

Gang Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

266
papers

10,446
citations

55
h-index

88
g-index

296
ext. papers

12,106
ext. citations

6.4
avg, IF

6.29
L-index

#	Paper	IF	Citations
266	Cranial Bone Transport Promotes Angiogenesis, Neurogenesis, and Modulates Meningeal Lymphatic Function in Middle Cerebral Artery Occlusion Rats.. <i>Stroke</i> , 2022 , STROKEAHA121037912	6.7	0
265	Human pluripotent stem cell-derived ectomesenchymal stromal cells promote more robust functional recovery than umbilical cord-derived mesenchymal stromal cells after hypoxic-ischaemic brain damage.. <i>Theranostics</i> , 2022 , 12, 143-166	12.1	4
264	Bisphosphonate-based hydrogel mediates biomimetic negative feedback regulation of osteoclastic activity to promote bone regeneration.. <i>Bioactive Materials</i> , 2022 , 13, 9-22	16.7	2
263	Nonwoven-based gelatin/polycaprolactone membrane loaded with ERK inhibitor U0126 for treatment of tendon defects.. <i>Stem Cell Research and Therapy</i> , 2022 , 13, 5	8.3	0
262	Intracellular pH-responsive iron-catechin nanoparticles with osteogenic/anti-adipogenic and immunomodulatory effects for efficient bone repair. <i>Nano Research</i> , 2022 , 15, 1153	10	5
261	Tibial cortex transverse transport accelerates wound healing via enhanced angiogenesis and immunomodulation.. <i>Bone and Joint Research</i> , 2022 , 11, 189-199	4.2	0
260	MicroRNA-378 contributes to osteoarthritis by regulating chondrocyte autophagy and bone marrow mesenchymal stem cell chondrogenesis.. <i>Molecular Therapy - Nucleic Acids</i> , 2022 , 28, 328-341	10.7	2
259	Sesamin Promotes Osteoporotic Fracture Healing by Activating Chondrogenesis and Angiogenesis Pathways. <i>Nutrients</i> , 2022 , 14, 2106	6.7	2
258	Biomaterial-mediated presentation of wnt5a mimetic ligands enhances chondrogenesis and metabolism of stem cells by activating non-canonical Wnt signaling.. <i>Biomaterials</i> , 2021 , 281, 121316	15.6	2
257	Regulation of stem cell fate using nanostructure-mediated physical signals. <i>Chemical Society Reviews</i> , 2021 , 50, 12828-12872	58.5	6
256	Development of modified Ilizarov hip reconstruction surgery for hip dysfunction treatment in adolescent and young adults. <i>Journal of Orthopaedic Translation</i> , 2021 , 27, 90-95	4.2	0
255	Deletion of SIRT3 inhibits osteoclastogenesis and alleviates aging or estrogen deficiency-induced bone loss in female mice. <i>Bone</i> , 2021 , 144, 115827	4.7	6
254	Overview of methods for enhancing bone regeneration in distraction osteogenesis: Potential roles of biometals. <i>Journal of Orthopaedic Translation</i> , 2021 , 27, 110-118	4.2	10
253	Vasoactive Intestinal Peptide Promotes Fracture Healing in Sympathectomized Mice. <i>Calcified Tissue International</i> , 2021 , 109, 55-65	3.9	3
252	Calcitonin Gene-Related Peptide Enhances Distraction Osteogenesis by Increasing Angiogenesis. <i>Tissue Engineering - Part A</i> , 2021 , 27, 87-102	3.9	22
251	Surface decoration of development-inspired synthetic N-cadherin motif via Ac-BP promotes osseointegration of metal implants. <i>Bioactive Materials</i> , 2021 , 6, 1353-1364	16.7	5
250	Microscopic local stiffening in a supramolecular hydrogel network expedites stem cell mechanosensing in 3D and bone regeneration. <i>Materials Horizons</i> , 2021 , 8, 1722-1734	14.4	23

249	Conditioned media from endothelial progenitor cells cultured in simulated microgravity promote angiogenesis and bone fracture healing. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 47	8.3	9
248	De-osteogenic-differentiated mesenchymal stem cells accelerate fracture healing by mir-92b. <i>Journal of Orthopaedic Translation</i> , 2021 , 27, 25-32	4.2	6
247	Local administration of allogeneic or autologous bone marrow-derived mesenchymal stromal cells enhances bone formation similarly in distraction osteogenesis. <i>Cytotherapy</i> , 2021 , 23, 590-598	4.8	2
246	Dynamic regulation of mitochondrial-endoplasmic reticulum crosstalk during stem cell homeostasis and aging. <i>Cell Death and Disease</i> , 2021 , 12, 794	9.8	1
245	Automated Optical Tweezers Manipulation to Transfer Mitochondria from Fetal to Adult MSCs to Improve Antiaging Gene Expressions. <i>Small</i> , 2021 , 17, e2103086	11	3
244	Biodegradable magnesium combined with distraction osteogenesis synergistically stimulates bone tissue regeneration via CGRP-FAK-VEGF signaling axis. <i>Biomaterials</i> , 2021 , 275, 120984	15.6	11
243	Hydroxysafflor yellow A promotes osteogenesis and bone development via epigenetically regulating β catenin and prevents ovariectomy-induced bone loss. <i>International Journal of Biochemistry and Cell Biology</i> , 2021 , 137, 106033	5.6	1
242	Asiatic acid protects articular cartilage through promoting chondrogenesis and inhibiting inflammation and hypertrophy in osteoarthritis. <i>European Journal of Pharmacology</i> , 2021 , 907, 174265	5.3	5
241	Rejuvenated ageing mesenchymal stem cells by stepwise preconditioning ameliorates surgery-induced osteoarthritis in rabbits. <i>Bone and Joint Research</i> , 2021 , 10, 10-21	4.2	3
240	DANCR Mediates the Rescuing Effects of Sesamin on Postmenopausal Osteoporosis Treatment via Orchestrating Osteogenesis and Osteoclastogenesis.. <i>Nutrients</i> , 2021 , 13,	6.7	3
239	High slew rate pulsed electromagnetic field enhances bone consolidation and shortens daily treatment duration in distraction osteogenesis. <i>Bone and Joint Research</i> , 2021 , 10, 767-779	4.2	0
238	Biomaterial-Mediated Presentation of Jagged-1 Mimetic Ligand Enhances Cellular Activation of Notch Signaling and Bone Regeneration.. <i>ACS Nano</i> , 2021 ,	16.7	2
237	The effects of tubular structure on biomaterial aided bone regeneration in distraction osteogenesis. <i>Journal of Orthopaedic Translation</i> , 2020 , 25, 80-86	4.2	3
236	Molecular Insights Into Lysyl Oxidases in Cartilage Regeneration and Rejuvenation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 359	5.8	5
235	Friend or Foe? Essential Roles of Osteoclast in Maintaining Skeletal Health. <i>BioMed Research International</i> , 2020 , 2020, 4791786	3	5
234	Administration of allogeneic mesenchymal stem cells in lengthening phase accelerates early bone consolidation in rat distraction osteogenesis model. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 129	8.3	7
233	Vasoactive Intestinal Peptide Stimulates Bone Marrow-Mesenchymal Stem Cells Osteogenesis Differentiation by Activating Wnt/ β Catenin Signaling Pathway and Promotes Rat Skull Defect Repair. <i>Stem Cells and Development</i> , 2020 , 29, 655-666	4.4	22
232	Stem Cells and Cartilage Regeneration 2020 , 746-756		

231	Stearic acid methyl ester promotes migration of mesenchymal stem cells and accelerates cartilage defect repair. <i>Journal of Orthopaedic Translation</i> , 2020 , 22, 81-91	4.2	5
230	Functionalized Polycaprolactone/Hydroxyapatite Composite Microspheres for Promoting Bone Consolidation in a Rat Distraction Osteogenesis Model. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 961-971	3.8	3
229	MicroRNA-378 Suppressed Osteogenesis of MSCs and Impaired Bone Formation via Inactivating Wnt/ β Catenin Signaling. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 21, 1017-1028	10.7	23
228	Function study of vasoactive intestinal peptide on chick embryonic bone development. <i>Neuropeptides</i> , 2020 , 83, 102077	3.3	2
227	Functional crosstalk between mTORC1/p70S6K pathway and heterochromatin organization in stress-induced senescence of MSCs. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 279	8.3	13
226	The Roles of H19 in Regulating Inflammation and Aging. <i>Frontiers in Immunology</i> , 2020 , 11, 579687	8.4	7
225	A novel pulsed electromagnetic field promotes distraction osteogenesis via enhancing osteogenesis and angiogenesis in a rat model. <i>Journal of Orthopaedic Translation</i> , 2020 , 25, 87-95	4.2	5
224	An update to the advances in understanding distraction histogenesis: From biological mechanisms to novel clinical applications. <i>Journal of Orthopaedic Translation</i> , 2020 , 25, 3-10	4.2	7
223	How to perform minimally invasive tibial cortex transverse transport surgery. <i>Journal of Orthopaedic Translation</i> , 2020 , 25, 28-32	4.2	2
222	Chinese Association of Orthopaedic Surgeons (CAOS) clinical guideline for the treatment of diabetic foot ulcers using tibial cortex transverse transport technique (version 2020). <i>Journal of Orthopaedic Translation</i> , 2020 , 25, 11-16	4.2	5
221	Highly Permeable Gelatin/Poly(lactic acid) Fibrous Scaffolds with a Three-Dimensional Spatial Structure for Efficient Cell Infiltration, Mineralization and Bone Regeneration.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 6932-6943	4.1	4
220	PBX homeobox 1 enhances hair follicle mesenchymal stem cell proliferation and reprogramming through activation of the AKT/glycogen synthase kinase signaling pathway and suppression of apoptosis. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 268	8.3	13
219	Impaired function of tendon-derived stem cells in experimental diabetes mellitus rat tendons: implications for cellular mechanism of diabetic tendon disorder. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 27	8.3	11
218	Mesenchymal Stem Cells and Cancer: Clinical Challenges and Opportunities. <i>BioMed Research International</i> , 2019 , 2019, 2820853	3	62
217	Conformational manipulation of scale-up prepared single-chain polymeric nanogels for multiscale regulation of cells. <i>Nature Communications</i> , 2019 , 10, 2705	17.4	37
216	Characterisation of multipotent stem cells from human peripheral blood using an improved protocol. <i>Journal of Orthopaedic Translation</i> , 2019 , 19, 18-28	4.2	12
215	Lgr5-overexpressing mesenchymal stem cells augment fracture healing through regulation of Wnt/ERK signaling pathways and mitochondrial dynamics. <i>FASEB Journal</i> , 2019 , 33, 8565-8577	0.9	18
214	Injectable stem cell-laden supramolecular hydrogels enhance in situ osteochondral regeneration via the sustained co-delivery of hydrophilic and hydrophobic chondrogenic molecules. <i>Biomaterials</i> , 2019 , 210, 51-61	15.6	108

213	Immunoregulation of macrophages by dynamic ligand presentation via ligand-cation coordination. <i>Nature Communications</i> , 2019 , 10, 1696	17.4	58
212	Huo Xue Tong Luo capsule ameliorates osteonecrosis of femoral head through inhibiting lncRNA-Miat. <i>Journal of Ethnopharmacology</i> , 2019 , 238, 111862	5	16
211	MiR-378a suppresses tenogenic differentiation and tendon repair by targeting at TGF- β . <i>Stem Cell Research and Therapy</i> , 2019 , 10, 108	8.3	9
210	Direct assembly of anticancer drugs to form Laponite-based nanocomplexes for therapeutic co-delivery. <i>Materials Science and Engineering C</i> , 2019 , 99, 1407-1414	8.3	8
209	Anisotropic Ligand Nanogeometry Modulates the Adhesion and Polarization State of Macrophages. <i>Nano Letters</i> , 2019 , 19, 1963-1975	11.5	32
208	A novel protocol for isolation and culture of multipotent progenitor cells from human urine. <i>Journal of Orthopaedic Translation</i> , 2019 , 19, 12-17	4.2	2
207	Lgr5 in cancer biology: functional identification of Lgr5 in cancer progression and potential opportunities for novel therapy. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 219	8.3	23
206	Asiatic Acid Attenuates Bone Loss by Regulating Osteoclastic Differentiation. <i>Calcified Tissue International</i> , 2019 , 105, 531-545	3.9	6
205	Elevated H3K27ac in aged skeletal muscle leads to increase in extracellular matrix and fibrogenic conversion of muscle satellite cells. <i>Aging Cell</i> , 2019 , 18, e12996	9.9	20
204	MiR-539-5p negatively regulates migration of rMSCs induced by Bushen Huoxue decoction through targeting Wnt5a. <i>International Journal of Medical Sciences</i> , 2019 , 16, 998-1006	3.7	3
203	Synthetic presentation of noncanonical Wnt5a motif promotes mechanosensing-dependent differentiation of stem cells and regeneration. <i>Science Advances</i> , 2019 , 5, eaaw3896	14.3	40
202	The Potential Roles of Tendon Stem/Progenitor Cells in Tendon Aging. <i>Current Stem Cell Research and Therapy</i> , 2019 , 14, 34-42	3.6	12
201	KDM3A and KDM4C Regulate Mesenchymal Stromal Cell Senescence and Bone Aging via Condensin-mediated Heterochromatin Reorganization. <i>IScience</i> , 2019 , 21, 375-390	6.1	23
200	NANOG Attenuates Hair Follicle-Derived Mesenchymal Stem Cell Senescence by Upregulating PBX1 and Activating AKT Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 4286213	6.7	16
199	Involvement of tumor necrosis factor alpha in steroid-associated osteonecrosis of the femoral head: friend or foe?. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 5	8.3	13
198	Calcium Spike Patterns Reveal Linkage of Electrical Stimulus and MSC Osteogenic Differentiation. <i>IEEE Transactions on Nanobioscience</i> , 2019 , 18, 3-9	3.4	3
197	Anisotropic Nanoscale Presentation of Cell Adhesion Ligand Enhances the Recruitment of Diverse Integrins in Adhesion Structures and Mechanosensing-Dependent Differentiation of Stem Cells. <i>Advanced Functional Materials</i> , 2019 , 29, 1806822	15.6	26
196	Sox11-modified mesenchymal stem cells accelerate cartilage defect repair in SD rats. <i>Cell and Tissue Research</i> , 2019 , 376, 247-255	4.2	8

195	PLGA/βTCP composite scaffold incorporating salvianolic acid B promotes bone fusion by angiogenesis and osteogenesis in a rat spinal fusion model. <i>Biomaterials</i> , 2019 , 196, 109-121	15.6	41
194	MicroRNA-218 Promotes Osteogenic Differentiation of Mesenchymal Stem Cells and Accelerates Bone Fracture Healing. <i>Calcified Tissue International</i> , 2018 , 103, 227-236	3.9	22
193	Remote Control of Heterodimeric Magnetic Nanoswitch Regulates the Adhesion and Differentiation of Stem Cells. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5909-5913	16.4	50
192	Concise Review: Stem Cell Fate Guided By Bioactive Molecules for Tendon Regeneration. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 404-414	6.9	26
191	Bioadhesive Polymersome for Localized and Sustained Drug Delivery at Pathological Sites with Harsh Enzymatic and Fluidic Environment via Supramolecular Host-Guest Complexation. <i>Small</i> , 2018 , 14, 1702288	11	29
190	Comparing the osteoconductive potential between tubular and cylindrical beta-tricalcium phosphate scaffolds: An experimental study in rats. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 1934-1940	3.5	4
189	GPR120 is an important inflammatory regulator in the development of osteoarthritis. <i>Arthritis Research and Therapy</i> , 2018 , 20, 163	5.7	20
188	MiR-429 improved the hypoxia tolerance of human amniotic cells by targeting HIF-1α. <i>Biotechnology Letters</i> , 2018 , 40, 1477-1486	3	5
187	The role of CKIP-1 in osteoporosis development and treatment. <i>Bone and Joint Research</i> , 2018 , 7, 173-178	4.2	19
186	Linc-ROR Promotes Osteogenic Differentiation of Mesenchymal Stem Cells by Functioning as a Competing Endogenous RNA for miR-138 and miR-145. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 11, 345-353	10.7	69
185	Enhancement of bone regeneration with the accordion technique via HIF-1α/VEGF activation in a rat distraction osteogenesis model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, e1268-e1276	4.4	16
184	Organic Semiconducting Polymer Nanoparticles for Photoacoustic Labeling and Tracking of Stem Cells in the Second Near-Infrared Window. <i>ACS Nano</i> , 2018 , 12, 12201-12211	16.7	94
183	Staphylococcal enterotoxin C2 promotes osteogenesis of mesenchymal stem cells and accelerates fracture healing. <i>Bone and Joint Research</i> , 2018 , 7, 179-186	4.2	6
182	Influence of DNA methylation on the expression of OPG/RANKL in primary osteoporosis. <i>International Journal of Medical Sciences</i> , 2018 , 15, 1480-1485	3.7	19
181	Natural Killer Cell-Based Cancer Immunotherapy: A Review on 10 Years Completed Clinical Trials. <i>Cancer Investigation</i> , 2018 , 36, 431-457	2.1	46
180	An In Situ Reversible Heterodimeric Nanoswitch Controlled by Metal-Ion-Ligand Coordination Regulates the Mechanosensing and Differentiation of Stem Cells. <i>Advanced Materials</i> , 2018 , 30, e1803594	24	32
179	Detection of Matrix Metalloproteinase 13 for Monitoring Stem Cell Differentiation and Early Diagnosis of Osteoarthritis by Fluorescent Light-Up Probes with Aggregation-Induced Emission Characteristics. <i>Advanced Biology</i> , 2018 , 2, 1800010	3.5	8
178	Remote Control of Intracellular Calcium Using Upconversion Nanotransducers Regulates Stem Cell Differentiation In Vivo. <i>Advanced Functional Materials</i> , 2018 , 28, 1802642	15.6	48

177	Identification of an Anti-Inflammation Protein, Annexin A1, in Tendon Derived Stem Cells (TDSCs) of Cystic Fibrosis Mice: A Comparative Proteomic Analysis. <i>Proteomics - Clinical Applications</i> , 2018 , 12, e1700162	3.1	4
176	Magnetic Manipulation of Reversible Nanocaging Controls In Vivo Adhesion and Polarization of Macrophages. <i>ACS Nano</i> , 2018 , 12, 5978-5994	16.7	47
175	Attenuation of subchondral bone abnormal changes in osteoarthritis by inhibition of SDF-1 signaling. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 986-994	6.2	22
174	Epigenetic Modification of the CCL5/CCR1/ERK Axis Enhances Glioma Targeting in Dedifferentiation-Reprogrammed BMSCs. <i>Stem Cell Reports</i> , 2017 , 8, 743-757	8	17
173	Sulfated hyaluronic acid hydrogels with retarded degradation and enhanced growth factor retention promote hMSC chondrogenesis and articular cartilage integrity with reduced hypertrophy. <i>Acta Biomaterialia</i> , 2017 , 53, 329-342	10.8	96
172	Evaluation of the combined use of metronomic zoledronic acid and <i>Coriolus versicolor</i> in intratibial breast cancer mouse model. <i>Journal of Ethnopharmacology</i> , 2017 , 204, 77-85	5	16
171	Cystic fibrosis transmembrane conductance regulator mediates tenogenic differentiation of tendon-derived stem cells and tendon repair: accelerating tendon injury healing by intervening in its downstream signaling. <i>FASEB Journal</i> , 2017 , 31, 3800-3815	0.9	25
170	Long noncoding RNA H19 accelerates tenogenic differentiation and promotes tendon healing through targeting miR-29b-3p and activating TGF- β signaling. <i>FASEB Journal</i> , 2017 , 31, 954-964	0.9	56
169	Stepwise preconditioning enhances mesenchymal stem cell-based cartilage regeneration through epigenetic modification. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 1541-1550	6.2	17
168	Mesenchymal stem cells homing to improve bone healing. <i>Journal of Orthopaedic Translation</i> , 2017 , 9, 19-27	4.2	98
167	MiR-503 Promotes Bone Formation in Distraction Osteogenesis through Suppressing Smurf1 Expression. <i>Scientific Reports</i> , 2017 , 7, 409	4.9	45
166	Current concepts on tenogenic differentiation and clinical applications. <i>Journal of Orthopaedic Translation</i> , 2017 , 9, 28-42	4.2	36
165	Effect of SDF-1/Cxcr4 Signaling Antagonist AMD3100 on Bone Mineralization in Distraction Osteogenesis. <i>Calcified Tissue International</i> , 2017 , 100, 641-652	3.9	21
164	Nanolayered hybrid mediates synergistic co-delivery of ligand and ligation activator for inducing stem cell differentiation and tissue healing. <i>Biomaterials</i> , 2017 , 149, 12-28	15.6	25
163	Nanocomposite hydrogels stabilized by self-assembled multivalent bisphosphonate-magnesium nanoparticles mediate sustained release of magnesium ion and promote in-situ bone regeneration. <i>Acta Biomaterialia</i> , 2017 , 64, 389-400	10.8	76
162	Porcine brain extract promotes osteogenic differentiation of bone marrow derived mesenchymal stem cells and bone consolidation in a rat distraction osteogenesis model. <i>PLoS ONE</i> , 2017 , 12, e0187362	3.7	5
161	Synergistic effects on mesenchymal stem cell-based cartilage regeneration by chondrogenic preconditioning and mechanical stimulation. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 221	8.3	36
160	Tissue source determines the differentiation potentials of mesenchymal stem cells: a comparative study of human mesenchymal stem cells from bone marrow and adipose tissue. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 275	8.3	123

159	Remote Control of Multimodal Nanoscale Ligand Oscillations Regulates Stem Cell Adhesion and Differentiation. <i>ACS Nano</i> , 2017 , 11, 9636-9649	16.7	47
158	The role of long non-coding RNA H19 in musculoskeletal system: A new player in an old game. <i>Experimental Cell Research</i> , 2017 , 360, 61-65	4.2	21
157	Remote Manipulation of Ligand Nano-Oscillations Regulates Adhesion and Polarization of Macrophages in Vivo. <i>Nano Letters</i> , 2017 , 17, 6415-6427	11.5	52
156	Stem cell therapy for enhancement of bone consolidation in distraction osteogenesis: A contemporary review of experimental studies. <i>Bone and Joint Research</i> , 2017 , 6, 385-390	4.2	18
155	Dysregulation of both miR-140-3p and miR-140-5p in synovial fluid correlate with osteoarthritis severity. <i>Bone and Joint Research</i> , 2017 , 6, 612-618	4.2	41
154	Staphylococcal enterotoxin C2 expedites bone consolidation in distraction osteogenesis. <i>Journal of Orthopaedic Research</i> , 2017 , 35, 1215-1225	3.8	14
153	Effect of cartilaginous matrix components on the chondrogenesis and hypertrophy of mesenchymal stem cells in hyaluronic acid hydrogels. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 2292-2300	3.5	30
152	Biomarker Studies in Early Detection and Prognosis of Breast Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1026, 27-39	3.6	31
151	Osthole Enhances Osteogenesis in Osteoblasts by Elevating Transcription Factor Osterix via cAMP/CREB Signaling In Vitro and In Vivo. <i>Nutrients</i> , 2017 , 9,	6.7	36
150	The effects of high glucose on tendon-derived stem cells: implications of the pathogenesis of diabetic tendon disorders. <i>Oncotarget</i> , 2017 , 8, 17518-17528	3.3	32
149	Tenomodulin highly expressing MSCs as a better cell source for tendon injury healing. <i>Oncotarget</i> , 2017 , 8, 77424-77435	3.3	11
148	MicroRNA-144-3p inhibits bone formation in distraction osteogenesis through targeting Connexin 43. <i>Oncotarget</i> , 2017 , 8, 89913-89922	3.3	16
147	Secretome of Human Fetal Mesenchymal Stem Cell Ameliorates Replicative Senescen. <i>Stem Cells and Development</i> , 2016 , 25, 1755-1766	4.4	31
146	Osthole Promotes Endochondral Ossification and Accelerates Fracture Healing in Mice. <i>Calcified Tissue International</i> , 2016 , 99, 649-660	3.9	15
145	Near-infrared light-triggered release of small molecules for controlled differentiation and long-term tracking of stem cells in vivo using upconversion nanoparticles. <i>Biomaterials</i> , 2016 , 110, 1-10	15.6	59
144	MiR124 suppresses collagen formation of human tendon derived stem cells through targeting egr1. <i>Experimental Cell Research</i> , 2016 , 347, 360-6	4.2	18
143	H19 activates Wnt signaling and promotes osteoblast differentiation by functioning as a competing endogenous RNA. <i>Scientific Reports</i> , 2016 , 6, 20121	4.9	160
142	Yap1 Regulates Multiple Steps of Chondrocyte Differentiation during Skeletal Development and Bone Repair. <i>Cell Reports</i> , 2016 , 14, 2224-2237	10.6	90

141	Mechanically resilient, injectable, and bioadhesive supramolecular gelatin hydrogels crosslinked by weak host-guest interactions assist cell infiltration and in situ tissue regeneration. <i>Biomaterials</i> , 2016 , 101, 217-28	15.6	180
140	Robust Biopolymeric Supramolecular Host-Guest Macromer-Hydrogels Reinforced by in Situ Formed Multivalent Nanoclusters for Cartilage Regeneration. <i>Macromolecules</i> , 2016 , 49, 866-875	5.5	82
139	Tendon-derived stem cells undergo spontaneous tenogenic differentiation. <i>Experimental Cell Research</i> , 2016 , 341, 1-7	4.2	29
138	Hydrogels functionalized with N-cadherin mimetic peptide enhance osteogenesis of hMSCs by emulating the osteogenic niche. <i>Biomaterials</i> , 2016 , 77, 44-52	15.6	63
137	Effects of Sclerostin Antibody on the Healing of Femoral Fractures in Ovariectomised Rats. <i>Calcified Tissue International</i> , 2016 , 98, 263-74	3.9	18
136	Tenogenic differentiation of mesenchymal stem cells and noncoding RNA: From bench to bedside. <i>Experimental Cell Research</i> , 2016 , 341, 237-42	4.2	8
135	Long noncoding RNA Hotair mediated angiogenesis in nasopharyngeal carcinoma by direct and indirect signaling pathways. <i>Oncotarget</i> , 2016 , 7, 4712-23	3.3	115
134	Low-magnitude high-frequency vibration enhanced mesenchymal stem cell recruitment in osteoporotic fracture healing through the SDF-1/CXCR4 pathway. <i>European Cells and Materials</i> , 2016 , 31, 341-54	4.3	21
133	Systemic Administration of Allogeneic Mesenchymal Stem Cells Does Not Halt Osteoporotic Bone Loss in Ovariectomized Rats. <i>PLoS ONE</i> , 2016 , 11, e0163131	3.7	11
132	Nanocarrier-Mediated Codelivery of Small Molecular Drugs and siRNA to Enhance Chondrogenic Differentiation and Suppress Hypertrophy of Human Mesenchymal Stem Cells. <i>Advanced Functional Materials</i> , 2016 , 26, 2463-2472	15.6	37
131	Multifunctional Quantum Dot Nanoparticles for Effective Differentiation and Long-Term Tracking of Human Mesenchymal Stem Cells In Vitro and In Vivo. <i>Advanced Healthcare Materials</i> , 2016 , 5, 1049-57 ^{10.1}	40	
130	Improved osteogenesis and upregulated immunogenicity in human placenta-derived mesenchymal stem cells primed with osteogenic induction medium. <i>Stem Cell Research and Therapy</i> , 2016 , 7, 138	8.3	13
129	MicroRNA-182 targets SMAD7 to potentiate TGFβ-induced epithelial-mesenchymal transition and metastasis of cancer cells. <i>Nature Communications</i> , 2016 , 7, 13884	17.4	89
128	Translational potential of ginsenoside Rb1 in managing progression of osteoarthritis. <i>Journal of Orthopaedic Translation</i> , 2016 , 6, 27-33	4.2	15
127	Small nuclear ribonucleoprotein polypeptide N (Sm51) promotes osteogenic differentiation of bone marrow mesenchymal stem cells by regulating Runx2. <i>Cell and Tissue Research</i> , 2016 , 366, 155-62	4.2	5
126	miRNA-29b improves bone healing in mouse fracture model. <i>Molecular and Cellular Endocrinology</i> , 2016 , 430, 97-107	4.4	40
125	The Use of Cocultured Mesenchymal Stem Cells with Tendon-Derived Stem Cells as a Better Cell Source for Tendon Repair. <i>Tissue Engineering - Part A</i> , 2016 , 22, 1229-1240	3.9	25
124	Stepwise Differentiation of Mesenchymal Stem Cells Augments Tendon-Like Tissue Formation and Defect Repair In Vivo. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 1106-16	6.9	71

123	Human fetal mesenchymal stem cell secretome enhances bone consolidation in distraction osteogenesis. <i>Stem Cell Research and Therapy</i> , 2016 , 7, 134	8.3	47
122	Aspirin prevents bone loss with little mechanical improvement in high-fat-fed ovariectomized rats. <i>European Journal of Pharmacology</i> , 2016 , 791, 331-338	5.3	13
121	Analysis of Osteoclastogenesis/Osteoblastogenesis on Nanotopographical Titania Surfaces. <i>Advanced Healthcare Materials</i> , 2016 , 5, 947-55	10.1	51
120	Epigenetic memory gained by priming with osteogenic induction medium improves osteogenesis and other properties of mesenchymal stem cells. <i>Scientific Reports</i> , 2015 , 5, 11056	4.9	35
119	Nanoparticle delivery of stable miR-199a-5p agomir improves the osteogenesis of human mesenchymal stem cells via the HIF1a pathway. <i>Biomaterials</i> , 2015 , 53, 239-50	15.6	81
118	Fate determination in mesenchymal stem cells: a perspective from histone-modifying enzymes. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 35	8.3	47
117	Alterations of tendons in diabetes mellitus: what are the current findings?. <i>International Orthopaedics</i> , 2015 , 39, 1465-73	3.8	16
116	Attenuation of cartilage pathogenesis in post-traumatic osteoarthritis (PTOA) in mice by blocking the stromal derived factor 1 receptor (CXCR4) with the specific inhibitor, AMD3100. <i>Journal of Orthopaedic Research</i> , 2015 , 33, 1071-8	3.8	19
115	The effects of atorvastatin on the prevention of osteoporosis and dyslipidemia in the high-fat-fed ovariectomized rats. <i>Calcified Tissue International</i> , 2015 , 96, 541-51	3.9	15
114	Joint distraction attenuates osteoarthritis by reducing secondary inflammation, cartilage degeneration and subchondral bone aberrant change. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 1728-35	6.2	31
113	A mouse model of luciferase-transfected stromal cells of giant cell tumor of bone. <i>Connective Tissue Research</i> , 2015 , 56, 493-503	3.3	8
112	Sox11-modified mesenchymal stem cells (MSCs) accelerate bone fracture healing: Sox11 regulates differentiation and migration of MSCs. <i>FASEB Journal</i> , 2015 , 29, 1143-52	0.9	52
111	The combined use of <i>Camellia sinensis</i> and metronomic zoledronic acid in a breast cancer-induced osteolysis mouse model. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015 , 141, 1025-36	4.9	11
110	An improved protocol for isolation and culture of mesenchymal stem cells from mouse bone marrow. <i>Journal of Orthopaedic Translation</i> , 2015 , 3, 26-33	4.2	93
109	The fate of systemically administrated allogeneic mesenchymal stem cells in mouse femoral fracture healing. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 206	8.3	27
108	Systemic and Local Administration of Allogeneic Bone Marrow-Derived Mesenchymal Stem Cells Promotes Fracture Healing in Rats. <i>Cell Transplantation</i> , 2015 , 24, 2643-55	4	48
107	Engineered hair follicle mesenchymal stem cells overexpressing controlled-release insulin reverse hyperglycemia in mice with type L diabetes. <i>Cell Transplantation</i> , 2015 , 24, 891-907	4	15
106	The effects of secretion factors from umbilical cord derived mesenchymal stem cells on osteogenic differentiation of mesenchymal stem cells. <i>PLoS ONE</i> , 2015 , 10, e0120593	3.7	40

105	mir-21 overexpressing mesenchymal stem cells accelerate fracture healing in a rat closed femur fracture model. <i>BioMed Research International</i> , 2015 , 2015, 412327	3	56
104	Hotair mediates hepatocarcinogenesis through suppressing miRNA-218 expression and activating P14 and P16 signaling. <i>Journal of Hepatology</i> , 2015 , 63, 886-95	13.4	143
103	The combined use of <i>Camellia sinensis</i> and metronomic zoledronate in 4T1 mouse carcinoma against tumor growth and metastasis. <i>Oncology Reports</i> , 2015 , 34, 477-87	3.5	12
102	U0126 promotes osteogenesis of rat bone-marrow-derived mesenchymal stem cells by activating BMP/Smad signaling pathway. <i>Cell and Tissue Research</i> , 2015 , 359, 537-545	4.2	8
101	Three-dimensional CaP/gelatin lattice scaffolds with integrated osteoinductive surface topographies for bone tissue engineering. <i>Biofabrication</i> , 2015 , 7, 015005	10.5	22
100	Green tea (<i>Camellia sinensis</i>) extract inhibits both the metastasis and osteolytic components of mammary cancer 4T1 lesions in mice. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 395-403	6.3	44
99	Partial loss of Smad7 function impairs bone remodeling, osteogenesis and enhances osteoclastogenesis in mice. <i>Bone</i> , 2014 , 67, 46-55	4.7	22
98	Circulating mesenchymal stem cells and their clinical implications. <i>Journal of Orthopaedic Translation</i> , 2014 , 2, 1-7	4.2	42
97	In vivo and in vitro anti-tumor and anti-metastasis effects of <i>Coriolus versicolor</i> aqueous extract on mouse mammary 4T1 carcinoma. <i>Phytomedicine</i> , 2014 , 21, 1078-87	6.5	40
96	Low intensity pulsed ultrasound enhanced mesenchymal stem cell recruitment through stromal derived factor-1 signaling in fracture healing. <i>PLoS ONE</i> , 2014 , 9, e106722	3.7	55
95	The effect of 3D nanofibrous scaffolds on the chondrogenesis of induced pluripotent stem cells and their application in restoration of cartilage defects. <i>PLoS ONE</i> , 2014 , 9, e111566	3.7	48
94	Silver nanoparticles/ibuprofen-loaded poly(L-lactide) fibrous membrane: anti-infection and anti-adhesion effects. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 14014-25	6.3	27
93	Glucocorticoid-induced osteoporosis in growing rats. <i>Calcified Tissue International</i> , 2014 , 95, 362-73	3.9	34
92	Sclerostin monoclonal antibody enhanced bone fracture healing in an open osteotomy model in rats. <i>Journal of Orthopaedic Research</i> , 2014 , 32, 997-1005	3.8	52
91	Salvianolic acid B promotes osteogenesis of human mesenchymal stem cells through activating ERK signaling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 51, 1-9	5.6	67
90	Aqp1 enhances migration of bone marrow mesenchymal stem cells through regulation of FAK and Ecatenin. <i>Stem Cells and Development</i> , 2014 , 23, 66-75	4.4	66
89	DLC1-dependent parathyroid hormone-like hormone inhibition suppresses breast cancer bone metastasis. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1646-59	15.9	56
88	EZH2 promotes angiogenesis through inhibition of miR-1/Endothelin-1 axis in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2014 , 5, 11319-32	3.3	34

87	The roles of mesenchymal stem cells in tissue repair and disease modification. <i>Current Stem Cell Research and Therapy</i> , 2014 , 9, 424-31	3.6	29
86	Bone marrow-derived mesenchymal stem cells promote growth and angiogenesis of breast and prostate tumors. <i>Stem Cell Research and Therapy</i> , 2013 , 4, 70	8.3	145
85	N-cadherin regulates osteogenesis and migration of bone marrow-derived mesenchymal stem cells. <i>Molecular Biology Reports</i> , 2013 , 40, 2533-9	2.8	31
84	S-osteotomy with lengthening and then nailing compared with traditional Ilizarov method. <i>International Orthopaedics</i> , 2013 , 37, 1995-2000	3.8	16
83	Bone marrow-derived mesenchymal stem cells promote angiogenesis and growth of breast and prostate tumors. <i>Cytotherapy</i> , 2013 , 15, S15	4.8	3
82	Applications of exogenous mesenchymal stem cells and low intensity pulsed ultrasound enhance fracture healing in rat model. <i>Ultrasound in Medicine and Biology</i> , 2013 , 39, 117-25	3.5	30
81	Immortalized human fetal bone marrow-derived mesenchymal stromal cell expressing suicide gene for anti-tumor therapy in vitro and in vivo. <i>Cytotherapy</i> , 2013 , 15, 1484-97	4.8	33
80	Anti-tumor and anti-osteolysis effects of the metronomic use of zoledronic acid in primary and metastatic breast cancer mouse models. <i>Cancer Letters</i> , 2013 , 339, 42-8	9.9	13
79	Rapid and efficient reprogramming of human fetal and adult blood CD34+ cells into mesenchymal stem cells with a single factor. <i>Cell Research</i> , 2013 , 23, 658-72	24.7	33
78	Reconstruction of orbital defects by implantation of antigen-free bovine cancellous bone scaffold combined with bone marrow mesenchymal stem cells in rats. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2013 , 251, 1325-33	3.8	10
77	Use of Bone Marrow Mesenchymal Stem Cells as Tumor Specific Delivery Vehicles 2013 , 191-201		
76	Engineered scaffold-free tendon tissue produced by tendon-derived stem cells. <i>Biomaterials</i> , 2013 , 34, 2024-37	15.6	113
75	Prodrug of green tea epigallocatechin-3-gallate (Pro-EGCG) as a potent anti-angiogenesis agent for endometriosis in mice. <i>Angiogenesis</i> , 2013 , 16, 59-69	10.6	68
74	Tanshinol attenuates the deleterious effects of oxidative stress on osteoblastic differentiation via Wnt/FoxO3a signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 351895	6.7	53
73	CD146+ human umbilical cord perivascular cells maintain stemness under hypoxia and as a cell source for skeletal regeneration. <i>PLoS ONE</i> , 2013 , 8, e76153	3.7	48
72	Effect of growth and differentiation factor 6 on the tenogenic differentiation of bone marrow-derived mesenchymal stem cells. <i>Chinese Medical Journal</i> , 2013 , 126, 1509-16	2.9	13
71	Adult stem cell coatings for regenerative medicine. <i>Materials Today</i> , 2012 , 15, 60-66	21.8	21
70	Tendon-derived stem cells (TDSCs) promote tendon repair in a rat patellar tendon window defect model. <i>Journal of Orthopaedic Research</i> , 2012 , 30, 613-9	3.8	148

69	Deletion of estrogen receptor beta accelerates early stage of bone healing in a mouse osteotomy model. <i>Osteoporosis International</i> , 2012 , 23, 377-89	5.3	26
68	Inhibiting CD164 expression in colon cancer cell line HCT116 leads to reduced cancer cell proliferation, mobility, and metastasis in vitro and in vivo. <i>Cancer Investigation</i> , 2012 , 30, 380-9	2.1	28
67	A delivery system targeting bone formation surfaces to facilitate RNAi-based anabolic therapy. <i>Nature Medicine</i> , 2012 , 18, 307-14	50.5	274
66	Cellular retinol-binding protein 1 (CRBP-1) regulates osteogenesis and adipogenesis of mesenchymal stem cells through inhibiting RXR-induced β -catenin degradation. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 612-9	5.6	34
65	Quantity and proliferation rate of mesenchymal stem cells in human cord blood during gestation. <i>Cell Biology International</i> , 2012 , 36, 415-8	4.5	1
64	Icaritin, an exogenous phyto molecule, enhances osteogenesis but not angiogenesis--an in vitro efficacy study. <i>PLoS ONE</i> , 2012 , 7, e41264	3.7	40
63	An in silico analysis of dynamic changes in microRNA expression profiles in stepwise development of nasopharyngeal carcinoma. <i>BMC Medical Genomics</i> , 2012 , 5, 3	3.7	83
62	The CREB-Smad6-Runx2 axis contributes to the impaired osteogenesis potential of bone marrow stromal cells in fibrous dysplasia of bone. <i>Journal of Pathology</i> , 2012 , 228, 45-55	9.4	18
61	Direct reprogramming of mouse and human fibroblasts into multipotent neural stem cells with a single factor. <i>Cell Stem Cell</i> , 2012 , 11, 100-9	18	427
60	Dose-dependent enhancement of spinal fusion in rats with teriparatide (PTH[1-34]). <i>Spine</i> , 2012 , 37, 1275-82	5.32	33
59	Impaired bone healing pattern in mice with ovariectomy-induced osteoporosis: A drill-hole defect model. <i>Bone</i> , 2011 , 48, 1388-400	4.7	141
58	Low-intensity pulsed ultrasound enhances posterior spinal fusion implanted with mesenchymal stem cells-calcium phosphate composite without bone grafting. <i>Spine</i> , 2011 , 36, 1010-6	3.3	26
57	CXCR4 and matrix metalloproteinase-2 are involved in mesenchymal stromal cell homing and engraftment to tumors. <i>Cytotherapy</i> , 2011 , 13, 549-61	4.8	38
56	rhBMP-2 not alendronate combined with HA-TCP biomaterial and distraction osteogenesis enhance bone formation. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011 , 131, 1469-76	3.6	5
55	Cis-regulatory functions of overlapping HIF-1alpha/E-box/AP-1-like sequences of CD164. <i>BMC Molecular Biology</i> , 2011 , 12, 44	4.5	5
54	Alendronate (ALN) combined with osteoprotegerin (OPG) significantly improves mechanical properties of long bone than the single use of ALN or OPG in the ovariectomized rats. <i>Journal of Orthopaedic Surgery and Research</i> , 2011 , 6, 34	2.8	11
53	Area, length and mineralization content of new bone at bone-tendon junction predict its repair quality. <i>Journal of Orthopaedic Research</i> , 2011 , 29, 672-7	3.8	21
52	Inhibition of sclerostin by monoclonal antibody enhances bone healing and improves bone density and strength of nonfractured bones. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1012-21	6.3	196

51	Thymidine kinase gene modified bone marrow mesenchymal stem cells as vehicles for antitumor therapy. <i>Human Gene Therapy</i> , 2011 , 22, 439-49	4.8	46
50	Does erroneous differentiation of tendon-derived stem cells contribute to the pathogenesis of calcifying tendinopathy?. <i>Chinese Medical Journal</i> , 2011 , 124, 606-10	2.9	50
49	Human mesenchymal stem cells promote growth of osteosarcoma: involvement of interleukin-6 in the interaction between human mesenchymal stem cells and Saos-2. <i>Cancer Science</i> , 2010 , 101, 2554-60	6.9	67
48	Fabrication and repair of cartilage defects with a novel acellular cartilage matrix scaffold. <i>Tissue Engineering - Part C: Methods</i> , 2010 , 16, 865-76	2.9	93
47	Isolation and characterization of multipotent rat tendon-derived stem cells. <i>Tissue Engineering - Part A</i> , 2010 , 16, 1549-58	3.9	212
46	Osteoporotic fracture model and quantitative assessment of healing. <i>Bone</i> , 2010 , 47, S350	4.7	
45	Therapeutic RNAi targeting CKIP-1 as a potential bone anabolic strategy. <i>Bone</i> , 2010 , 47, S400	4.7	
44	MicroRNA-10b induced by Epstein-Barr virus-encoded latent membrane protein-1 promotes the metastasis of human nasopharyngeal carcinoma cells. <i>Cancer Letters</i> , 2010 , 299, 29-36	9.9	99
43	Osteoblast-targeted disruption of glucocorticoid signalling does not delay intramembranous bone healing. <i>Steroids</i> , 2010 , 75, 282-6	2.8	10
42	Efficacy of percutaneous kyphoplasty in treating osteoporotic multithoracolumbar vertebral compression fractures. <i>Orthopedics</i> , 2010 , 33, 885	1.5	5
41	Development, characterization, and validation of porous carbonated hydroxyapatite bone cement. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009 , 90, 886-93	3.5	13
40	Novel application of HA-TCP biomaterials in distraction osteogenesis shortened the lengthening time and promoted bone consolidation. <i>Journal of Orthopaedic Research</i> , 2009 , 27, 477-82	3.8	16
39	Patients with long bone fracture have altered Caveolin-1 expression in their peripheral blood mononuclear cells. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009 , 129, 1287-92	3.6	3
38	Comparison of multipotent differentiation potentials of murine primary bone marrow stromal cells and mesenchymal stem cell line C3H10T1/2. <i>Calcified Tissue International</i> , 2009 , 84, 56-64	3.9	44
37	Thrombin related peptide TP508 promoted fracture repair in a mouse high energy fracture model. <i>Journal of Orthopaedic Surgery and Research</i> , 2009 , 4, 1	2.8	23
36	Endogenous glucocorticoid signalling in osteoblasts is necessary to maintain normal bone structure in mice. <i>Bone</i> , 2009 , 45, 61-7	4.7	54
35	Human mesenchymal stem cells (hMSCs) target osteosarcoma and promote its growth and pulmonary metastasis. <i>Cancer Letters</i> , 2009 , 281, 32-41	9.9	156
34	Mesenchymal stem cells as a gene therapy carrier for treatment of fibrosarcoma. <i>Cytotherapy</i> , 2009 , 11, 516-26	4.8	52

33	Icaritin, a potential estrogen receptor beta antagonist molecule Icaritin, promote osteoporotic fracture repair in ovariectomized mice: Preliminary finding at 3 weeks post fracture. <i>Bone</i> , 2008 , 43, S76-S77	4.7	2
32	Local injection of thrombin-related peptide (TP508) in PPF/PLGA microparticles-enhanced bone formation during distraction osteogenesis. <i>Journal of Orthopaedic Research</i> , 2008 , 26, 539-46	3.8	24
31	Survival of bone marrow-derived mesenchymal stem cells in a xenotransplantation model. <i>Journal of Orthopaedic Research</i> , 2007 , 25, 926-32	3.8	26
30	Cell cycle-dependent expression of potassium channels and cell proliferation in rat mesenchymal stem cells from bone marrow. <i>Cell Proliferation</i> , 2007 , 40, 656-70	7.9	62
29	Chondrogenic differentiation alters the immunosuppressive property of bone marrow-derived mesenchymal stem cells, and the effect is partially due to the upregulated expression of B7 molecules. <i>Stem Cells</i> , 2007 , 25, 364-70	5.8	60
28	Concise review: multipotent mesenchymal stromal cells in blood. <i>Stem Cells</i> , 2007 , 25, 69-77	5.8	219
27	Effect of thrombin peptide 508 (TP508) on bone healing during distraction osteogenesis in rabbit tibia. <i>Cell and Tissue Research</i> , 2007 , 330, 35-44	4.2	22
26	Functional ion channels in mouse bone marrow mesenchymal stem cells. <i>American Journal of Physiology - Cell Physiology</i> , 2007 , 293, C1561-7	5.4	37
25	Nonadherent cell population of human marrow culture is a complementary source of mesenchymal stem cells (MSCs). <i>Journal of Orthopaedic Research</i> , 2006 , 24, 21-8	3.8	42
24	Allogenic peripheral blood derived mesenchymal stem cells (MSCs) enhance bone regeneration in rabbit ulna critical-sized bone defect model. <i>Journal of Orthopaedic Research</i> , 2006 , 24, 610-8	3.8	97
23	Properties of ion channels in rabbit mesenchymal stem cells from bone marrow. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 348, 301-9	3.4	25
22	Mesenchymal stem cells in immunoregulation. <i>Immunology and Cell Biology</i> , 2006 , 84, 413-21	5	156
21	Ion channels in mesenchymal stem cells from rat bone marrow. <i>Stem Cells</i> , 2006 , 24, 1519-28	5.8	65
20	Bioreactor expansion of human adult bone marrow-derived mesenchymal stem cells. <i>Stem Cells</i> , 2006 , 24, 2052-9	5.8	114
19	Inositol 1,4,5-Trisphosphate Receptors Mediating Spontaneous Ca ²⁺ Oscillation Favors Proliferation in Human Mesenchymal Stem Cells from Bone Marrow.. <i>Blood</i> , 2006 , 108, 2572-2572	2.2	
18	Systemic recruitment of osteoblastic cells in fracture healing. <i>Journal of Orthopaedic Research</i> , 2005 , 23, 1013-21	3.8	112
17	Bone formation is enhanced by thrombin-related peptide TP508 during distraction osteogenesis. <i>Journal of Orthopaedic Research</i> , 2005 , 23, 196-202	3.8	46
16	rhBMP-2, rhVEGF(165), rhPTN and thrombin-related peptide, TP508 induce chemotaxis of human osteoblasts and microvascular endothelial cells. <i>Journal of Orthopaedic Research</i> , 2005 , 23, 680-5	3.8	70

15	Time for treating bone fracture using rhBMP-2: a randomised placebo controlled mouse fracture trial. <i>Journal of Orthopaedic Research</i> , 2005 , 23, 625-31	3.8	27
14	Characterization of ionic currents in human mesenchymal stem cells from bone marrow. <i>Stem Cells</i> , 2005 , 23, 371-82	5.8	121
13	New developments and insights learned from distraction osteogenesis. <i>Current Opinion in Orthopaedics</i> , 2004 , 15, 325-330		14
12	Rapid new bone tissue remodeling during distraction osteogenesis is associated with apoptosis. <i>Journal of Orthopaedic Research</i> , 2003 , 21, 28-35	3.8	18
11	Biomechanical model to simulate tissue differentiation and bone regeneration: application to fracture healing. <i>Medical and Biological Engineering and Computing</i> , 2002 , 40, 14-21	3.1	184
10	Bone consolidation is enhanced by rhBMP-2 in a rabbit model of distraction osteogenesis. <i>Journal of Orthopaedic Research</i> , 2002 , 20, 779-88	3.8	104
9	Cell proliferation and apoptosis during fracture healing. <i>Journal of Bone and Mineral Research</i> , 2002 , 17, 791-9	6.3	48
8	Tissues formed during distraction osteogenesis in the rabbit are determined by the distraction rate: localization of the cells that express the mRNAs and the distribution of types I and II collagens. <i>Cell Biology International</i> , 2000 , 24, 25-33	4.5	44
7	Effect of lengthening rate on angiogenesis during distraction osteogenesis. <i>Journal of Orthopaedic Research</i> , 1999 , 17, 362-7	3.8	102
6	The role of chondrocytes in intramembranous and endochondral ossification during distraction osteogenesis in the rabbit. <i>Calcified Tissue International</i> , 1999 , 64, 310-7	3.9	34
5	Biologic model of bone transport distraction osteogenesis and vascular response. <i>Journal of Orthopaedic Research</i> , 1999 , 17, 238-45	3.8	24
4	Expression of BMP-4 mRNA during distraction osteogenesis in rabbits. <i>Acta Orthopaedica</i> , 1998 , 69, 420-5		47
3	Bone growth and bone development in the presence of implants or after induced leg-lengthening studied using the Oxford Scanning Proton Microprobe. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1997 , 130, 431-438	1.2	3
2	Assessment of cell proliferation in regenerating bone during distraction osteogenesis at different distraction rates. <i>Journal of Orthopaedic Research</i> , 1997 , 15, 765-72	3.8	94
1	MicroRNA-378 suppressed osteogenesis of mesenchymal stem cells and impaired bone formation via inactivating Wnt/ β -catenin signaling		1