Mitsuo Ochi

List of Publications by Year
in descending order

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180	7,015	66343	71685
papers	citations	42 h-index	76 g-index

180	180	180	8489
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Comparison of Central Anatomic Single-Bundle Reconstruction and Anatomic Double-Bundle Reconstruction in Anteroposterior and Rotational Knee Stability: Intraoperative Biomechanical Evaluation. Journal of Knee Surgery, 2022, 35, 273-279.	1.6	5
2	Clinical outcomes of knee joint distraction combined with marrow stimulation procedures for patients with advanced knee osteoarthritis. Knee, 2021, 33, 342-350.	1.6	2
3	A vascularized medial femoral condyle cortico-periosteal graft for total lunate reconstruction. Journal of Orthopaedic Science, 2020, 25, 354-358.	1.1	7
4	Lipoma arborescens of the hip: A case report. Journal of Orthopaedic Science, 2020, 25, 188-192.	1.1	4
5	Evaluation of the intraoperative kinematics during double-bundle anterior cruciate ligament reconstruction using a navigation system. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2020, 19, 11-16.	1.0	0
6	In Vitro Safety and Quality of Magnetically Labeled Human Mesenchymal Stem Cells Preparation for Cartilage Repair. Tissue Engineering - Part C: Methods, 2019, 25, 324-333.	2.1	5
7	Coculturing of mesenchymal stem cells of different sources improved regenerative capability of osteochondral defect in the mature rabbit: An in vivo study. Journal of Orthopaedic Surgery, 2019, 27, 230949901983985.	1.0	4
8	Novel Nearâ€Infrared Fluorescenceâ€Guided Surgery With Vesicular Stomatitis Virus for Complete Surgical Resection of Osteosarcomas in Mice. Journal of Orthopaedic Research, 2019, 37, 1192-1201.	2.3	5
9	Lipoma arborescens in bilateral knee joints accompany gouty tophi: AÂcase-based review of the literature. Journal of Orthopaedic Science, 2019, 24, 184-188.	1.1	1
10	Role of Mesenchymal Stem Cells Densities When Injected as Suspension in Joints with Osteochondral Defects. Cartilage, 2019, 10, 61-69.	2.7	15
11	Metastatic tumor cells detection and antiâ€metastatic potential with vesicular stomatitis virus in immunocompetent murine model of osteosarcoma. Journal of Orthopaedic Research, 2018, 36, 2562-2569.	2.3	5
12	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
13	Monitoring immune response after allogeneic transplantation of mesenchymal stem cells for osteochondral repair. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e275-e286.	2.7	7
14	Local administration of WP9QY (W9) peptide promotes bone formation in a rat femur delayed-union model. Journal of Bone and Mineral Metabolism, 2018, 36, 383-391.	2.7	14
15	Posterior cruciate ligament is twisted and flat structure: new prospective on anatomical morphology. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 31-39.	4.2	16
16	Evidence that impaired motor conduction in the bilateral ulnar and tibial nerves underlies cervical spondylotic amyotrophy in patients with unilateral deltoid muscle atrophy. Spine Surgery and Related Research, 2018, 2, 23-29.	0.7	1
17	Magnetic cell delivery for the regeneration of musculoskeletal and neural tissues. Regenerative Therapy, 2018, 9, 116-119.	3.0	10
18	Magnetic Resonance Imaging Evaluation of Cartilage Repair and Iron Particle Kinetics After Magnetic Delivery of Stem Cells. Tissue Engineering - Part C: Methods, 2018, 24, 679-687.	2.1	3

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19	Developing Stem Cell-Based Therapeutic Strategies in Orthopaedic Surgery. Stem Cells International, 2018, 2018, 1-2.	2.5	0
20	Can arthroscopic Bankart repairs using suture anchors restore equivalent stability to open repairs in the management of traumatic anterior shoulder dislocation? A meta-analysis. Journal of Orthopaedic Science, 2018, 23, 935-941.	1.1	10
21	Novel Hybrid Hydroxyapatite Spacers Ensure Sufficient Bone Bonding in Cervical Laminoplasty. Asian Spine Journal, 2018, 12, 1078-1084.	2.0	8
22	Endoplasmic reticulum stress transducer old astrocyte specifically induced substance contributes to astrogliosis after spinal cord injury. Neural Regeneration Research, 2018, 13, 536.	3.0	7
23	Arthroscopic Treatment for Femoral Nerve Palsy Associated with Ganglion Cyst of the Hip: A Case Report. Journal of Orthopaedic Case Reports, 2018, 8, 74-77.	0.1	0
24	Stem cells in degenerative orthopaedic pathologies: effects of aging on therapeutic potential. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 626-636.	4.2	24
25	Technical Considerations and Accuracy Improvement of Accelerometer-Based Portable Computer Navigation for Performing Distal Femoral Resection in Total Knee Arthroplasty. Journal of Arthroplasty, 2017, 32, 53-60.	3.1	17
26	Ameloblastin induces tumor suppressive phenotype and enhances chemosensitivity to doxorubicin via Src-Stat3 inactivation in osteosarcoma. Scientific Reports, 2017, 7, 40187.	3.3	14
27	Gender differences in the restoration of knee joint biomechanics during gait after anterior cruciate ligament reconstruction. Knee, 2017, 24, 280-288.	1.6	19
28	Novel sluggish speed signs on ultrasound is indicative of hemangiomas. Acta Radiologica, 2017, 58, 1231-1237.	1.1	2
29	Chondrocyte Cell-Sheet Transplantation for Treating Monoiodoacetate-Induced Arthritis in Rats. Tissue Engineering - Part C: Methods, 2017, 23, 346-356.	2.1	6
30	Discrimination of a nerve fiber that is the origin of a cauda equina tumor using acetylcholinesterase staining. Neuropathology, 2017, 37, 415-419.	1.2	0
31	Value of diffusion-weighted imaging for evaluating chemotherapy response in osteosarcoma: A meta-analysis. Molecular and Clinical Oncology, 2017, 7, 88-92.	1.0	21
32	Correlation between â€œhourglassâ€like fascicular constrictionâ€•and idiopathic anterior interosseous nerve palsy. Muscle and Nerve, 2017, 55, 508-512.	2.2	20
33	Comparison of fibrin clots derived from peripheral blood and bone marrow. Connective Tissue Research, 2017, 58, 208-214.	2.3	16
34	Rotational Acetabular Osteotomy. JBJS Essential Surgical Techniques, 2017, 7, e36.	0.8	3
35	Quality Evaluation of Human Bone Marrow Mesenchymal Stem Cells for Cartilage Repair. Stem Cells International, 2017, 2017, 1-9.	2.5	16
36	Therapeutic Potential of Multilineage-Differentiating Stress-Enduring Cells for Osteochondral Repair in a Rat Model. Stem Cells International, 2017, 2017, 1-8.	2.5	13

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37	Magnetic Targeted Delivery of Induced Pluripotent Stem Cells Promotes Articular Cartilage Repair. Stem Cells International, 2017, 2017, 1-7.	2.5	13
38	The Use of Endothelial Progenitor Cells for the Regeneration of Musculoskeletal and Neural Tissues. Stem Cells International, 2017, 2017, 1-7.	2.5	25
39	Diagnosis of Partial ACL Rupture. , 2017, , 301-311.		1
40	ACL Augmentation. , 2017, , 313-324.		0
41	Healing Potential of the Cartilage Correlates with Location on the Femoral Head: A Basic Research Using a Rabbit Model. HIP International, 2016, 26, 31-35.	1.7	9
42	Autologous bone grafts with MSCs or FGF-2 accelerate bone union in large bone defects. Journal of Orthopaedic Surgery and Research, 2016, 11, 105.	2.3	6
43	The role of tetraspanin CD9 in osteoarthritis using three different mouse models . Biomedical Research, 2016, 37, 283-291.	0.9	5
44	Attenuation of cartilage degeneration by calcitonin geneâ€related paptide receptor antagonist via inhibition of subchondral bone sclerosis in osteoarthritis mice. Journal of Orthopaedic Research, 2016, 34, 1177-1184.	2.3	25
45	Tissue Engineering Approach for ACL Healing. , 2016, , 549-562.		1
46	Expression of Inflammation/Pain-Related Genes in the Dorsal Root Ganglion following Disc Puncture in Rats. Journal of Orthopaedic Surgery, 2016, 24, 106-112.	1.0	7
47	Unique Anatomic Feature of the Posterior Cruciate Ligament in Knees Associated With Osteochondritis Dissecans. Orthopaedic Journal of Sports Medicine, 2016, 4, 232596711664813.	1.7	11
48	Percent slope analysis of dynamic magnetic resonance imaging for assessment of chemotherapy response of osteosarcoma or Ewing sarcoma: systematic review and meta-analysis. Skeletal Radiology, 2016, 45, 1235-1242.	2.0	30
49	Anterior Inferior Iliac Spine Bone Morphology in Hip Dysplasia and Its Effect on Hip Range of Motion in Total Hip Arthroplasty. Journal of Arthroplasty, 2016, 31, 2058-2063.	3.1	16
50	Inhibition of microRNA-222 expression accelerates bone healing with enhancement of osteogenesis, chondrogenesis, and angiogenesis in a rat refractory fracture model. Journal of Orthopaedic Science, 2016, 21, 852-858.	1.1	51
51	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. Skeletal Radiology, 2016, 45, 1357-1363.	2.0	12
52	Cell Magnetic Targeting System for Repair of Severe Chronic Osteochondral Defect in a Rabbit Model. Cell Transplantation, 2016, 25, 1073-1083.	2.5	35
53	Mesenchymal Stem Cell-Derived Exosomes Promote Fracture Healing in a Mouse Model. Stem Cells Translational Medicine, 2016, 5, 1620-1630.	3.3	325
54	Characteristics of thoracic and lumbar movements during gait in lumbar spinal stenosis patients before and after decompression surgery. Clinical Biomechanics, 2016, 40, 45-51.	1.2	20

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55	Differences in joint morphology between the knee and ankle affect the repair of osteochondral defects in a rabbit model. Journal of Orthopaedic Surgery and Research, 2016, 11, 110.	2.3	2
56	Once-weekly teriparatide administration for an Anderson type II odontoid fracture in an elderly patient: A case report. Journal of Orthopaedic Science, 2016, 21, 875-878.	1.1	0
57	Tissue-engineered cartilage implantation for the chondral lesion in a patient with multiple epiphyseal dysplasia. Journal of Orthopaedic Science, 2016, 21, 91-96.	1.1	1
58	Rotational Acetabular Osteotomy for Pre- and Early Osteoarthritis Secondary to Dysplasia Provides Durable Results at 20 Years. Clinical Orthopaedics and Related Research, 2016, 474, 2145-2153.	1.5	59
59	Morphologic evaluation of remnant anterior cruciate ligament bundles after injury with three-dimensional computed tomography. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 148-153.	4.2	12
60	Multilayer scaffolds in orthopaedic tissue engineering. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 2365-2373.	4.2	48
61	Prognostic significance of 18F-FDG PET at diagnosis in patients with soft tissue sarcoma and bone sarcoma; systematic review and meta-analysis. European Journal of Cancer, 2016, 58, 104-111.	2.8	65
62	Knee biomechanics during walking in recurrent lateral patellar dislocation are normalized by 1Âyear after medial patellofemoral ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 3254-3261.	4.2	21
63	Intra-operative gaps affect outcome and postoperative kinematics in vivo following cruciate-retaining total knee arthroplasty. International Orthopaedics, 2016, 40, 41-49.	1.9	15
64	The influence of stem offset and neck shaft angles on the range of motion in total hip arthroplasty. International Orthopaedics, 2016, 40, 245-253.	1.9	25
65	Courses of change in knee adduction moment and lateral thrust differ up to 1Âyear after TKA. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 2506-2511.	4.2	10
66	Unique patellofemoral alignment in a patient with a symptomatic bipartite patella. Knee, 2016, 23, 127-132.	1.6	9
67	History and Advantages of ACL Augmentation. , 2016, , 335-348.		1
68	More than 20-year Follow-Up After Vascularised Fibula Head Graft for Oncological Shoulder Joint Reconstruction. Anticancer Research, 2016, 36, 301-5.	1.1	2
69	In Vivo Kinetics of Mesenchymal Stem Cells Transplanted into the Knee Joint in a Rat Model Using a Novel Magnetic Method of Localization. Clinical and Translational Science, 2015, 8, 467-474.	3.1	13
70	Prognostic value of SS18â€“SSX fusion type in synovial sarcoma; systematic review and meta-analysis. SpringerPlus, 2015, 4, 375.	1.2	19
71	Combination therapy with intraâ€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
72	Evaluation of Single-Bundle versus Double-Bundle PCL Reconstructions with More Than 10-Year Follow-Up. Scientific World Journal, The, 2015, 2015, 1-5.	2.1	17

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73	Prognostic value of PAX3/7â€“FOXO1 fusion status in alveolar rhabdomyosarcoma: Systematic review and meta-analysis. Critical Reviews in Oncology/Hematology, 2015, 96, 46-53.	4.4	31
74	Bach1 deficiency reduces severity of osteoarthritis through upregulation of heme oxygenase-1. Arthritis Research and Therapy, 2015, 17, 285.	3.5	65
75	Posterior tibial displacement in the PCL-deficient knee is reduced compared to the normal knee during gait. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3251-3258.	4.2	14
76	Quantitative 201thallium scintigraphy for prediction of histological response to neoadjuvant chemotherapy in osteosarcoma; systematic review and meta-analysis. Surgical Oncology, 2015, 24, 194-199.	1.6	10
77	The effect of anti-gravity treadmill training for prosthetic rehabilitation of a case with below-knee amputation. Prosthetics and Orthotics International, 2015, 39, 502-506.	1.0	18
78	Distraction Arthroplasty With Arthroscopic Microfracture in a Patient With Rheumatoid Arthritis of the Ankle Joint. Journal of Foot and Ankle Surgery, 2015, 54, 280-284.	1.0	11
79	Large animal models in experimental knee sports surgery: focus on clinical translation. Journal of Experimental Orthopaedics, 2015, 2, 9.	1.8	31
80	Inclusion and Exclusion Criteria in the Diagnosis of Femoroacetabular Impingement. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2015, 31, 1403-1410.	2.7	38
81	Mesenchymalâ€stemâ€cellâ€derived exosomes accelerate skeletal muscle regeneration. FEBS Letters, 2015, 589, 1257-1265.	2.8	420
82	Symmetrical peripheral gangrene caused by septic shock. Case Reports in Plastic Surgery & Hand Surgery, 2015, 2, 53-56.	0.3	17
83	Electrophysiological assessments of the motor pathway in diabetic patients with compressive cervical myelopathy. Journal of Neurosurgery: Spine, 2015, 23, 707-714.	1.7	13
84	Low femoral antetorsion as a risk factor for bony impingement after bipolar hemiarthroplasty. Journal of Orthopaedic Surgery and Research, 2015, 10, 105.	2.3	9
85	Promotion of skeletal muscle repair in a rat skeletal muscle injury model by local injection of human adipose tissue-derived regenerative cells. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 1150-1160.	2.7	14
86	Transtrochanteric rotational osteotomy combined with intra-articular procedures for pigmented villonodular synovitis of the hip. Journal of Orthopaedic Science, 2015, 20, 943-950.	1.1	8
87	MicroRNAs and Bone Regeneration. Current Genomics, 2015, 16, 441-452.	1.6	40
88	Balance Ability and Proprioception after Single-Bundle, Single-Bundle Augmentation, and Double-Bundle ACL Reconstruction. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	24
89	The dorsolateral prefrontal network is involved in pain perception in knee osteoarthritis patients. Neuroscience Letters, 2014, 581, 109-114.	2.1	29
90	Correlation Between Subchondral Bone Plate Thickness and Cartilage Degeneration in Osteoarthritis of the Ankle. Foot and Ankle International, 2014, 35, 1341-1349.	2.3	29

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91	An Augmentation Suture Technique for Arthroscopic Rotator Cuff Repair. Arthroscopy Techniques, 2014, 3, e313-e315.	1.3	4
92	Differences between opening versus closing high tibial osteotomy on clinical outcomes and gait analysis. Knee, 2014, 21, 1046-1051.	1.6	31
93	T2 Mapping Magnetic Resonance Imaging Encourages anÂArthroscopic Approach for Osteoid Osteoma in theÂAcetabulum. Arthroscopy Techniques, 2014, 3, e251-e254.	1.3	7
94	Exosome-formed synthetic microRNA-143 is transferred to osteosarcoma cells and inhibits their migration. Biochemical and Biophysical Research Communications, 2014, 445, 381-387.	2.1	213
95	Regenerative medicine in orthopedics using cells, scaffold, and microRNA. Journal of Orthopaedic Science, 2014, 19, 521-528.	1.1	21
96	High flexion knee arthroplasty: the relationship between rotational angles and flexion angle after total knee arthroplasty. Current Reviews in Musculoskeletal Medicine, 2014, 7, 103-107.	3.5	0
97	Mechanical properties of suspensory fixation devices for anterior cruciate ligament reconstruction: Comparison of the fixed-length loop device versus the adjustable-length loop device. Knee, 2014, 21, 743-748.	1.6	88
98	Augmentation of Tendon-to-Bone Healing. Journal of Bone and Joint Surgery - Series A, 2014, 96, 513-521.	3.0	105
99	Intra-articular osteoid osteoma of the lateral tibial plateau treated with arthroscopically assisted removal and retrograde osteochondral grafting. Knee, 2014, 21, 343-348.	1.6	10
100	Bony impingement depends on the bone morphology of the hip after total hip arthroplasty. International Orthopaedics, 2013, 37, 1897-1903.	1.9	28
101	Overexpression of microRNA-223 in rheumatoid arthritis synovium controls osteoclast differentiation. Modern Rheumatology, 2013, 23, 674-685.	1.8	107
102	Articular Cartilage Repair With Magnetic Mesenchymal Stem Cells. American Journal of Sports Medicine, 2013, 41, 1255-1264.	4.2	59
103	Cartilage Repair: 2013 Asian Update. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2013, 29, 1992-2000.	2.7	7
104	Magnetic Targeting of Human Peripheral Blood CD133+Cells for Skeletal Muscle Regeneration. Tissue Engineering - Part C: Methods, 2013, 19, 631-641.	2.1	6
105	Augmentation Technique for Anterior Cruciate Ligament Injury. Clinics in Sports Medicine, 2013, 32, 127-140.	1.8	42
106	Shinya Yamanakaâ€™s 2012 Nobel Prize and the radical change in orthopedic strategy thanks to his discovery of iPS cells. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 84, 1-3.	3.3	6
107	A new distraction arthroplasty device using magnetic force; a cadaveric study. Clinical Biomechanics, 2013, 28, 423-428.	1.2	9
108	Ex-vivo expanded human blood-derived CD133+ cells promote repair of injured spinal cord. Journal of the Neurological Sciences, 2013, 328, 41-50.	0.6	32

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109	Mesenchymal Stromal Cell Transplantation in the Regeneration of Articular Cartilage and Bone Using a Magnetic Cell Delivery System. Journal of the American Academy of Orthopaedic Surgeons, The, 2013, 21, 61-62.	2.5	2
110	Diversity of angiogenesis among malignant bone tumors. Molecular and Clinical Oncology, 2013, 1, 131-136.	1.0	13
111	The therapeutic potential of ex vivo expanded CD133+ cells derived from human peripheral blood for peripheral nerve injuries. Journal of Neurosurgery, 2012, 117, 787-794.	1.6	11
112	Changes in microRNA expression in peripheral mononuclear cells according to the progression of osteoarthritis. Modern Rheumatology, 2012, 22, 446-457.	1.8	61
113	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
114	Magnetic Fieldâ€“Based Delivery of Human CD1331 Cells Promotes Functional Recovery After Rat Spinal Cord Injury. Spine, 2012, 37, E768-E777.	2.0	13
115	Heme oxygenase-1 modulates degeneration of the intervertebral disc after puncture in Bach 1 deficient mice. European Spine Journal, 2012, 21, 1748-1757.	2.2	23
116	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
117	Endothelial Progenitor Cells Promote Astrogliosis following Spinal Cord Injury through Jagged1-Dependent Notch Signaling. Journal of Neurotrauma, 2012, 29, 1758-1769.	3.4	31
118	Contribution of bone marrowâ€derived endothelial progenitor cells to neovascularization and astrogliosis following spinal cord injury. Journal of Neuroscience Research, 2012, 90, 2281-2292.	2.9	23
119	The relationship of anterior and rotatory laxity between surgical navigation and clinical outcome after ACL reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 778-784.	4.2	28
120	Effects of knee immobilization on morphological changes in the semitendinosus muscle-tendon complex after hamstring harvesting for anterior cruciate ligament reconstruction: evaluation using threeâ€dimensional computed tomography. Journal of Orthopaedic Science, 2012, 17, 39-45.	1.1	11
121	The Transverse Ligament as a Landmark for Tibial Sagittal Insertions of the Anterior Cruciate Ligament: A Cadaveric Study. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2011, 27, 1395-1399.	2.7	23
122	Therapeutic Effects With Magnetic Targeting of Bone Marrow Stromal Cells in a Rat Spinal Cord Injury Model. Spine, 2011, 36, 933-938.	2.0	33
123	Double bundle arthroscopic Anterior Cruciate Ligament reconstruction with remnant preserving technique using a hamstring autograft. The Sports Medicine, Arthroscopy, Rehabilitationrapy and Technology, 2011, 3, 30.	1.0	36
124	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. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 1868-1875.	4.2	27
125	Prevention of osteonecrosis by intravenous administration of human peripheral blood-derived CD34-positive cells in a rat osteonecrosis model. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 32-40.	2.7	15
126	Articular cartilage repair using an intraâ€articular magnet and synoviumâ€derived cells. Journal of Orthopaedic Research, 2011, 29, 531-538.	2.3	46

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127	Lnk Deletion Reinforces the Function of Bone Marrow Progenitors in Promoting Neovascularization and Astrogliosis Following Spinal Cord Injury. Stem Cells, 2010, 28, 365-375.	3.2	40
128	Augmentation Procedure for Partial Rupture of the Anterior Cruciate Ligament. Techniques in Knee Surgery, 2010, 9, 194-200.	0.1	2
129	Evaluation of anterior talofibular ligament injury with stress radiography, ultrasonography and MR imaging. Skeletal Radiology, 2010, 39, 41-47.	2.0	152
130	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. Archives of Orthopaedic and Trauma Surgery, 2010, 130, 231-236.	2.4	13
131	Acceleration of muscle regeneration by local injection of muscleâ€specific microRNAs in rat skeletal muscle injury model. Journal of Cellular and Molecular Medicine, 2010, 14, 2495-2505.	3.6	188
132	In vitro cartilage formation using TGFâ€î²â€immobilized magnetic beads and mesenchymal stem cellâ€magnetic bead complexes under magnetic field conditions. Journal of Biomedical Materials Research - Part A, 2010, 92A, 196-204.	4.0	23
133	The effect of an external magnetic force on cell adhesion and proliferation of magnetically labeled mesenchymal stem cells. BMC Sports Science, Medicine and Rehabilitation, 2010, 2, 5.	1.7	15
134	CD133 + cells from human umbilical cord blood reduce cortical damage and promote axonal growth in neonatal rat organ coâ€cultures exposed to hypoxia. International Journal of Developmental Neuroscience, 2010, 28, 581-587.	1.6	21
135	Biomechanical Function of Anterior Cruciate Ligament Remnants: How Long Do They Contribute to Knee Stability After Injury in Patients With Complete Tears?. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2010, 26, 1577-1585.	2.7	77
136	Regeneration of peripheral nerve after transplantation of CD133+ cells derived from human peripheral blood. Journal of Neurosurgery, 2009, 110, 758-767.	1.6	25
137	Intraoperative evaluation of anteroposterior and rotational stabilities in anterior cruciate ligament reconstruction: lower femoral tunnel placed single-bundle versus double-bundle reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 907-913.	4.2	97
138	Acceleration of Skeletal Muscle Regeneration in a Rat Skeletal Muscle Injury Model by Local Injection of Human Peripheral Blood-Derived CD133-Positive Cells. Stem Cells, 2009, 27, 949-960.	3.2	82
139	Challenging for cartilage repair. BMC Sports Science, Medicine and Rehabilitation, 2009, 1, 13.	1.7	1
140	A Minimum 2-Year Follow-up After Selective Anteromedial or Posterolateral Bundle Anterior Cruciate Ligament Reconstruction. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2009, 25, 117-122.	2.7	142
141	Augmentation of Degenerated Human Cartilage In Vitro Using Magnetically Labeled Mesenchymal Stem Cells and an External Magnetic Device. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2009, 25, 1435-1441.	2.7	29
142	Administration of Human Peripheral Blood-Derived CD133+ Cells Accelerates Functional Recovery in a Rat Spinal Cord Injury Model. Spine, 2009, 34, 249-254.	2.0	30
143	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
144	Magnetic force-assisted meniscal resection under arthroscopy. Knee Surgery, Sports Traumatology, Arthroscopy, 2008, 16, 916-920.	4.2	0

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145	Oxidative stress reaction in the meniscus of Bach 1 deficient mice: Potential prevention of meniscal degeneration. Journal of Orthopaedic Research, 2008, 26, 894-898.	2.3	20
146	Accumulation of magnetically labeled rat mesenchymal stem cells using an external magnetic force, and their potential for bone regeneration. Journal of Biomedical Materials Research - Part A, 2008, 85A, 597-604.	4.0	17
147	A Novel Cell Delivery System Using Magnetically Labeled Mesenchymal Stem Cells and an External Magnetic Device for Clinical Cartilage Repair. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2008, 24, 69-76.	2.7	104
148	Modulation of the secondary injury process after spinal cord injury in Bach1-deficient mice by heme oxygenaseâ€“1. Journal of Neurosurgery: Spine, 2008, 9, 611-620.	1.7	22
149	The Relationship between Pelvic Rotation and Trunk Lean Motion during Walking in Patients with Symptomatic Knee Osteoarthritis. Rigakuryoho Kagaku, 2008, 23, 163-167.	0.1	1
150	CD133+ cells from human peripheral blood promote corticospinal axon regeneration. NeuroReport, 2008, 19, 799-803.	1.2	10
151	Transplantation of bone marrow mononuclear cells enables simultaneous treatment with osteotomy for osteonecrosis of the bilateral femoral head. Medical Science Monitor, 2008, 14, CS23-30.	1.1	13
152	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
153	Osteonecrosis of the Knee Treated with a Tissue-Engineered Cartilage and Bone Implant. Journal of Bone and Joint Surgery - Series A, 2007, 89, 2752-2757.	3.0	22
154	BDNF, NT-3, and NGF Released From Transplanted Neural Progenitor Cells Promote Corticospinal Axon Growth in Organotypic Cocultures. Spine, 2007, 32, 1272-1278.	2.0	128
155	Magnetically Labeled Neural Progenitor Cells, Which Are Localized by Magnetic Force, Promote Axon Growth in Organotypic Cocultures. Spine, 2007, 32, 2300-2305.	2.0	31
156	Intra-articular Injection of Mesenchymal Stromal Cells in Partially Torn Anterior Cruciate Ligaments in a Rat Model. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2007, 23, 610-617.	2.7	107
157	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
158	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. Artificial Organs, 2007, 32, 070802063815010-???.	1.9	19
159	Anterior Cruciate Ligament Augmentation Procedure With a 1-incision Technique: Anteromedial Bundle or Posterolateral Bundle Reconstruction. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2006, 22, 463.e1-463.e5.	2.7	171
160	Magnetic targeting of bone marrow stromal cells into spinal cord: through cerebrospinal fluid. NeuroReport, 2006, 17, 1269-1272.	1.2	58
161	Mobilization of bone marrow-derived mesenchymal stem cells into the injured tissues after intraarticular injection and their contribution to tissue regeneration. Knee Surgery, Sports Traumatology, Arthroscopy, 2006, 14, 1307-1314.	4.2	207
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