

Takeshi Muneta

List of Publications by Year in descending order

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264
papers

13,735
citations

22153

59
h-index

26613

107
g-index

270
all docs

270
docs citations

270
times ranked

9932
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of human stem cells derived from various mesenchymal tissues: Superiority of synovium as a cell source. <i>Arthritis and Rheumatism</i> , 2005, 52, 2521-2529.	6.7	1,314
2	Comparison of rat mesenchymal stem cells derived from bone marrow, synovium, periosteum, adipose tissue, and muscle. <i>Cell and Tissue Research</i> , 2007, 327, 449-462.	2.9	630
3	A Prospective Randomized Study of 4-Strand Semitendinosus Tendon Anterior Cruciate Ligament Reconstruction Comparing Single-Bundle and Double-Bundle Techniques. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2007, 23, 618-628.	2.7	388
4	Two-Bundle Reconstruction of the Anterior Cruciate Ligament Using Semitendinosus Tendon With Endobuttons: Operative Technique and Preliminary Results. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1999, 15, 618-624.	2.7	319
5	Humeral Insertion of the Supraspinatus and Infraspinatus. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 962-969.	3.0	277
6	In vitro chondrogenesis of human synovium-derived mesenchymal stem cells: Optimal condition and comparison with bone marrow-derived cells. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 84-97.	2.6	270
7	Comparison of mesenchymal tissues-derived stem cells for in vivo chondrogenesis: suitable conditions for cell therapy of cartilage defects in rabbit. <i>Cell and Tissue Research</i> , 2008, 333, 207-215.	2.9	261
8	Higher chondrogenic potential of fibrous synovium-derived and adipose synovium-derived cells compared with subcutaneous fat-derived cells: Distinguishing properties of mesenchymal stem cells in humans. <i>Arthritis and Rheumatism</i> , 2006, 54, 843-853.	6.7	255
9	Intra-articular Injected Synovial Stem Cells Differentiate into Meniscal Cells Directly and Promote Meniscal Regeneration Without Mobilization to Distant Organs in Rat Massive Meniscal Defect. <i>Stem Cells</i> , 2009, 27, 878-887.	3.2	225
10	Cadaveric Knee Observation Study for Describing Anatomic Femoral Tunnel Placement for Two-Bundle Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2006, 22, 356-361.	2.7	215
11	Suspended cells from trabecular bone by collagenase digestion become virtually identical to mesenchymal stem cells obtained from marrow aspirates. <i>Blood</i> , 2004, 104, 2728-2735.	1.4	206
12	Arthroscopic Transplantation of Synovial Stem Cells Improves Clinical Outcomes in Knees With Cartilage Defects. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 2316-2326.	1.5	184
13	Intercondylar Notch Width and Its Relation to the Configuration and Cross-Sectional Area of the Anterior Cruciate Ligament. <i>American Journal of Sports Medicine</i> , 1997, 25, 69-72.	4.2	179
14	Mesenchymal stem cells derived from synovium, meniscus, anterior cruciate ligament, and articular chondrocytes share similar gene expression profiles. <i>Journal of Orthopaedic Research</i> , 2009, 27, 435-441.	2.3	179
15	Human mesenchymal stem cells in synovial fluid increase in the knee with degenerated cartilage and osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2012, 30, 943-949.	2.3	177
16	Synovial mesenchymal stem cells accelerate early remodeling of tendon-bone healing. <i>Cell and Tissue Research</i> , 2008, 332, 469-478.	2.9	168
17	Local adherent technique for transplanting mesenchymal stem cells as a potential treatment of cartilage defect. <i>Arthritis Research and Therapy</i> , 2008, 10, R84.	3.5	168
18	Synovial Stem Cells Are Regionally Specified According to Local Microenvironments After Implantation for Cartilage Regeneration. <i>Stem Cells</i> , 2007, 25, 689-696.	3.2	167

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19	Increased proliferation of human synovial mesenchymal stem cells with autologous human serum: Comparisons with bone marrow mesenchymal stem cells and with fetal bovine serum. <i>Arthritis and Rheumatism</i> , 2008, 58, 501-510.	6.7	155
20	Mesenchymal stem cell-based therapy for cartilage repair: a review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 1289-1297.	4.2	150
21	Intradiscal transplantation of synovial mesenchymal stem cells prevents intervertebral disc degeneration through suppression of matrix metalloproteinase-related genes in nucleus pulposus cells in rabbits. <i>Arthritis Research and Therapy</i> , 2010, 12, R206.	3.5	126
22	A Technique for Reconstruction of the Medical Patellofemoral Ligament. <i>Clinical Orthopaedics and Related Research</i> , 1999, 359, 151-155.	1.5	113
23	Step-by-step measurements of soft tissue balancing during total knee arthroplasty for patients with varus knees. <i>Journal of Arthroplasty</i> , 2003, 18, 313-320.	3.1	113
24	A New Pain Provocation Test for Superior Labral Tears of the Shoulder. <i>American Journal of Sports Medicine</i> , 1999, 27, 137-142.	4.2	112
25	Anatomy of Normal Human Anterior Cruciate Ligament Attachments Evaluated by Divided Small Bundles. <i>American Journal of Sports Medicine</i> , 2009, 37, 2386-2391.	4.2	111
26	Arthroscopic, histological and MRI analyses of cartilage repair after a minimally invasive method of transplantation of allogeneic synovial mesenchymal stromal cells into cartilage defects in pigs. <i>Cytotherapy</i> , 2012, 14, 327-338.	0.7	110
27	Synovial mesenchymal stem cells promote healing after meniscal repair in microminipigs. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1007-1017.	1.3	110
28	Effects of Different Cell-Detaching Methods on the Viability and Cell Surface Antigen Expression of Synovial Mesenchymal Stem Cells. <i>Cell Transplantation</i> , 2017, 26, 1089-1102.	2.5	110
29	Regression of Cervical Disc Herniation Observed on Magnetic Resonance Images. <i>Spine</i> , 1998, 23, 990-995.	2.0	109
30	The effects of tibial tunnel placement and roofplasty on reconstructed anterior cruciate ligament knees. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1995, 11, 57-62.	2.7	107
31	Humeral Insertion of the Supraspinatus and Infraspinatus. New Anatomical Findings Regarding the Footprint of the Rotator Cuff. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 1-7.	3.0	107
32	Arthroscopic evaluation of the articular cartilage after anterior cruciate ligament reconstruction: A short-term prospective study of 105 patients. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2004, 20, 474-481.	2.7	106
33	Mesenchymal Stem Cells in Synovial Fluid Increase After Meniscus Injury. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 1357-1364.	1.5	105
34	Contrast-Enhanced Magnetic Resonance Imaging in Conservative Management of Lumbar Disc Herniation. <i>Spine</i> , 1998, 23, 67-73.	2.0	100
35	Monoiodoacetic acid induces arthritis and synovitis in rats in a dose- and time-dependent manner: proposed model-specific scoring systems. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1284-1291.	1.3	100
36	Dynamic Motion Study of the Whole Lumbar Spine by Videofluoroscopy. <i>Spine</i> , 1998, 23, 1743-1749.	2.0	96

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37	In vitro cartilage formation of composites of synovium-derived mesenchymal stem cells with collagen gel. <i>Cell and Tissue Research</i> , 2005, 322, 289-298.	2.9	96
38	Properties and usefulness of aggregates of synovial mesenchymal stem cells as a source for cartilage regeneration. <i>Arthritis Research and Therapy</i> , 2012, 14, R136.	3.5	95
39	A Retrospective Study of the Midterm Outcome of Two-Bundle Anterior Cruciate Ligament Reconstruction Using Quadrupled Semitendinosus Tendon in Comparison With One-Bundle Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2006, 22, 252-258.	2.7	94
40	Anatomic and histologic analysis of the mid-substance and fan-like extension fibres of the anterior cruciate ligament during knee motion, with special reference to the femoral attachment. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 336-344.	4.2	91
41	Analysis of the chondrogenic potential of human synovial stem cells according to harvest site and culture parameters in knees with medial compartment osteoarthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 1389-1398.	6.7	88
42	Intraarticular injection of synovial stem cells promotes meniscal regeneration in a rabbit massive meniscal defect model. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1354-1359.	2.3	85
43	Purified Human Synovium Mesenchymal Stem Cells as a Good Resource for Cartilage Regeneration. <i>PLoS ONE</i> , 2015, 10, e0129096.	2.5	85
44	Anatomic study of the attachment of the medial patellofemoral ligament and its characteristic relationships to the vastus intermedius. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 305-310.	4.2	83
45	Transcription factor Mohawk controls tenogenic differentiation of bone marrow mesenchymal stem cells in vitro and in vivo. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1-8.	2.3	83
46	Arthroscopic meniscal repair in conjunction with anterior cruciate ligament reconstruction: Factors affecting the healing rate. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1996, 12, 541-545.	2.7	82
47	Significance of the Single-Legged Hop Test to the Anterior Cruciate Ligament-Reconstructed Knee in Relation to Muscle Strength and Anterior Laxity. <i>American Journal of Sports Medicine</i> , 1998, 26, 384-388.	4.2	80
48	Incidence and risk factors for medial tibial stress syndrome and tibial stress fracture in high school runners. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 556-563.	4.2	80
49	Isolation and Characterization of Multipotential Mesenchymal Cells from the Mouse Synovium. <i>PLoS ONE</i> , 2012, 7, e45517.	2.5	78
50	Computerized Tomographic Analysis of Tibial Tubercle Position in the Painful Female Patellofemoral Joint. <i>American Journal of Sports Medicine</i> , 1994, 22, 67-71.	4.2	76
51	Methylation status of CpG islands in the promoter regions of signature genes during chondrogenesis of human synovium-derived mesenchymal stem cells. <i>Arthritis and Rheumatism</i> , 2009, 60, 1416-1426.	6.7	76
52	Morphological examination during in vitro cartilage formation by human mesenchymal stem cells. <i>Cell and Tissue Research</i> , 2005, 322, 217-226.	2.9	74
53	Visual analog scale assessment after medial patellofemoral ligament reconstruction: with or without tibial tubercle transfer. <i>Journal of Orthopaedic Science</i> , 2008, 13, 32-38.	1.1	71
54	Prevention of cartilage destruction with intraarticular osteoclastogenesis inhibitory factor/osteoprotegerin in a murine model of osteoarthritis. <i>Arthritis and Rheumatism</i> , 2007, 56, 3358-3365.	6.7	69

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55	Healing Potential of Meniscal Tears without Repair in Knees with Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2004, 32, 1953-1961.	4.2	68
56	Two-Year Outcomes After Arthroscopic Lateral Meniscus Centralization. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 2000-2008.	2.7	68
57	Augmentation of the Pullout Repair of a Medial Meniscus Posterior Root Tear by Arthroscopic Centralization. <i>Arthroscopy Techniques</i> , 2017, 6, e1335-e1339.	1.3	66
58	Additional Use of Synovial Mesenchymal Stem Cell Transplantation Following Surgical Repair of a Complex Degenerative Tear of the Medial Meniscus of the Knee: A Case Report. <i>Cell Transplantation</i> , 2019, 28, 1445-1454.	2.5	66
59	Quantitative Analysis of Synovial Fibrosis in the Infrapatellar Fat Pad Before and After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 1997, 25, 29-34.	4.2	63
60	DETAILED EXAMINATION OF CARTILAGE FORMATION and ENDOCHONDRAL OSSIFICATION USING HUMAN MESENCHYMAL STEM CELLS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 561-570.	1.9	61
61	Weekly intra-articular injections of bone morphogenetic protein-7 inhibits osteoarthritis progression. <i>Arthritis Research and Therapy</i> , 2008, 10, R118.	3.5	61
62	Transplantation of aggregates of synovial mesenchymal stem cells regenerates meniscus more effectively in a rat massive meniscal defect. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 603-609.	2.1	59
63	Transplantation of autologous synovial mesenchymal stem cells promotes meniscus regeneration in aged primates. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1274-1282.	2.3	59
64	Immunohistologic Analysis of Synovium in Infrapatellar Fat Pad After Anterior Cruciate Ligament Injury. <i>American Journal of Sports Medicine</i> , 1995, 23, 763-768.	4.2	58
65	Effects of Local Administration of Vascular Endothelial Growth Factor on Properties of the in Situ Frozen-Thawed Anterior Cruciate Ligament in Rabbits. <i>American Journal of Sports Medicine</i> , 2006, 34, 84-91.	4.2	58
66	Graft length change and radiographic assessment of femoral drill hole position for medial patellofemoral ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 400-407.	4.2	58
67	Scoliosis in osteogenesis imperfecta caused by COL1A1/COL1A2 mutations " genotype " phenotype correlations and effect of bisphosphonate treatment. <i>Bone</i> , 2016, 86, 53-57.	2.9	58
68	Relationship between changes in length and force in in vitro reconstructed anterior cruciate ligament. <i>American Journal of Sports Medicine</i> , 1993, 21, 299-304.	4.2	56
69	Hyperbaric oxygen reduces inflammation, oxygenates injured muscle, and regenerates skeletal muscle via macrophage and satellite cell activation. <i>Scientific Reports</i> , 2018, 8, 1288.	3.3	54
70	Pes anserinus: Layered supportive structure on the medial side of the knee. <i>Clinical Anatomy</i> , 2004, 17, 50-54.	2.7	52
71	Lateral meniscus posterior root tear contributes to anterolateral rotational instability and meniscus extrusion in anterior cruciate ligament-injured patients. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1174-1181.	4.2	52
72	The short-term effect after a single injection of high-molecular-weight hyaluronic acid in patients with enthesopathies (lateral epicondylitis, patellar tendinopathy, insertional Achilles tendinopathy,) Tj ETQq0 0 0 rgBI /Overlook 10 Tf 50		

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73	Synovial Mesenchymal Stem Cells Promote Meniscus Regeneration Augmented by an Autologous Achilles Tendon Graft in a Rat Partial Meniscus Defect Model. <i>Stem Cells</i> , 2015, 33, 1927-1938.	3.2	51
74	Remnant volume of anterior cruciate ligament correlates preoperative patients' status and postoperative outcome. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 906-913.	4.2	50
75	Transplantation of Achilles Tendon Treated With Bone Morphogenetic Protein 7 Promotes Meniscus Regeneration in a Rat Model of Massive Meniscal Defect. <i>Arthritis and Rheumatism</i> , 2013, 65, 2876-2886.	6.7	49
76	Risk factors for residual pivot shift after anterior cruciate ligament reconstruction: data from the MAKS group. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3724-3730.	4.2	49
77	Subtalar instability following lateral ligament injuries of the ankle. <i>Injury</i> , 1998, 29, 265-268.	1.7	48
78	Mid- to Long-term Results of Single-Bundle Versus Double-Bundle Anterior Cruciate Ligament Reconstruction: Randomized Controlled Trial. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 69-76.	2.7	48
79	Hyaluronan injection therapy for athletic patients with patellar tendinopathy. <i>Journal of Orthopaedic Science</i> , 2012, 17, 425-431.	1.1	47
80	Autologous synovial fluid enhances migration of mesenchymal stem cells from synovium of osteoarthritis patients in tissue culture system. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1413-1418.	2.3	46
81	Periodic knee injections of BMP-7 delay cartilage degeneration induced by excessive running in rats. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1088-1092.	2.3	46
82	Arthroscopic Centralization of an Extruded Lateral Meniscus. <i>Arthroscopy Techniques</i> , 2012, 1, e209-e212.	1.3	46
83	Evaluation of magnetic resonance imaging and clinical outcome after tissue-engineered cartilage implantation: prospective 6-year follow-up study. <i>Journal of Orthopaedic Science</i> , 2012, 17, 413-424.	1.1	45
84	Case Report Intra-articular Detachment of the Endobutton More Than 18 Months After Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1999, 15, 775-778.	2.7	44
85	Surgical management of grade 3 medial knee injuries combined with cruciate ligament injuries. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 88-94.	4.2	44
86	Centralization of extruded medial meniscus delays cartilage degeneration in rats. <i>Journal of Orthopaedic Science</i> , 2017, 22, 542-548.	1.1	44
87	Human Sclera Maintains Common Characteristics with Cartilage throughout Evolution. <i>PLoS ONE</i> , 2008, 3, e3709.	2.5	44
88	Exogenous synovial stem cells adhere to defect of meniscus and differentiate into cartilage cells. <i>Journal of Medical and Dental Sciences</i> , 2008, 55, 101-11.	0.4	44
89	Trends in isolated meniscus repair and meniscectomy in Japan, 2011-2016. <i>Journal of Orthopaedic Science</i> , 2018, 23, 676-681.	1.1	43
90	Specific markers and properties of synovial mesenchymal stem cells in the surface, stromal, and perivascular regions. <i>Stem Cell Research and Therapy</i> , 2018, 9, 123.	5.5	43

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91	Forefoot Pressures During Walking in Feet Afflicted With Hallux Valgus. <i>Clinical Orthopaedics and Related Research</i> , 1996, 323, 247-253.	1.5	42
92	The study of metal ion release and cytotoxicity in Co-Cr-Mo and Ti-Al-V alloy in total knee prosthesis - scanning electron microscopic observation. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 79-86.	3.6	42
93	The Effect of Hyaluronan on Tendon Healing in Rabbits. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2005, 21, 1330-1336.	2.7	42
94	Evaluation of pivot shift phenomenon while awake and under anaesthesia by different manoeuvres using triaxial accelerometer. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2377-2383.	4.2	42
95	ATF3 deficiency in chondrocytes alleviates osteoarthritis development. <i>Journal of Pathology</i> , 2016, 239, 426-437.	4.5	40
96	Cartilage Derived from Bone Marrow Mesenchymal Stem Cells Expresses Lubricin In Vitro and In Vivo. <i>PLoS ONE</i> , 2016, 11, e0148777.	2.5	40
97	Serum keratan sulfate transiently increases in the early stage of osteoarthritis during strenuous running of rats: protective effect of intraarticular hyaluronan injection. <i>Arthritis Research and Therapy</i> , 2008, 10, R13.	3.5	38
98	Soft tissue tension in extension in total knee arthroplasty affects postoperative knee extension and stability. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 999-1003.	4.2	37
99	Intraarticular injections of bone morphogenetic protein retard progression of existing cartilage degeneration. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1502-1506.	2.3	37
100	Morphological differences during in vitro chondrogenesis of bone marrow-, synovium-MSCs, and chondrocytes. <i>Laboratory Investigation</i> , 2010, 90, 210-221.	3.7	37
101	Revision Anterior Cruciate Ligament Reconstruction by Double-Bundle Technique Using Multi-Strand Semitendinosus Tendon. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2010, 26, 769-781.	2.7	37
102	Intermediate-Term Results of Meniscal Repair in Anterior Cruciate Ligament-Reconstructed Knees. <i>American Journal of Sports Medicine</i> , 1998, 26, 688-691.	4.2	36
103	Prospectively isolated mesenchymal stem/stromal cells are enriched in the CD73+ population and exhibit efficacy after transplantation. <i>Scientific Reports</i> , 2017, 7, 4838.	3.3	36
104	Comparison of Bone Remodeling Between an Anatomic Short Stem and a Straight Stem in 1-Stage Bilateral Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 594-600.	3.1	36
105	Effect of meniscus repair on pivot-shift during anterior cruciate ligament reconstruction: Objective evaluation using triaxial accelerometer. <i>Knee</i> , 2019, 26, 124-131.	1.6	36
106	Isolated Anterior Cruciate Ligament Reconstruction in Patients with Chronic Anterior Cruciate Ligament Insufficiency Combined with Grade II Valgus Laxity. <i>American Journal of Sports Medicine</i> , 2008, 36, 333-339.	4.2	35
107	Osteopontin deficiency impairs wear debris-induced osteolysis via regulation of cytokine secretion from murine macrophages. <i>Arthritis and Rheumatism</i> , 2010, 62, 1329-1337.	6.7	35
108	Electron microscopic evaluation of two-bundle anatomically reconstructed anterior cruciate ligament graft. <i>Journal of Orthopaedic Science</i> , 2004, 9, 296-301.	1.1	34

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109	Comparison of Gingiva, Dental Pulp, and Periodontal Ligament Cells from the Standpoint of Mesenchymal Stem Cell Properties. <i>Cell Medicine</i> , 2012, 4, 13-22.	5.0	34
110	Sequential dynamics of monocyte chemotactic protein-1 expression in herniated nucleus pulposus resorption. <i>Journal of Orthopaedic Research</i> , 1997, 15, 734-741.	2.3	33
111	High-flex Posterior Cruciate-Retaining vs Posterior Cruciate-Substituting Designs in Simultaneous Bilateral Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2012, 27, 368-374.	3.1	33
112	Fibrous Synovium Releases Higher Numbers of Mesenchymal Stem Cells Than Adipose Synovium in a Suspended Synovium Culture Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2017, 33, 800-810.	2.7	33
113	Transplantation of Aggregates of Autologous Synovial Mesenchymal Stem Cells for Treatment of Cartilage Defects in the Femoral Condyle and the Femoral Groove in Microminipigs. <i>American Journal of Sports Medicine</i> , 2019, 47, 2338-2347.	4.2	33
114	Knee Kinematics in Anterior Cruciate Ligament-Substituting Arthroplasty With or Without the Posterior Cruciate Ligament. <i>Journal of Arthroplasty</i> , 2013, 28, 548-552.	3.1	32
115	Effusions after anterior cruciate ligament reconstruction using the ligament augmentation device. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1992, 8, 305-310.	2.7	31
116	Meniscus regeneration by syngeneic, minor mismatched, and major mismatched transplantation of synovial mesenchymal stem cells in a rat model. <i>Journal of Orthopaedic Research</i> , 2014, 32, 928-936.	2.3	31
117	Intraoperative joint gaps and mediolateral balance affect postoperative knee kinematics in posterior-stabilized total knee arthroplasty. <i>Knee</i> , 2015, 22, 527-534.	1.6	31
118	Closed Suction Drainage Is Not Necessary for Total Knee Arthroplasty: A Prospective Study on Simultaneous Bilateral Surgeries of a Mean Follow-Up of 5.5 Years. <i>Journal of Arthroplasty</i> , 2016, 31, 641-645.	3.1	31
119	Case reports - Fracture of a ceramic acetabular insert after ceramic-onceramic THA—a case report. <i>Acta Orthopaedica</i> , 2003, 74, 101-103.	1.4	30
120	Skin sensory change after arthroscopically-assisted anterior cruciate ligament reconstruction using medial hamstring tendons with a vertical incision. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2004, 12, 198-202.	4.2	29
121	Intraoperative Joint Gaps Affect Postoperative Range of Motion in TKAs With Posterior-stabilized Prostheses. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 1326-1333.	1.5	29
122	Protein-Conjugated Quantum Dots Effectively Delivered into Living Cells by a Cationic Nanogel. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 2279-2285.	0.9	28
123	The Effect of Graft Fixation Angles on Anteroposterior and Rotational Knee Laxity in Double-Bundle Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2012, 40, 615-623.	4.2	28
124	Platelet-derived growth factor (PDGF)-AA/AB in human serum are potential indicators of the proliferative capacity of human synovial mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 243.	5.5	28
125	Effect of femoral tunnel position on graft tension curves and knee stability in anatomic double-bundle anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 2811-2820.	4.2	27
126	Mouse synovial mesenchymal stem cells increase in yield with knee inflammation. <i>Journal of Orthopaedic Research</i> , 2015, 33, 246-253.	2.3	27

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127	Elimination of BMP7 from the developing limb mesenchyme leads to articular cartilage degeneration and synovial inflammation with increased age. <i>FEBS Letters</i> , 2015, 589, 1240-1248.	2.8	26
128	Yields and chondrogenic potential of primary synovial mesenchymal stem cells are comparable between rheumatoid arthritis and osteoarthritis patients. <i>Stem Cell Research and Therapy</i> , 2017, 8, 115.	5.5	26
129	Biomechanical analysis of the centralization procedure for extruded lateral menisci with posterior root deficiency in a porcine model. <i>Journal of Orthopaedic Science</i> , 2020, 25, 161-166.	1.1	26
130	Effects of knee flexion angle at graft fixation on the outcome of anterior cruciate ligament reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1996, 12, 70-75.	2.7	25
131	Biological fixation of fibrous materials to bone using chitin/chitosan as a bone formation accelerator. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 88B, 264-270.	3.4	25
132	Platform presentations. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 49-93.	1.2	25
133	Pretreatment with IL-1 β enhances proliferation and chondrogenic potential of synovium-derived mesenchymal stem cells. <i>Cytotherapy</i> , 2017, 19, 181-193.	0.7	25
134	Persistent synovial inflammation plays important roles in persistent pain development in the rat knee before cartilage degradation reaches the subchondral bone. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 291.	1.9	25
135	BMP-7 inhibits cartilage degeneration through suppression of inflammation in rat zymosan-induced arthritis. <i>Cell and Tissue Research</i> , 2011, 344, 321-332.	2.9	24
136	Radiographic description of femoral tunnel placement expressed as intercondylar clock time in double-bundle anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 418-423.	4.2	24
137	Osteopontin Level in Synovial Fluid Is Associated with the Severity of Joint Pain and Cartilage Degradation after Anterior Cruciate Ligament Rupture. <i>PLoS ONE</i> , 2012, 7, e49014.	2.5	24
138	Effects of postoperative immobilization on the reconstructed anterior cruciate ligament. <i>American Journal of Sports Medicine</i> , 1993, 21, 305-313.	4.2	23
139	Transplantation of neuronal cells induced from human mesenchymal stem cells improves neurological functions after stroke without cell fusion. <i>Journal of Neuroscience Research</i> , 2010, 88, 3598-3609.	2.9	23
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