

Mitsuo Ochi

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

7,015
citations

66343

42
h-index

71685

76
g-index

180
all docs

180
docs citations

180
times ranked

8489
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal Stem Cell-derived exosomes accelerate skeletal muscle regeneration. <i>FEBS Letters</i> , 2015, 589, 1257-1265.	2.8	420
2	Mesenchymal Stem Cell-Derived Exosomes Promote Fracture Healing in a Mouse Model. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1620-1630.	3.3	325
3	Mechanoreceptors in the anterior cruciate ligament contribute to the joint position sense. <i>Acta Orthopaedica</i> , 2002, 73, 330-334.	1.4	263
4	Hyaluronic acid enhances proliferation and chondroitin sulfate synthesis in cultured chondrocytes embedded in collagen gels. <i>Journal of Cellular Physiology</i> , 1999, 179, 142-148.	4.1	243
5	Exosome-formed synthetic microRNA-143 is transferred to osteosarcoma cells and inhibits their migration. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 381-387.	2.1	213
6	Mobilization of bone marrow-derived mesenchymal stem cells into the injured tissues after intraarticular injection and their contribution to tissue regeneration. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2006, 14, 1307-1314.	4.2	207
7	Acceleration of muscle regeneration by local injection of muscle-specific microRNAs in rat skeletal muscle injury model. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2495-2505.	3.6	188
8	Anterior Cruciate Ligament Augmentation Procedure With a 1-incision Technique: Anteromedial Bundle or Posterolateral Bundle Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2006, 22, 463.e1-463.e5.	2.7	171
9	Current Concepts in Tissue Engineering Technique for Repair of Cartilage Defect. <i>Artificial Organs</i> , 2001, 25, 172-179.	1.9	163
10	Evaluation of anterior talofibular ligament injury with stress radiography, ultrasonography and MR imaging. <i>Skeletal Radiology</i> , 2010, 39, 41-47.	2.0	152
11	A Minimum 2-Year Follow-up After Selective Anteromedial or Posterolateral Bundle Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2009, 25, 117-122.	2.7	142
12	Evaluation of systemic chemotherapy with magnetic liposomal doxorubicin and a dipole external electromagnet. <i>International Journal of Cancer</i> , 2004, 109, 627-635.	5.1	132
13	BDNF, NT-3, and NGF Released From Transplanted Neural Progenitor Cells Promote Corticospinal Axon Growth in Organotypic Cocultures. <i>Spine</i> , 2007, 32, 1272-1278.	2.0	128
14	Articular Cartilage Repair Using Tissue Engineering Technique-Novel Approach with Minimally Invasive Procedure. <i>Artificial Organs</i> , 2004, 28, 28-32.	1.9	127
15	Allogeneic Bone Marrow-Derived Mesenchymal Stromal Cells Promote the Regeneration of Injured Skeletal Muscle without Differentiation into Myofibers. <i>Tissue Engineering</i> , 2004, 10, 1093-1112.	4.6	114
16	Intra-articular Injection of Mesenchymal Stromal Cells in Partially Torn Anterior Cruciate Ligaments in a Rat Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2007, 23, 610-617.	2.7	107
17	Overexpression of microRNA-223 in rheumatoid arthritis synovium controls osteoclast differentiation. <i>Modern Rheumatology</i> , 2013, 23, 674-685.	1.8	107
18	Human chondrocyte proliferation and matrix synthesis cultured in Atelocollagen 1/2 gel. , 2000, 50, 138-143.		106

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19	Augmentation of Tendon-to-Bone Healing. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 513-521.	3.0	105
20	A Novel Cell Delivery System Using Magnetically Labeled Mesenchymal Stem Cells and an External Magnetic Device for Clinical Cartilage Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2008, 24, 69-76.	2.7	104
21	Muscle derived, cell based ex vivo gene therapy for treatment of full thickness articular cartilage defects. <i>Journal of Rheumatology</i> , 2002, 29, 1920-30.	2.0	98
22	Intraoperative evaluation of anteroposterior and rotational stabilities in anterior cruciate ligament reconstruction: lower femoral tunnel placed single-bundle versus double-bundle reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 907-913.	4.2	97
23	Mechanical properties of suspensory fixation devices for anterior cruciate ligament reconstruction: Comparison of the fixed-length loop device versus the adjustable-length loop device. <i>Knee</i> , 2014, 21, 743-748.	1.6	88
24	Acceleration of Skeletal Muscle Regeneration in a Rat Skeletal Muscle Injury Model by Local Injection of Human Peripheral Blood-Derived CD133-Positive Cells. <i>Stem Cells</i> , 2009, 27, 949-960.	3.2	82
25	Biomechanical Function of Anterior Cruciate Ligament Remnants: How Long Do They Contribute to Knee Stability After Injury in Patients With Complete Tears?. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2010, 26, 1577-1585.	2.7	77
26	Bach1 deficiency reduces severity of osteoarthritis through upregulation of heme oxygenase-1. <i>Arthritis Research and Therapy</i> , 2015, 17, 285.	3.5	65
27	Prognostic significance of 18F-FDG PET at diagnosis in patients with soft tissue sarcoma and bone sarcoma; systematic review and meta-analysis. <i>European Journal of Cancer</i> , 2016, 58, 104-111.	2.8	65
28	Injectable magnetic liposomes as a novel carrier of recombinant human BMP-2 for bone formation in a rat bone-defect model. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 66A, 747-754.	3.1	64
29	Changes in microRNA expression in peripheral mononuclear cells according to the progression of osteoarthritis. <i>Modern Rheumatology</i> , 2012, 22, 446-457.	1.8	61
30	Articular Cartilage Repair With Magnetic Mesenchymal Stem Cells. <i>American Journal of Sports Medicine</i> , 2013, 41, 1255-1264.	4.2	59
31	Rotational Acetabular Osteotomy for Pre- and Early Osteoarthritis Secondary to Dysplasia Provides Durable Results at 20 Years. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 2145-2153.	1.5	59
32	Magnetic targeting of bone marrow stromal cells into spinal cord: through cerebrospinal fluid. <i>NeuroReport</i> , 2006, 17, 1269-1272.	1.2	58
33	Effective repair of a fresh osteochondral defect in the rabbit knee joint by articulated joint distraction following subchondral drilling. <i>Journal of Orthopaedic Research</i> , 2005, 23, 909-915.	2.3	56
34	Transplant of mesenchymal stem cells and hydroxyapatite ceramics to treat severe osteochondral damage after septic arthritis of the knee. <i>Journal of Rheumatology</i> , 2005, 32, 1615-8.	2.0	54
35	Efficiency of magnetic liposomal transforming growth factor-beta 1 in the repair of articular cartilage defects in a rabbit model. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 73A, 255-263.	4.0	51
36	Inhibition of microRNA-222 expression accelerates bone healing with enhancement of osteogenesis, chondrogenesis, and angiogenesis in a rat refractory fracture model. <i>Journal of Orthopaedic Science</i> , 2016, 21, 852-858.	1.1	51

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37	The Effect of Intra-articular Injection of MicroRNA-210 on Ligament Healing in a Rat Model. American Journal of Sports Medicine, 2012, 40, 2470-2478.	4.2	48
38	Multilayer scaffolds in orthopaedic tissue engineering. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 2365-2373.	4.2	48
39	Bone formation using novel interconnected porous calcium hydroxyapatite ceramic hybridized with cultured marrow stromal stem cells derived from Green rat. Journal of Biomedical Materials Research Part B, 2004, 69A, 454-461.	3.1	46
40	Articular cartilage repair using an intra-articular magnet and synovium-derived cells. Journal of Orthopaedic Research, 2011, 29, 531-538.	2.3	46
41	Evaluation of magnetic resonance imaging and clinical outcome after tissue-engineered cartilage implantation: prospective 6-year follow-up study. Journal of Orthopaedic Science, 2012, 17, 413-424.	1.1	45
42	Repair of Osteochondral Defect With Tissue-Engineered Chondral Plug in a Rabbit Model. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2005, 21, 1155-1163.	2.7	43
43	A New Articulated Distraction Arthroplasty Device for Treatment of the Osteoarthritic Knee Joint: A Preliminary Report. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2007, 23, 833-838.	2.7	42
44	Augmentation Technique for Anterior Cruciate Ligament Injury. Clinics in Sports Medicine, 2013, 32, 127-140.	1.8	42
45	Lnk Deletion Reinforces the Function of Bone Marrow Progenitors in Promoting Neovascularization and Astroglia Following Spinal Cord Injury. Stem Cells, 2010, 28, 365-375.	3.2	40
46	The safety and efficacy of magnetic targeting using autologous mesenchymal stem cells for cartilage repair. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 3626-3635.	4.2	40
47	MicroRNAs and Bone Regeneration. Current Genomics, 2015, 16, 441-452.	1.6	40
48	Inclusion and Exclusion Criteria in the Diagnosis of Femoroacetabular Impingement. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2015, 31, 1403-1410.	2.7	38
49	Effects of Basic Fibroblast Growth Factor on Proliferation and Phenotype Expression of Chondrocytes Embedded in Collagen Gel. General Pharmacology, 1998, 31, 759-764.	0.7	36
50	Bone marrow stromal cells promoting corticospinal axon growth through the release of humoral factors in organotypic cocultures in neonatal rats. Journal of Neurosurgery: Spine, 2007, 6, 412-419.	1.7	36
51	Double bundle arthroscopic Anterior Cruciate Ligament reconstruction with remnant preserving technique using a hamstring autograft. The Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2011, 3, 30.	1.0	36
52	Combination therapy with intra-articular injection of mesenchymal stem cells and articulated joint distraction for repair of a chronic osteochondral defect in the rabbit. Journal of Orthopaedic Research, 2015, 33, 1466-1473.	2.3	36
53	Cell Magnetic Targeting System for Repair of Severe Chronic Osteochondral Defect in a Rabbit Model. Cell Transplantation, 2016, 25, 1073-1083.	2.5	35
54	Artificial bone grafting [calcium hydroxyapatite ceramic with an interconnected porous structure (IP-CHA)] and core decompression for spontaneous osteonecrosis of the femoral condyle in the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2008, 16, 753-758.	4.2	34

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55	Therapeutic Effects With Magnetic Targeting of Bone Marrow Stromal Cells in a Rat Spinal Cord Injury Model. <i>Spine</i> , 2011, 36, 933-938.	2.0	33
56	Ex-vivo expanded human blood-derived CD133+ cells promote repair of injured spinal cord. <i>Journal of the Neurological Sciences</i> , 2013, 328, 41-50.	0.6	32
57	Magnetically Labeled Neural Progenitor Cells, Which Are Localized by Magnetic Force, Promote Axon Growth in Organotypic Cocultures. <i>Spine</i> , 2007, 32, 2300-2305.	2.0	31
58	Endothelial Progenitor Cells Promote Astrogliosis following Spinal Cord Injury through Jagged1-Dependent Notch Signaling. <i>Journal of Neurotrauma</i> , 2012, 29, 1758-1769.	3.4	31
59	Differences between opening versus closing high tibial osteotomy on clinical outcomes and gait analysis. <i>Knee</i> , 2014, 21, 1046-1051.	1.6	31
60	Prognostic value of PAX3/7 FOXO1 fusion status in alveolar rhabdomyosarcoma: Systematic review and meta-analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 96, 46-53.	4.4	31
61	Large animal models in experimental knee sports surgery: focus on clinical translation. <i>Journal of Experimental Orthopaedics</i> , 2015, 2, 9.	1.8	31
62	Administration of Human Peripheral Blood-Derived CD133+ Cells Accelerates Functional Recovery in a Rat Spinal Cord Injury Model. <i>Spine</i> , 2009, 34, 249-254.	2.0	30
63	Percent slope analysis of dynamic magnetic resonance imaging for assessment of chemotherapy response of osteosarcoma or Ewing sarcoma: systematic review and meta-analysis. <i>Skeletal Radiology</i> , 2016, 45, 1235-1242.	2.0	30
64	Augmentation of Degenerated Human Cartilage In Vitro Using Magnetically Labeled Mesenchymal Stem Cells and an External Magnetic Device. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2009, 25, 1435-1441.	2.7	29
65	The dorsolateral prefrontal network is involved in pain perception in knee osteoarthritis patients. <i>Neuroscience Letters</i> , 2014, 581, 109-114.	2.1	29
66	Correlation Between Subchondral Bone Plate Thickness and Cartilage Degeneration in Osteoarthritis of the Ankle. <i>Foot and Ankle International</i> , 2014, 35, 1341-1349.	2.3	29
67	Effects of CD44 antibody or RGDS peptide immobilized magnetic beads on cell proliferation and chondrogenesis of mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 77A, 773-784.	4.0	28
68	The relationship of anterior and rotatory laxity between surgical navigation and clinical outcome after ACL reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 778-784.	4.2	28
69	Bony impingement depends on the bone morphology of the hip after total hip arthroplasty. <i>International Orthopaedics</i> , 2013, 37, 1897-1903.	1.9	28
70	Neural progenitor cells promote corticospinal axon growth in organotypic co-cultures. <i>NeuroReport</i> , 2004, 15, 2579-2583.	1.2	27
71	Determination of the safe penetration depth during all-inside meniscal repair of the posterior part of the lateral meniscus using the FasT-Fix suture repair system. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 1868-1875.	4.2	27
72	Regeneration of peripheral nerve after transplantation of CD133+ cells derived from human peripheral blood. <i>Journal of Neurosurgery</i> , 2009, 110, 758-767.	1.6	25

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73	Attenuation of cartilage degeneration by calcitonin gene-related peptide receptor antagonist via inhibition of subchondral bone sclerosis in osteoarthritis mice. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1177-1184.	2.3	25
74	The influence of stem offset and neck shaft angles on the range of motion in total hip arthroplasty. <i>International Orthopaedics</i> , 2016, 40, 245-253.	1.9	25
75	The Use of Endothelial Progenitor Cells for the Regeneration of Musculoskeletal and Neural Tissues. <i>Stem Cells International</i> , 2017, 2017, 1-7.	2.5	25
76	Balance Ability and Proprioception after Single-Bundle, Single-Bundle Augmentation, and Double-Bundle ACL Reconstruction. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	24
77	Stem cells in degenerative orthopaedic pathologies: effects of aging on therapeutic potential. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 626-636.	4.2	24
78	<i>In vitro</i> cartilage formation using TGF β 2-immobilized magnetic beads and mesenchymal stem cell-magnetic bead complexes under magnetic field conditions. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 196-204.	4.0	23
79	The Transverse Ligament as a Landmark for Tibial Sagittal Insertions of the Anterior Cruciate Ligament: A Cadaveric Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2011, 27, 1395-1399.	2.7	23
80	Heme oxygenase-1 modulates degeneration of the intervertebral disc after puncture in Bach 1 deficient mice. <i>European Spine Journal</i> , 2012, 21, 1748-1757.	2.2	23
81	Contribution of bone marrow-derived endothelial progenitor cells to neovascularization and astrogliosis following spinal cord injury. <i>Journal of Neuroscience Research</i> , 2012, 90, 2281-2292.	2.9	23
82	Osteonecrosis of the Knee Treated with a Tissue-Engineered Cartilage and Bone Implant. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 2752-2757.	3.0	22
83	Modulation of the secondary injury process after spinal cord injury in Bach1-deficient mice by heme oxygenase-1. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 611-620.	1.7	22
84	CD133 + cells from human umbilical cord blood reduce cortical damage and promote axonal growth in neonatal rat organotypic cultures exposed to hypoxia. <i>International Journal of Developmental Neuroscience</i> , 2010, 28, 581-587.	1.6	21
85	Regenerative medicine in orthopedics using cells, scaffold, and microRNA. <i>Journal of Orthopaedic Science</i> , 2014, 19, 521-528.	1.1	21
86	Knee biomechanics during walking in recurrent lateral patellar dislocation are normalized by 1 year after medial patellofemoral ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 3254-3261.	4.2	21
87	Value of diffusion-weighted imaging for evaluating chemotherapy response in osteosarcoma: A meta-analysis. <i>Molecular and Clinical Oncology</i> , 2017, 7, 88-92.	1.0	21
88	Oxidative stress reaction in the meniscus of Bach 1 deficient mice: Potential prevention of meniscal degeneration. <i>Journal of Orthopaedic Research</i> , 2008, 26, 894-898.	2.3	20
89	Characteristics of thoracic and lumbar movements during gait in lumbar spinal stenosis patients before and after decompression surgery. <i>Clinical Biomechanics</i> , 2016, 40, 45-51.	1.2	20
90	Correlation between collagenase-like fascicular constriction and idiopathic anterior interosseous nerve palsy. <i>Muscle and Nerve</i> , 2017, 55, 508-512.	2.2	20

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91	Transplantation of Tissue-Engineered Osteochondral Plug Using Cultured Chondrocytes and Interconnected Porous Calcium Hydroxyapatite Ceramic Cylindrical Plugs to Treat Osteochondral Defects in a Rabbit Model. <i>Artificial Organs</i> , 2007, 32, 070802063815010-???	1.9	19
92	Prognostic value of SS18â€“SSX fusion type in synovial sarcoma; systematic review and meta-analysis. <i>SpringerPlus</i> , 2015, 4, 375.	1.2	19
93	Gender differences in the restoration of knee joint biomechanics during gait after anterior cruciate ligament reconstruction. <i>Knee</i> , 2017, 24, 280-288.	1.6	19
94	The effect of anti-gravity treadmill training for prosthetic rehabilitation of a case with below-knee amputation. <i>Prosthetics and Orthotics International</i> , 2015, 39, 502-506.	1.0	18
95	Accumulation of magnetically labeled rat mesenchymal stem cells using an external magnetic force, and their potential for bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 85A, 597-604.	4.0	17
96	Evaluation of Single-Bundle versus Double-Bundle PCL Reconstructions with More Than 10-Year Follow-Up. <i>Scientific World Journal, The</i> , 2015, 2015, 1-5.	2.1	17
97	Symmetrical peripheral gangrene caused by septic shock. <i>Case Reports in Plastic Surgery & Hand Surgery</i> , 2015, 2, 53-56.	0.3	17
98	Technical Considerations and Accuracy Improvement of Accelerometer-Based Portable Computer Navigation for Performing Distal Femoral Resection in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 53-60.	3.1	17
99	Anterior Inferior Iliac Spine Bone Morphology in Hip Dysplasia and Its Effect on Hip Range of Motion in Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 2058-2063.	3.1	16
100	Comparison of fibrin clots derived from peripheral blood and bone marrow. <i>Connective Tissue Research</i> , 2017, 58, 208-214.	2.3	16
101	Quality Evaluation of Human Bone Marrow Mesenchymal Stem Cells for Cartilage Repair. <i>Stem Cells International</i> , 2017, 2017, 1-9.	2.5	16
102	Posterior cruciate ligament is twisted and flat structure: new prospective on anatomical morphology. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 31-39.	4.2	16
103	The effect of an external magnetic force on cell adhesion and proliferation of magnetically labeled mesenchymal stem cells. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2010, 2, 5.	1.7	15
104	Prevention of osteonecrosis by intravenous administration of human peripheral blood-derived CD34-positive cells in a rat osteonecrosis model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 32-40.	2.7	15
105	Intra-operative gaps affect outcome and postoperative kinematics in vivo following cruciate-retaining total knee arthroplasty. <i>International Orthopaedics</i> , 2016, 40, 41-49.	1.9	15
106	Role of Mesenchymal Stem Cells Densities When Injected as Suspension in Joints with Osteochondral Defects. <i>Cartilage</i> , 2019, 10, 61-69.	2.7	15
107	Posterior tibial displacement in the PCL-deficient knee is reduced compared to the normal knee during gait. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 3251-3258.	4.2	14
108	Promotion of skeletal muscle repair in a rat skeletal muscle injury model by local injection of human adipose tissue-derived regenerative cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 1150-1160.	2.7	14

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109	Ameloblastin induces tumor suppressive phenotype and enhances chemosensitivity to doxorubicin via Src-Stat3 inactivation in osteosarcoma. <i>Scientific Reports</i> , 2017, 7, 40187.	3.3	14
110	Local administration of WP9QY (W9) peptide promotes bone formation in a rat femur delayed-union model. <i>Journal of Bone and Mineral Metabolism</i> , 2018, 36, 383-391.	2.7	14
111	Repair of a large osteochondral defect in the knee joint using autologous and artificial bone graft combined with motion preserving distraction arthroplasty: a case report. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010, 130, 231-236.	2.4	13
112	Magnetic Field-Based Delivery of Human CD133 Cells Promotes Functional Recovery After Rat Spinal Cord Injury. <i>Spine</i> , 2012, 37, E768-E777.	2.0	13
113	Diversity of angiogenesis among malignant bone tumors. <i>Molecular and Clinical Oncology</i> , 2013, 1, 131-136.	1.0	13
114	<i>In Vivo</i> Kinetics of Mesenchymal Stem Cells Transplanted into the Knee Joint in a Rat Model Using a Novel Magnetic Method of Localization. <i>Clinical and Translational Science</i> , 2015, 8, 467-474.	3.1	13
115	Electrophysiological assessments of the motor pathway in diabetic patients with compressive cervical myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 707-714.	1.7	13
116	Therapeutic Potential of Multilineage-Differentiating Stress-Enduring Cells for Osteochondral Repair in a Rat Model. <i>Stem Cells International</i> , 2017, 2017, 1-8.	2.5	13
117	Magnetic Targeted Delivery of Induced Pluripotent Stem Cells Promotes Articular Cartilage Repair. <i>Stem Cells International</i> , 2017, 2017, 1-7.	2.5	13
118	Transplantation of bone marrow mononuclear cells enables simultaneous treatment with osteotomy for osteonecrosis of the bilateral femoral head. <i>Medical Science Monitor</i> , 2008, 14, CS23-30.	1.1	13
119	Delayed gadolinium-enhanced MRI of cartilage and T2 mapping for evaluation of reparative cartilage-like tissue after autologous chondrocyte implantation associated with Atelocollagen-based scaffold in the knee. <i>Skeletal Radiology</i> , 2016, 45, 1357-1363.	2.0	12
120	Morphologic evaluation of remnant anterior cruciate ligament bundles after injury with three-dimensional computed tomography. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 148-153.	4.2	12
121	The therapeutic potential of ex vivo expanded CD133+ cells derived from human peripheral blood for peripheral nerve injuries. <i>Journal of Neurosurgery</i> , 2012, 117, 787-794.	1.6	11
122	Effects of knee immobilization on morphological changes in the semitendinosus muscle-tendon complex after hamstring harvesting for anterior cruciate ligament reconstruction: evaluation using three-dimensional computed tomography. <i>Journal of Orthopaedic Science</i> , 2012, 17, 39-45.	1.1	11
123	Distraction Arthroplasty With Arthroscopic Microfracture in a Patient With Rheumatoid Arthritis of the Ankle Joint. <i>Journal of Foot and Ankle Surgery</i> , 2015, 54, 280-284.	1.0	11
124	Unique Anatomic Feature of the Posterior Cruciate Ligament in Knees Associated With Osteochondritis Dissecans. <i>Orthopaedic Journal of Sports Medicine</i> , 2016, 4, 232596711664813.	1.7	11
125	CD133+ cells from human peripheral blood promote corticospinal axon regeneration. <i>NeuroReport</i> , 2008, 19, 799-803.	1.2	10
126	Intra-articular osteoid osteoma of the lateral tibial plateau treated with arthroscopically assisted removal and retrograde osteochondral grafting. <i>Knee</i> , 2014, 21, 343-348.	1.6	10

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127	Quantitative 201thallium scintigraphy for prediction of histological response to neoadjuvant chemotherapy in osteosarcoma; systematic review and meta-analysis. <i>Surgical Oncology</i> , 2015, 24, 194-199.	1.6	10
128	Courses of change in knee adduction moment and lateral thrust differ up to 1 year after TKA. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2506-2511.	4.2	10
129	Magnetic cell delivery for the regeneration of musculoskeletal and neural tissues. <i>Regenerative Therapy</i> , 2018, 9, 116-119.	3.0	10
130	Can arthroscopic Bankart repairs using suture anchors restore equivalent stability to open repairs in the management of traumatic anterior shoulder dislocation? A meta-analysis. <i>Journal of Orthopaedic Science</i> , 2018, 23, 935-941.	1.1	10
131	A new distraction arthroplasty device using magnetic force; a cadaveric study. <i>Clinical Biomechanics</i> , 2013, 28, 423-428.	1.2	9
132	Low femoral antetorsion as a risk factor for bony impingement after bipolar hemiarthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 105.	2.3	9
133	Healing Potential of the Cartilage Correlates with Location on the Femoral Head: A Basic Research Using a Rabbit Model. <i>HIP International</i> , 2016, 26, 31-35.	1.7	9
134	Unique patellofemoral alignment in a patient with a symptomatic bipartite patella. <i>Knee</i> , 2016, 23, 127-132.	1.6	9
135	Osteochondral lesion located at the lateral femoral condyle reconstructed by the transplantation of tissue-engineered cartilage in combination with a periosteum with bone block: a case report. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2004, 12, 444-7.	4.2	8
136	Transtrochanteric rotational osteotomy combined with intra-articular procedures for pigmented villonodular synovitis of the hip. <i>Journal of Orthopaedic Science</i> , 2015, 20, 943-950.	1.1	8
137	Novel Hybrid Hydroxyapatite Spacers Ensure Sufficient Bone Bonding in Cervical Laminoplasty. <i>Asian Spine Journal</i> , 2018, 12, 1078-1084.	2.0	8
138	Cartilage Repair: 2013 Asian Update. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 1992-2000.	2.7	7
139	T2 Mapping Magnetic Resonance Imaging Encourages an Arthroscopic Approach for Osteoid Osteoma in the Acetabulum. <i>Arthroscopy Techniques</i> , 2014, 3, e251-e254.	1.3	7
140	Expression of Inflammation/Pain-Related Genes in the Dorsal Root Ganglion following Disc Puncture in Rats. <i>Journal of Orthopaedic Surgery</i> , 2016, 24, 106-112.	1.0	7
141	Monitoring immune response after allogeneic transplantation of mesenchymal stem cells for osteochondral repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e275-e286.	2.7	7
142	A vascularized medial femoral condyle cortico-periosteal graft for total lunare reconstruction. <i>Journal of Orthopaedic Science</i> , 2020, 25, 354-358.	1.1	7
143	Endoplasmic reticulum stress transducer old astrocyte specifically induced substance contributes to astrogliosis after spinal cord injury. <i>Neural Regeneration Research</i> , 2018, 13, 536.	3.0	7
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