendon/Ligament Interfacial Tissue Engineering. ACS Biomaterials Science and Engineering, 2021, 7, 383-399.	5.2	26
88	Metabolic Syndrome and Deep Vein Thrombosis After Total Knee and Hip Arthroplasty. Journal of Arthroplasty, 2016, 31, 1322-1325.	3.1	25
89	Load-induced regulation of tendon homeostasis by SPARC, a genetic predisposition factor for tendon and ligament injuries. Science Translational Medicine, 2021, 13, .	12.4	25
90	Natural, synthetic and commercially-available biopolymers used to regenerate tendons and ligaments. Bioactive Materials, 2023, 19, 179-197.	15.6	25

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91	Thonzonium bromide inhibits RANKL-induced osteoclast formation and bone resorption in vitro and prevents LPS-induced bone loss in vivo. Biochemical Pharmacology, 2016, 104, 118-130.	4.4	24
92	The Immune Cell Landscape in Different Anatomical Structures of Knee in Osteoarthritis: A Gene Expression-Based Study. BioMed Research International, 2020, 2020, 1-21.	1.9	24
93	Carbonic anhydrase II gene transcript in cultured osteoclasts from neonatal rats: effect of calcitonin. Cell and Tissue Research, 1994, 276, 7-13.	2.9	23
94	Synthetic, biological and composite scaffolds for abdominal wall reconstruction. Expert Review of Medical Devices, 2011, 8, 275-288.	2.8	23
95	Loss of Protein Kinase C-Î´ Protects against LPS-Induced Osteolysis Owing to an Intrinsic Defect in Osteoclastic Bone Resorption. PLoS ONE, 2013, 8, e70815.	2.5	23
96	Collagen-Derived Biomaterials in Bone and Cartilage Repair. Macromolecular Symposia, 2007, 253, 179-185.	0.7	22
97	Transforaminal ligament may play a role in lumbar nerve root compression of foraminal stenosis. Medical Hypotheses, 2011, 77, 1148-1149.	1.5	22
98	Evidence of reciprocal regulation between the high extracellular calcium and RANKL signal transduction pathways in RAW cell derived osteoclasts. Journal of Cellular Physiology, 2005, 202, 554-562.	4.1	21
99	Replication studies in various ethnic populations do not support the association of the HIF-2Î± SNP rs17039192 with knee osteoarthritis. Nature Medicine, 2011, 17, 26-27.	30.7	21
100	Cardiolipin is required for membrane docking of mitochondrial ribosomes and protein synthesis. Journal of Cell Science, 2020, 133, .	2.0	21
101	Investigating lymphangiogenesis in vitro and in vivo using engineered human lymphatic vessel networks. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	21
102	Paclitaxel inhibits osteoclast formation and bone resorption via influencing mitotic cell cycle arrest and RANKLâ€induced activation of NFâ€ÎºB and ERK. Journal of Cellular Biochemistry, 2012, 113, 946-955.	2.6	20
103	The incidence of venous thromboembolism following total knee arthroplasty. Blood Coagulation and Fibrinolysis, 2016, 27, 266-269.	1.0	20
104	Natural Bone Collagen Scaffold Combined with Autologous Enriched Bone Marrow Cells for Induction of Osteogenesis in an Ovine Spinal Fusion Model. Tissue Engineering - Part A, 2009, 15, 3547-3558.	3.1	19
105	The Effectiveness of bFGF in the Treatment of Tympanic Membrane Perforations: A Systematic Review and Meta-Analysis. Otology and Neurotology, 2020, 41, 782-790.	1.3	19
106	Articular cartilage repair: procedures versus products. Expert Review of Medical Devices, 2007, 4, 373-392.	2.8	18
107	In-vivo organ engineering: Perfusion of hepatocytes in a single liver lobe scaffold of living rats. International Journal of Biochemistry and Cell Biology, 2016, 80, 124-131.	2.8	18
108	Autologous costal chondral transplantation and costa-derived chondrocyte implantation: emerging surgical techniques. Therapeutic Advances in Musculoskeletal Disease, 2019, 11, 1759720X1987713.	2.7	18

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109	Thapsigargin potentiates TRAIL-induced apoptosis in giant cell tumor of bone. Bone, 2004, 34, 971-981.	2.9	17
110	Host range of the potential biopesticide Pea Albumin 1b (PA1b) is limited to insects. Toxicon, 2014, 89, 67-76.	1.6	16
111	Tissue-Level Mechanosensitivity: Predicting and Controlling the Orientation of 3D Vascular Networks. Nano Letters, 2018, 18, 7698-7708.	9.1	16
112	Osteocytes but not osteoblasts directly build mineralized bone structures. International Journal of Biological Sciences, 2021, 17, 2430-2448.	6.4	16
113	A novel biocompatible polymeric blend for applications requiring high toughness and tailored degradation rate. Journal of Materials Chemistry B, 2021, 9, 2532-2546.	5.8	15
114	Liver progenitor cell interactions with the extracellular matrix. Journal of Tissue Engineering and Regenerative Medicine, 2012, 7, n/a-n/a.	2.7	14
115	A largeâ€scale replication study for the association of rs17039192 in HIFâ€2Î± with knee osteoarthritis. Journal of Orthopaedic Research, 2012, 30, 1244-1248.	2.3	14
116	10-year follow-up results of the prospective, double-blinded, randomized, controlled study on autologous bone marrow buffy coat grafting combined with core decompression in patients with avascular necrosis of the femoral head. Stem Cell Research and Therapy, 2020, 11, 287.	5.5	14
117	Histopathology of Femoral Head Donations: A Retrospective Review of 6161 Cases. Journal of Bone and Joint Surgery - Series A, 2011, 93, 1500-1509.	3.0	12
118	Early Pulmonary Complications following Total Knee Arthroplasty under General Anesthesia: A Prospective Cohort Study Using CT Scan. BioMed Research International, 2016, 2016, 1-5.	1.9	12
119	Surgical applications of intracorporal tissue adhesive agents: current evidence and future development. Expert Review of Medical Devices, 2020, 17, 443-460.	2.8	12
120	Acellular Collagen Scaffold With Basic Fibroblast Growth Factor for Repair of Traumatic Tympanic Membrane Perforation in a Rat Model. Otolaryngology - Head and Neck Surgery, 2021, 164, 381-390.	1.9	12
121	The deterioration of calcified cartilage integrity reflects the severity of osteoarthritisâ€”A structural, molecular, and biochemical analysis. FASEB Journal, 2022, 36, e22142.	0.5	12
122	Matrix-induced autologous chondrocyte implantation for the treatment of chondral defects of the knees in Chinese patients. Drug Design, Development and Therapy, 2014, 8, 2439.	4.3	11
123	The Effects of Transforming Growth Factor-Î²2 on Dopaminergic Graft Survival. Cell Transplantation, 2004, 13, 245-252.	2.5	10
124	Musculoskeletal tissue banking in Western Australia: review of the first tenâ€ƒyears. ANZ Journal of Surgery, 2005, 75, 665-671.	0.7	10
125	Recruitment of Brd3 and Brd4 to acetylated chromatin is essential for proinflammatory cytokine-induced matrix-degrading enzyme expression. Journal of Orthopaedic Surgery and Research, 2019, 14, 59.	2.3	10
126	Intramuscular injection of Botox causes tendon atrophy by induction of senescence of tendon-derived stem cells. Stem Cell Research and Therapy, 2021, 12, 38.	5.5	10

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127	Combining autologous bone marrow buffy coat and angioconductive bioceramic rod grafting with advanced core decompression improves short-term outcomes in early avascular necrosis of the femoral head: a prospective, randomized, comparative study. Stem Cell Research and Therapy, 2021, 12, 354.	5.5	10
128	The development of confocal arthroscopy as optical histology for rotator cuff tendinopathy. Journal of Microscopy, 2015, 259, 269-275.	1.8	9
129	Free Achilles tendon strain during selected rehabilitation, locomotor, jumping, and landing tasks. Journal of Applied Physiology, 2022, 132, 956-965.	2.5	9
130	Disulfiram Attenuates Osteoclast Differentiation In Vitro: A Potential Antiresorptive Agent. PLoS ONE, 2015, 10, e0125696.	2.5	8
131	Deep venous thrombosis in the nonoperated leg after primary major lower extremity arthroplasty. Blood Coagulation and Fibrinolysis, 2015, 26, 762-766.	1.0	8
132	Pretreatment of Cisplatin in Recipients Attenuates Post-Transplantation Pancreatitis in Murine Model. International Journal of Biological Sciences, 2012, 8, 298-309.	6.4	7
133	Bi-directional regulation of cartilage metabolism by inhibiting BET proteinsâ€"analysis of the effect of I-BET151 on human chondrocytes and murine joints. Journal of Orthopaedic Surgery and Research, 2018, 13, 118.	2.3	7
134	Applying a Three-dimensional Uniaxial Mechanical Stimulation Bioreactor System to Induce Tenogenic Differentiation of Tendon-Derived Stem Cells. Journal of Visualized Experiments, 2020, , .	0.3	7
135	Expression of caltrin in the baculovirus system and its purification in high yield and purity by cobalt (II) affinity chromatography. Protein Expression and Purification, 2003, 29, 284-290.	1.3	6
136	Highâ€resolution study of the 3D collagen fibrillary matrix of Achilles tendons without tissue labelling and dehydrating. Journal of Microscopy, 2017, 266, 273-287.	1.8	6
137	Arthroscopic autologous chondrocyte implantation in the glenohumeral joint: a case report. Journal of Shoulder and Elbow Surgery, 2018, 27, e300-e307.	2.6	6
138	Subchondral bone deterioration in femoral heads in patients with osteoarthritis secondary to hip dysplasia: A caseâ€"control study. Journal of Orthopaedic Translation, 2020, 24, 190-197.	3.9	6
139	Reduction of mechanical loading in tendons induces heterotopic ossification and activation of the Î²-catenin signaling pathway. Journal of Orthopaedic Translation, 2021, 29, 42-50.	3.9	6
140	A bio-inductive collagen scaffold that supports human primary tendon-derived cell growth for rotator cuff repair. Journal of Orthopaedic Translation, 2021, 31, 91-101.	3.9	6
141	CHALLENGES IN THE EVALUATION OF SAFETY AND EFFICACY OF HUMAN TISSUE AND CELL BASED PRODUCTS. ANZ Journal of Surgery, 2006, 76, 843-849.	0.7	5
142	MATRIX-INDUCED AUTOLOGOUS CHONDROCYTE IMPLANTATION FOR TREATMENT OF CHONDRAL DEFECTS OF KNEE: A PRELIMINARY REPORT. Journal of Musculoskeletal Research, 2006, 10, 95-101.	0.2	5
143	Confocal Arthroscopic Assessment of Osteoarthritis In Situ. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2008, 24, 423-429.	2.7	5
144	Natural bone collagen scaffold combined with OPâ€1 for bone formation induction in vivo. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 90B, 778-788.	3.4	5

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145	The burden of end-stage osteoarthritis in Australia: a population-based study on the incidence of total knee replacement attributable to overweight/obesity. Osteoarthritis and Cartilage, 2022, 30, 1254-1262.	1.3	5
146	TENDINOSIS OF THE ROTATOR CUFF: A REVIEW. Journal of Musculoskeletal Research, 2001, 05, 143-158.	0.2	4
147	MHC-mismatched mice liver transplantation promotes tumor growth in liver graft. Cancer Letters, 2014, 351, 162-171.	7.2	4
148	Proteoglycan 4 predicts tribological properties of repaired cartilage tissue. Theranostics, 2020, 10, 2538-2552.	10.0	4
149	In Vitro 3D Mechanical Stimulation to Tendon-Derived Stem Cells by Bioreactor. Methods in Molecular Biology, 2021, , 135-144.	0.9	4
150	The incidence of deep venous thrombosis before arthroscopy among patients suffering from high-energy knee trauma. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1717-1721.	4.2	3
151	A Less-Invasive Retroperitoneal Lumbar Approach. Clinical Spine Surgery, 2017, 30, 251-258.	1.3	2
152	EFFECTS OF GAMMA IRRADIATION ON THE MECHANICAL PROPERTIES OF HUMAN CORTICAL ALLOGRAFT BONE. , 2005, , 141-149.		2
153	Influence of Intra-Articular Administration of Trichostatin A on Autologous Osteochondral Transplantation in a Rabbit Model. BioMed Research International, 2015, 2015, 1-8.	1.9	1
154	INTERCELLULAR COMMUNICATION OF OSTEOBLAST AND OSTEOCLAST IN BONE DISEASES. , 2005, , 95-123.		1
155	Can Shoulder Arthroscopy Work? (CSAW) trial. Lancet, The, 2018, 392, 281.	13.7	0