

# Minghao Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7748391/publications.pdf>

Version: 2024-02-01

155  
papers

7,654  
citations

47006

47  
h-index

62596

80  
g-index

175  
all docs

175  
docs citations

175  
times ranked

8888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural, synthetic and commercially-available biopolymers used to regenerate tendons and ligaments. <i>Bioactive Materials</i> , 2023, 19, 179-197.	15.6	25
2	The deterioration of calcified cartilage integrity reflects the severity of osteoarthritis—A structural, molecular, and biochemical analysis. <i>FASEB Journal</i> , 2022, 36, e22142.	0.5	12
3	Free Achilles tendon strain during selected rehabilitation, locomotor, jumping, and landing tasks. <i>Journal of Applied Physiology</i> , 2022, 132, 956-965.	2.5	9
4	The burden of end-stage osteoarthritis in Australia: a population-based study on the incidence of total knee replacement attributable to overweight/obesity. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1254-1262.	1.3	5
5	Collagen Membrane for Guided Bone Regeneration in Dental and Orthopedic Applications. <i>Tissue Engineering - Part A</i> , 2021, 27, 372-381.	3.1	32
6	Acellular Collagen Scaffold With Basic Fibroblast Growth Factor for Repair of Traumatic Tympanic Membrane Perforation in a Rat Model. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 164, 381-390.	1.9	12
7	Intramuscular injection of Botox causes tendon atrophy by induction of senescence of tendon-derived stem cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 38.	5.5	10
8	A novel biocompatible polymeric blend for applications requiring high toughness and tailored degradation rate. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2532-2546.	5.8	15
9	Osteocytes but not osteoblasts directly build mineralized bone structures. <i>International Journal of Biological Sciences</i> , 2021, 17, 2430-2448.	6.4	16
10	Biofabrication and Signaling Strategies for Tendon/Ligament Interfacial Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 383-399.	5.2	26
11	Intercellular mitochondrial transfer as a means of tissue revitalization. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 65.	17.1	137
12	Load-induced regulation of tendon homeostasis by SPARC, a genetic predisposition factor for tendon and ligament injuries. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	25
13	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. <i>Stem Cell Research and Therapy</i> , 2021, 12, 354.	5.5	10
14	Investigating lymphangiogenesis in vitro and in vivo using engineered human lymphatic vessel networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	21
15	Reduction of mechanical loading in tendons induces heterotopic ossification and activation of the $\beta$ -catenin signaling pathway. <i>Journal of Orthopaedic Translation</i> , 2021, 29, 42-50.	3.9	6
16	Receptor activator of NF- $\kappa$ B mediates podocyte injury in diabetic nephropathy. <i>Kidney International</i> , 2021, 100, 377-390.	5.2	27
17	In Vitro 3D Mechanical Stimulation to Tendon-Derived Stem Cells by Bioreactor. <i>Methods in Molecular Biology</i> , 2021, , 135-144.	0.9	4
18	A bio-inductive collagen scaffold that supports human primary tendon-derived cell growth for rotator cuff repair. <i>Journal of Orthopaedic Translation</i> , 2021, 31, 91-101.	3.9	6

#	ARTICLE	IF	CITATIONS
19	Subchondral bone deterioration in femoral heads in patients with osteoarthritis secondary to hip dysplasia: A caseâ€“control study. <i>Journal of Orthopaedic Translation</i> , 2020, 24, 190-197.	3.9	6
20	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. <i>Stem Cell Research and Therapy</i> , 2020, 11, 287.	5.5	14
21	Clinical outcomes after anterior cruciate ligament injury: panther symposium ACL injuryâ€“clinical outcomes consensus group. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 2415-2434.	4.2	47
22	Denosumab in Giant Cell Tumor of Bone: Current Status and Pitfalls. <i>Frontiers in Oncology</i> , 2020, 10, 580605.	2.8	39
23	Pathogenesis and clinical management of obesity-related knee osteoarthritis: Impact of mechanical loading. <i>Journal of Orthopaedic Translation</i> , 2020, 24, 66-75.	3.9	54
24	Surgical applications of intracorporeal tissue adhesive agents: current evidence and future development. <i>Expert Review of Medical Devices</i> , 2020, 17, 443-460.	2.8	12
25	The Immune Cell Landscape in Different Anatomical Structures of Knee in Osteoarthritis: A Gene Expression-Based Study. <i>BioMed Research International</i> , 2020, 2020, 1-21.	1.9	24
26	Cardiolipin is required for membrane docking of mitochondrial ribosomes and protein synthesis. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	21
27	The Effectiveness of bFGF in the Treatment of Tympanic Membrane Perforations: A Systematic Review and Meta-Analysis. <i>Otology and Neurotology</i> , 2020, 41, 782-790.	1.3	19
28	miRâ€“136â€“3p targets PTEN to regulate vascularization and bone formation and ameliorates alcoholâ€“induced osteopenia. <i>FASEB Journal</i> , 2020, 34, 5348-5362.	0.5	26
29	Proteoglycan 4 predicts tribological properties of repaired cartilage tissue. <i>Theranostics</i> , 2020, 10, 2538-2552.	10.0	4
30	Horizontal fissuring at the osteochondral interface: a novel and unique pathological feature in patients with obesity-related osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 811-818.	0.9	34
31	Applying a Three-dimensional Uniaxial Mechanical Stimulation Bioreactor System to Induce Tenogenic Differentiation of Tendon-Derived Stem Cells. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	7
32	Finding the sweet spot via personalised Achilles tendon training: the future is within reach. <i>British Journal of Sports Medicine</i> , 2019, 53, 11-12.	6.7	28
33	Autologous costal chondral transplantation and costa-derived chondrocyte implantation: emerging surgical techniques. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2019, 11, 1759720X1987713.	2.7	18
34	Recruitment of Brd3 and Brd4 to acetylated chromatin is essential for proinflammatory cytokine-induced matrix-degrading enzyme expression. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 59.	2.3	10
35	The Potential Influence of Bone-Derived Modulators on the Progression of Alzheimerâ€“s Disease. <i>Journal of Alzheimerâ€“s Disease</i> , 2019, 69, 59-70.	2.6	30
36	Endoplasmic reticulum mediates mitochondrial transfer within the osteocyte dendritic network. <i>Science Advances</i> , 2019, 5, eaaw7215.	10.3	53

#	ARTICLE	IF	CITATIONS
37	In vitro loading models for tendon mechanobiology. <i>Journal of Orthopaedic Research</i> , 2018, 36, 566-575.	2.3	45
38	Tissue-Level Mechanosensitivity: Predicting and Controlling the Orientation of 3D Vascular Networks. <i>Nano Letters</i> , 2018, 18, 7698-7708.	9.1	16
39	Exosomes—the enigmatic regulators of bone homeostasis. <i>Bone Research</i> , 2018, 6, 36.	11.4	77
40	Fabrication of a silver nanoparticle-coated collagen membrane with anti-bacterial and anti-inflammatory activities for guided bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 065014.	3.3	42
41	3D uniaxial mechanical stimulation induces tenogenic differentiation of tendon-derived stem cells through a PI3K/AKT signaling pathway. <i>FASEB Journal</i> , 2018, 32, 4804-4814.	0.5	50
42	Bi-directional regulation of cartilage metabolism by inhibiting BET proteins—analysis of the effect of I-BET151 on human chondrocytes and murine joints. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 118.	2.3	7
43	Arthroscopic autologous chondrocyte implantation in the glenohumeral joint: a case report. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, e300-e307.	2.6	6
44	Can Shoulder Arthroscopy Work? (CSAW) trial. <i>Lancet, The</i> , 2018, 392, 281.	13.7	0
45	The Effectiveness of Platelet-Rich Plasma in the Treatment of Tendinopathy: A Meta-analysis of Randomized Controlled Clinical Trials. <i>American Journal of Sports Medicine</i> , 2017, 45, 226-233.	4.2	237
46	High-resolution study of the 3D collagen fibrillary matrix of Achilles tendons without tissue labelling and dehydrating. <i>Journal of Microscopy</i> , 2017, 266, 273-287.	1.8	6
47	Mismatch Between Proximal Rod Contouring and Proximal Junctional Angle. <i>Spine</i> , 2017, 42, E280-E287.	2.0	38
48	A Less-Invasive Retroperitoneal Lumbar Approach. <i>Clinical Spine Surgery</i> , 2017, 30, 251-258.	1.3	2
49	Bioinspired Technologies to Connect Musculoskeletal Mechanobiology to the Person for Training and Rehabilitation. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 96.	2.1	44
50	Early Pulmonary Complications following Total Knee Arthroplasty under General Anesthesia: A Prospective Cohort Study Using CT Scan. <i>BioMed Research International</i> , 2016, 2016, 1-5.	1.9	12
51	Alexidine Dihydrochloride Attenuates Osteoclast Formation and Bone Resorption and Protects Against LPS-Induced Osteolysis. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 560-572.	2.8	31
52	The incidence of venous thromboembolism following total knee arthroplasty. <i>Blood Coagulation and Fibrinolysis</i> , 2016, 27, 266-269.	1.0	20
53	In-vivo organ engineering: Perfusion of hepatocytes in a single liver lobe scaffold of living rats. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 80, 124-131.	2.8	18
54	The preoperative incidence of deep vein thrombosis (DVT) and its correlation with postoperative DVT in patients undergoing elective surgery for femoral neck fractures. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 1459-1464.	2.4	77

#	ARTICLE	IF	CITATIONS
55	Lateral Elbow Tendinopathy. Orthopaedic Journal of Sports Medicine, 2016, 4, 232596711667063.	1.7	57
56	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
57	The biology and clinical evidence of microfracture in hip preservation surgery. Journal of Hip Preservation Surgery, 2016, 3, 108-123.	1.3	27
58	Metabolic Syndrome and Deep Vein Thrombosis After Total Knee and Hip Arthroplasty. Journal of Arthroplasty, 2016, 31, 1322-1325.	3.1	25
59	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
60	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
61	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
62	Glucocorticoid impairs cell-cell communication by autophagy-mediated degradation of connexin 43 in osteocytes. Oncotarget, 2016, 7, 26966-26978.	1.8	48
63	The development of confocal arthroscopy as optical histology for rotator cuff tendinopathy. Journal of Microscopy, 2015, 259, 269-275.	1.8	9
64	Disulfiram Attenuates Osteoclast Differentiation In Vitro: A Potential Antiresorptive Agent. PLoS ONE, 2015, 10, e0125696.	2.5	8
65	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
66	Deep venous thrombosis in the nonoperated leg after primary major lower extremity arthroplasty. Blood Coagulation and Fibrinolysis, 2015, 26, 762-766.	1.0	8
67	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
68	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
69	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
70	Cyclic mechanical stimulation rescues achilles tendon from degeneration in a bioreactor system. Journal of Orthopaedic Research, 2015, 33, 1888-1896.	2.3	44
71	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
72	Host range of the potential biopesticide Pea Albumin 1b (PA1b) is limited to insects. Toxicon, 2014, 89, 67-76.	1.6	16

#	ARTICLE	IF	CITATIONS
73	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. <i>Stem Cell Research and Therapy</i> , 2014, 5, 115.	5.5	79
74	Identical subchondral bone microarchitecture pattern with increased bone resorption in rheumatoid arthritis as compared to osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 2083-2092.	1.3	26
75	The biocompatibility of silk fibroin and acellular collagen scaffolds for tissue engineering in the ear. <i>Biomedical Materials (Bristol)</i> , 2014, 9, 015015.	3.3	40
76	The prevention of titanium-particle-induced osteolysis by OA-14 through the suppression of the p38 signaling pathway and inhibition of osteoclastogenesis. <i>Biomaterials</i> , 2014, 35, 8937-8950.	11.4	51
77	MHC-mismatched mice liver transplantation promotes tumor growth in liver graft. <i>Cancer Letters</i> , 2014, 351, 162-171.	7.2	4
78	Effects of lead and cadmium exposure from electronic waste on child physical growth. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4441-4447.	5.3	120
79	Scaffolds for Tympanic Membrane Regeneration in Rats. <i>Tissue Engineering - Part A</i> , 2013, 19, 657-668.	3.1	54
80	Autologous Tenocyte Injection for the Treatment of Severe, Chronic Resistant Lateral Epicondylitis. <i>American Journal of Sports Medicine</i> , 2013, 41, 2925-2932.	4.2	72
81	The composite of hydroxyapatite and calcium sulphate: a review of preclinical evaluation and clinical applications. <i>Expert Review of Medical Devices</i> , 2013, 10, 675-684.	2.8	56
82	Subchondral bone in osteoarthritis: insight into risk factors and microstructural changes. <i>Arthritis Research and Therapy</i> , 2013, 15, 223.	3.5	563
83	Disruption of the dynein-dynactin complex unveils motor-specific functions in osteoclast formation and bone resorption. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 119-134.	2.8	29
84	SC-514, a selective inhibitor of IKK $\beta$ attenuates RANKL-induced osteoclastogenesis and NF- $\kappa$ B activation. <i>Biochemical Pharmacology</i> , 2013, 86, 1775-1783.	4.4	42
85	Sanguinarine inhibits osteoclast formation and bone resorption via suppressing RANKL-induced activation of NF- $\kappa$ B and ERK signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 951-956.	2.1	41
86	Bioreactor Design for Tendon/Ligament Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2013, 19, 133-146.	4.8	79
87	A conceptual framework for computational models of Achilles tendon homeostasis. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2013, 5, 523-538.	6.6	27
88	Tympanic membrane repair using silk fibroin and acellular collagen scaffolds. <i>Laryngoscope</i> , 2013, 123, 1976-1982.	2.0	42
89	Programmable mechanical stimulation influences tendon homeostasis in a bioreactor system. <i>Biotechnology and Bioengineering</i> , 2013, 110, 1495-1507.	3.3	99
90	Loss of Protein Kinase C- $\delta$ Protects against LPS-Induced Osteolysis Owing to an Intrinsic Defect in Osteoclastic Bone Resorption. <i>PLoS ONE</i> , 2013, 8, e70815.	2.5	23

#	ARTICLE	IF	CITATIONS
91	V-ATPases in osteoclasts: Structure, function and potential inhibitors of bone resorption. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1422-1435.	2.8	125
92	Pretreatment of Cisplatin in Recipients Attenuates Post-Transplantation Pancreatitis in Murine Model. <i>International Journal of Biological Sciences</i> , 2012, 8, 298-309.	6.4	7
93	Liver progenitor cell interactions with the extracellular matrix. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 7, n/a-n/a.	2.7	14
94	A large-scale replication study for the association of rs17039192 in HIF-2 $\alpha$ with knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1244-1248.	2.3	14
95	Paclitaxel inhibits osteoclast formation and bone resorption via influencing mitotic cell cycle arrest and RANKL-induced activation of NF- $\kappa$ B and ERK. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 946-955.	2.6	20
96	Autologous Tenocyte Therapy for Experimental Achilles Tendinopathy in a Rabbit Model. <i>Tissue Engineering - Part A</i> , 2011, 17, 2037-2048.	3.1	103
97	Transforaminal ligament may play a role in lumbar nerve root compression of foraminal stenosis. <i>Medical Hypotheses</i> , 2011, 77, 1148-1149.	1.5	22
98	Autogenous skull flaps stored frozen for more than 6 months: do they remain viable?. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1690-1693.	1.5	27
99	The Reliability and Validity of Magnetic Resonance Imaging in the Assessment of Chronic Lateral Epicondylitis. <i>Journal of Hand Surgery</i> , 2011, 36, 475-479.	1.6	70
100	<i>In vitro</i> Evaluation of Natural Marine Sponge Collagen as a Scaffold for Bone Tissue Engineering. <i>International Journal of Biological Sciences</i> , 2011, 7, 968-977.	6.4	103
101	LIS1 Regulates Osteoclast Formation and Function through Its Interactions with Dynein/Dynactin and Plekha7. <i>PLoS ONE</i> , 2011, 6, e27285.	2.5	42
102	Histopathology of Femoral Head Donations: A Retrospective Review of 6161 Cases. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1500-1509.	3.0	12
103	Bone flap storage following craniectomy: a survey of practices in major Australian Neurosurgical centres. <i>ANZ Journal of Surgery</i> , 2011, 81, 137-141.	0.7	39
104	Replication studies in various ethnic populations do not support the association of the HIF-2 $\alpha$ SNP rs17039192 with knee osteoarthritis. <i>Nature Medicine</i> , 2011, 17, 26-27.	30.7	21
105	Naringin abrogates osteoclastogenesis and bone resorption via the inhibition of RANKL-induced NF- $\kappa$ B and ERK activation. <i>FEBS Letters</i> , 2011, 585, 2755-2762.	2.8	89
106	Cellular response and extracellular matrix breakdown in rotator cuff tendon rupture. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 405-411.	2.4	37
107	Mangiferin attenuates osteoclastogenesis, bone resorption, and RANKL-induced activation of NF- $\kappa$ B and ERK. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 89-97.	2.6	69
108	Synthetic, biological and composite scaffolds for abdominal wall reconstruction. <i>Expert Review of Medical Devices</i> , 2011, 8, 275-288.	2.8	23

#	ARTICLE	IF	CITATIONS
109	Versatile Roles of V-ATPases Accessory Subunit Ac45 in Osteoclast Formation and Function. PLoS ONE, 2011, 6, e27155.	2.5	27
110	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
111	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
112	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
113	Natural bone collagen scaffold combined with OP-1 for bone formation induction <i>in vivo</i> . Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 90B, 778-788.	3.4	5
114	Proteasome inhibitors impair RANKL-induced NF- $\kappa$ B activity in osteoclast-like cells via disruption of p62, TRAF6, CYLD, and I $\kappa$ B signaling cascades. Journal of Cellular Physiology, 2009, 220, 450-459.	4.1	61
115	Caffeic acid phenethyl ester, an active component of honeybee propolis attenuates osteoclastogenesis and bone resorption via the suppression of RANKL-induced NF- $\kappa$ B and NFAT activity. Journal of Cellular Physiology, 2009, 221, 642-649.	4.1	65
116	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
117	NF- $\kappa$ B modulators in osteolytic bone diseases. Cytokine and Growth Factor Reviews, 2009, 20, 7-17.	7.2	205
118	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
119	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
120	Matrix-induced autologous chondrocyte implantation in sheep: objective assessments including confocal arthroscopy. Journal of Orthopaedic Research, 2008, 26, 292-303.	2.3	61
121	Gene expression profiles of human chondrocytes during passaged monolayer cultivation. Journal of Orthopaedic Research, 2008, 26, 1230-1237.	2.3	175
122	Confocal Arthroscopic Assessment of Osteoarthritis In Situ. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2008, 24, 423-429.	2.7	5
123	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
124	Cytoplasmic Terminus of Vacuolar Type Proton Pump Accessory Subunit Ac45 Is Required for Proper Interaction with VO Domain Subunits and Efficient Osteoclastic Bone Resorption. Journal of Biological Chemistry, 2008, 283, 13194-13204.	3.4	41
125	Matrix-Induced Autologous Chondrocyte Implantation (MACI <sup>®</sup> ): Biological and Histological Assessment. Tissue Engineering, 2007, 13, 737-746.	4.6	164
126	Articular cartilage repair: procedures versus products. Expert Review of Medical Devices, 2007, 4, 373-392.	2.8	18



#	ARTICLE	IF	CITATIONS
127	Collagen-Derived Biomaterials in Bone and Cartilage Repair. <i>Macromolecular Symposia</i> , 2007, 253, 179-185.	0.7	22
128	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). <i>Journal of Cellular Physiology</i> , 2007, 212, 787-795.	4.1	65
129	p62 Ubiquitin Binding-Associated Domain Mediated the Receptor Activator of Nuclear Factor- $\kappa$ B Ligand-Induced Osteoclast Formation. <i>American Journal of Pathology</i> , 2006, 169, 503-514.	3.8	70
130	CHALLENGES IN THE EVALUATION OF SAFETY AND EFFICACY OF HUMAN TISSUE AND CELL BASED PRODUCTS. <i>ANZ Journal of Surgery</i> , 2006, 76, 843-849.	0.7	5
131	MATRIX-INDUCED AUTOLOGOUS CHONDROCYTE IMPLANTATION FOR TREATMENT OF CHONDRAL DEFECTS OF KNEE: A PRELIMINARY REPORT. <i>Journal of Musculoskeletal Research</i> , 2006, 10, 95-101.	0.2	5
132	Fibrin sealant promotes migration and proliferation of human articular chondrocytes: possible involvement of thrombin and protease-activated receptors. <i>International Journal of Molecular Medicine</i> , 2006, 17, 551-8.	4.0	64
133	Thapsigargin Modulates Osteoclastogenesis Through the Regulation of RANKL-Induced Signaling Pathways and Reactive Oxygen Species Production. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1462-1471.	2.8	77
134	Musculoskeletal tissue banking in Western Australia: review of the first ten years. <i>ANZ Journal of Surgery</i> , 2005, 75, 665-671.	0.7	10
135	Evidence of reciprocal regulation between the high extracellular calcium and RANKL signal transduction pathways in RAW cell derived osteoclasts. <i>Journal of Cellular Physiology</i> , 2005, 202, 554-562.	4.1	21
136	Rab3D Regulates a Novel Vesicular Trafficking Pathway That Is Required for Osteoclastic Bone Resorption. <i>Molecular and Cellular Biology</i> , 2005, 25, 5253-5269.	2.3	86
137	INTERCELLULAR COMMUNICATION OF OSTEOBLAST AND OSTEOCLAST IN BONE DISEASES. , 2005, , 95-123.		1
138	EFFECTS OF GAMMA IRRADIATION ON THE MECHANICAL PROPERTIES OF HUMAN CORTICAL ALLOGRAFT BONE. , 2005, , 141-149.		2
139	Mechanical Compression of Cartilage Explants Induces Multiple Time-dependent Gene Expression Patterns and Involves Intracellular Calcium and Cyclic AMP. <i>Journal of Biological Chemistry</i> , 2004, 279, 19502-19511.	3.4	212
140	Sesquiterpene Lactone Parthenolide Blocks Lipopolysaccharide-Induced Osteolysis Through the Suppression of NF- $\kappa$ B Activity. <i>Journal of Bone and Mineral Research</i> , 2004, 19, 1905-1916.	2.8	81
141	Thapsigargin potentiates TRAIL-induced apoptosis in giant cell tumor of bone. <i>Bone</i> , 2004, 34, 971-981.	2.9	17
142	The Effects of Transforming Growth Factor- $\beta$ 2 on Dopaminergic Graft Survival. <i>Cell Transplantation</i> , 2004, 13, 245-252.	2.5	10
143	12-O-tetradecanoylphorbol-13-acetate (TPA) Inhibits Osteoclastogenesis by Suppressing RANKL-Induced NF- $\kappa$ B Activation. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 2159-2168.	2.8	132
144	Effects of Bafilomycin A1: An inhibitor of vacuolar H (+)-ATPases on endocytosis and apoptosis in RAW cells and RAW cell-derived osteoclasts. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 1256-1264.	2.6	91

#	ARTICLE	IF	CITATIONS
145	Expression and localization of extracellular matrix metalloproteinase inducer in giant cell tumor of bone. <i>Journal of Cellular Biochemistry</i> , 2003, 89, 1154-1163.	2.6	26
146	Expression of caltrin in the baculovirus system and its purification in high yield and purity by cobalt (II) affinity chromatography. <i>Protein Expression and Purification</i> , 2003, 29, 284-290.	1.3	6
147	A CURRENT REVIEW ON THE BIOLOGY AND TREATMENT OF ARTICULAR CARTILAGE DEFECTS (PART I & PART II). <i>Journal of Musculoskeletal Research</i> , 2003, 07, 157-181.	0.2	35
148	TENDINOSIS OF THE ROTATOR CUFF: A REVIEW. <i>Journal of Musculoskeletal Research</i> , 2001, 05, 143-158.	0.2	4
149	Cloning, Sequencing, and Functional Characterization of the Rat Homologue of Receptor Activator of NF- $\kappa$ B Ligand. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 2178-2186.	2.8	152
150	Gene Expression of Osteoprotegerin Ligand, Osteoprotegerin, and Receptor Activator of NF- $\kappa$ B in Giant Cell Tumor of Bone. <i>American Journal of Pathology</i> , 2000, 156, 761-767.	3.8	260
151	Gene expression of vascular endothelial growth factor in giant cell tumors of bone. <i>Human Pathology</i> , 2000, 31, 804-812.	2.0	43
152	Monocyte chemoattractant protein-1 gene expression in injured pig artery coincides with early appearance of infiltrating monocyte/macrophages. , 1996, 62, 303-313.		42
153	Recombinant human bone morphogenetic protein-2 enhances expression of interleukin-6 and transforming growth factor- $\beta$ 1 genes in normal human osteoblast-like cells. <i>Journal of Cellular Physiology</i> , 1994, 159, 76-82.	4.1	36
154	Carbonic anhydrase II gene transcript in cultured osteoclasts from neonatal rats: effect of calcitonin. <i>Cell and Tissue Research</i> , 1994, 276, 7-13.	2.9	23
155	Detection of mRNA for carbonic anhydrase II in human osteoclast-like cells by in situ hybridization. <i>Journal of Bone and Mineral Research</i> , 1993, 8, 113-118.	2.8	40