

# Yong-Beom Park

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

1,825  
citations

331259

21  
h-index

288905

40  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cartilage Regeneration in Osteoarthritic Patients by a Composite of Allogeneic Umbilical Cord Blood-Derived Mesenchymal Stem Cells and Hyaluronate Hydrogel: Results from a Clinical Trial for Safety and Proof-of-Concept with 7 Years of Extended Follow-Up. <i>Stem Cells Translational Medicine</i> , 2017, 6, 613-621.	1.6	289
2	Intra-articular Mesenchymal Stem Cells in Osteoarthritis of the Knee: A Systematic Review of Clinical Outcomes and Evidence of Cartilage Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 277-288.e2.	1.3	121
3	Intra-articular injection of mesenchymal stem cells for clinical outcomes and cartilage repair in osteoarthritis of the knee: a meta-analysis of randomized controlled trials. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 971-980.	1.3	94
4	Cartilage Repair Using Composites of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells and Hyaluronic Acid Hydrogel in a Minipig Model. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1044-1051.	1.6	87
5	Comparison of articular cartilage repair with different hydrogel-human umbilical cord blood-derived mesenchymal stem cell composites in a rat model. <i>Stem Cell Research and Therapy</i> , 2014, 5, 39.	2.4	83
6	Stem Cell Therapy for Articular Cartilage Repair: Review of the Entity of Cell Populations Used and the Result of the Clinical Application of Each Entity. <i>American Journal of Sports Medicine</i> , 2018, 46, 2540-2552.	1.9	73
7	Single-stage cell-based cartilage repair in a rabbit model: cell tracking and in vivo chondrogenesis of human umbilical cord blood-derived mesenchymal stem cells and hyaluronic acid hydrogel composite. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 570-580.	0.6	69
8	Intra-articular Injection of Culture-Expanded Mesenchymal Stem Cells Without Adjuvant Surgery in Knee Osteoarthritis: A Systematic Review and Meta-analysis. <i>American Journal of Sports Medicine</i> , 2020, 48, 2839-2849.	1.9	49
9	Two-stage Approach to Primary TKA in Infected Arthritic Knees Using Intraoperatively Molded Articulating Cement Spacers. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 2201-2207.	0.7	48
10	Clinical Efficacy of Platelet-Rich Plasma Injection and Its Association With Growth Factors in the Treatment of Mild to Moderate Knee Osteoarthritis: A Randomized Double-Blind Controlled Clinical Trial As Compared With Hyaluronic Acid. <i>American Journal of Sports Medicine</i> , 2021, 49, 487-496.	1.9	47
11	Increased Range of Motion Is Important for Functional Outcome and Satisfaction After Total Knee Arthroplasty in Asian Patients. <i>Journal of Arthroplasty</i> , 2016, 31, 1199-1203.	1.5	46
12	Allogeneic Umbilical Cord Blood-Derived Mesenchymal Stem Cell Implantation Versus Microfracture for Large, Full-Thickness Cartilage Defects in Older Patients: A Multicenter Randomized Clinical Trial and Extended 5-Year Clinical Follow-up. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712097305.	0.8	46
13	Cartilage repair by human umbilical cord blood-derived mesenchymal stem cells with different hydrogels in a rat model. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1580-1586.	1.2	45
14	Arthroscopic Debridement for Acutely Infected Prosthetic Knee: Any Role for Infection Control and Prosthesis Salvage?. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014, 30, 599-606.	1.3	39
15	Different characteristics of mesenchymal stem cells isolated from different layers of full term placenta. <i>PLoS ONE</i> , 2017, 12, e0172642.	1.1	34
16	A systematic review comparing the results of early vs delayed ligament surgeries in single anterior cruciate ligament and multiligament knee injuries. <i>Knee Surgery and Related Research</i> , 2021, 33, 1.	1.8	34
17	Adverse Reactions and Clinical Outcomes for Leukocyte-Poor Versus Leukocyte-Rich Platelet-Rich Plasma in Knee Osteoarthritis: A Systematic Review and Meta-analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110119.	0.8	30
18	Efficacy and safety of single injection of cross-linked sodium hyaluronate vs. three injections of high molecular weight sodium hyaluronate for osteoarthritis of the knee: a double-blind, randomized, multi-center, non-inferiority study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 223.	0.8	28

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19	Underestimation and undertreatment of osteoporosis in patients awaiting primary total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1109-1114.	1.3	28
20	Variability of the Composition of Growth Factors and Cytokines in Platelet-Rich Plasma From the Knee With Osteoarthritis. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 2878-2884.e1.	1.3	24
21	Anterolateral ligament injury has a synergic impact on the anterolateral rotatory laxity in acute anterior cruciate ligament-injured knees. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3334-3344.	2.3	24
22	Effect of Transplanting Various Concentrations of a Composite of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells and Hyaluronic Acid Hydrogel on Articular Cartilage Repair in a Rabbit Model. <i>PLoS ONE</i> , 2016, 11, e0165446.	1.1	23
23	Selective Medial Release Technique Using the Pie-Crusting Method for Medial Tightness During Primary Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 1005-1010.	1.5	23
24	Restoration of a large osteochondral defect of the knee using a composite of umbilical cord blood-derived mesenchymal stem cells and hyaluronic acid hydrogel: a case report with a 5-year follow-up. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 59.	0.8	21
25	Diagnostic Value of Stress Radiography and Arthrometer Measurement for Anterior Instability in Anterior Cruciate Ligament Injured Knees at Different Knee Flexion Position. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 1721-1732.	1.3	21
26	Reliability and Validity of the Femorotibial Mechanical Axis Angle in Primary Total Knee Arthroplasty: Navigation versus Weight Bearing or Supine Whole Leg Radiographs. <i>Knee Surgery and Related Research</i> , 2018, 30, 326-333.	1.8	21
27	Incidence and Fate of Symptomatic Venous Thromboembolism After Knee Arthroplasty Without Pharmacologic Prophylaxis in an Asian Population. <i>Journal of Arthroplasty</i> , 2016, 31, 1072-1077.	1.5	19
28	Incidence of Associated Lesions of Multiligament Knee Injuries: A Systematic Review and Meta-analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110104.	0.8	19
29	Comparison of Undifferentiated Versus Chondrogenic Predifferentiated Mesenchymal Stem Cells Derived From Human Umbilical Cord Blood for Cartilage Repair in a Rat Model. <i>American Journal of Sports Medicine</i> , 2019, 47, 451-461.	1.9	18
30	Injectable Fibrin/Polyethylene Oxide Semi-IPN Hydrogel for a Segmental Meniscal Defect Regeneration. <i>American Journal of Sports Medicine</i> , 2021, 49, 1538-1550.	1.9	18
31	Meniscus regeneration with injectable Pluronic/PMMA-reinforced fibrin hydrogels in a rabbit segmental meniscectomy model. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142110501.	2.3	17
32	The utility of the radiographic condylar cut-off sign in children and adolescents with complete discoid lateral meniscus. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3862-3868.	2.3	16
33	Rapidly growing non-tuberculous mycobacteria infection of prosthetic knee joints: A report of two cases. <i>Knee</i> , 2017, 24, 869-875.	0.8	15
34	A randomized study to compare the efficacy and safety of extended-release and immediate-release tramadol HCl/acetaminophen in patients with acute pain following total knee replacement. <i>Current Medical Research and Opinion</i> , 2015, 31, 75-84.	0.9	14
35	Prediction Models to Improve the Diagnostic Value of Plain Radiographs in Children With Complete Discoid Lateral Meniscus. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 479-489.e3.	1.3	14
36	An Increased Lateral Femoral Condyle Ratio Is an Important Risk Factor for a Medial Meniscus Ramp Lesion Including Red-Red Zone Tear. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 3159-3165.	1.3	13

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37	The size of tibial footprint of anterior cruciate ligament and association with physical characteristics in Asian females. Archives of Orthopaedic and Trauma Surgery, 2015, 135, 985-992.	1.3	12
38	Anterior Cruciate Ligament Tibial Footprint Size as Measured on Magnetic Resonance Imaging: Does It Reliably Predict Actual Size?. American Journal of Sports Medicine, 2018, 46, 1877-1884.	1.9	12
39	Computed Tomography Detects Hinge Fractures After Medial Opening Wedge High Tibial Osteotomy: A Systematic Review. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, 37, 1337-1352.	1.3	11
40	The necessity of clinical application of tibial reduction for detection of underestimated posterolateral rotatory instability in combined posterior cruciate ligament and posterolateral corner deficient knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3062-3069.	2.3	10
41	Are the Current Outcome Measurement Tools Appropriate for the Evaluation of the Knee Status in Deep Flexion Range?. Journal of Arthroplasty, 2016, 31, 87-91.	1.5	10
42	Preoperative prediction of anterior cruciate ligament tibial footprint size by anthropometric variables. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 1638-1645.	2.3	10
43	Predictive factors for failure of anterior cruciate ligament reconstruction via the trans-tibial technique. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 1445-1457.	1.3	10
44	A predictive model with radiographic signs can be a useful supplementary diagnostic tool for complete discoid lateral meniscus in adults. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 474-482.	2.3	10
45	Diagnostic Accuracy of Magnetic Resonance Imaging in the Detection of Type and Location of Meniscus Tears: Comparison with Arthroscopic Findings. Journal of Clinical Medicine, 2021, 10, 606.	1.0	10
46	Is it worth to perform initial non-operative treatment for patients with acute ACL injury?: a prospective cohort prognostic study. Knee Surgery and Related Research, 2021, 33, 11.	1.8	10
47	Prospective, randomized, double-blinded, double-dummy and multicenter phase IV clinical study comparing the efficacy and safety of PG201 (Layla) and SKI306X in patients with osteoarthritis. Journal of Ethnopharmacology, 2016, 181, 1-7.	2.0	9
48	Predictive validity of radiographic signs of complete discoid lateral meniscus in children using machine learning techniques. Journal of Orthopaedic Research, 2020, 38, 1279-1288.	1.2	9
49	Stress radiography at 30° of knee flexion is a reliable evaluation tool for high-grade rotatory laxity in complete ACL-injured knees. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 2233-2244.	2.3	9
50	Mesenchymal Stem Cells Versus Fat-Derived Cells. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2014, 30, 419-420.	1.3	8
51	Risk factors of hyperextension and its relationship with the clinical outcomes following mobile-bearing total knee arthroplasty. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 1293-1305.	1.3	7
52	Slight under-correction using individualized intentional varus femoral cutting leads to favorable outcomes in patients with lateral femoral bowing and varus knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 1579-1586.	2.3	7
53	Anatomic placement of the femoral tunnel by a modified transtibial technique using a large-offset femoral tunnel guide: A cadaveric study. Knee, 2016, 23, 659-665.	0.8	6
54	Comparison of the outcomes of navigation-assisted revision of unicompartmental knee arthroplasty to total knee arthroplasty versus navigation-assisted primary TKA. International Orthopaedics, 2019, 43, 315-322.	0.9	6

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55	Selective medial release using multiple needle puncturing with a spacer block in situ for correcting severe varus deformity during total knee arthroplasty. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 1523-1531.	1.3	6
56	Mesenchymal Stem Cell Injection for Osteochondral Lesions of the Talus: Letter to the Editor. American Journal of Sports Medicine, 2014, 42, NP34-NP35.	1.9	5
57	Mesenchymal Stem Cell Injection for Osteochondral Lesions of the Talus: Letter to the Editor. American Journal of Sports Medicine, 2014, 42, NP19-NP20.	1.9	5
58	Computer-Assisted Navigation in Total Knee Arthroplasty. The Journal of the Korean Orthopaedic Association, 2018, 53, 478.	0.0	5
59	Editorial Commentary: Considering Clinical Application of Bone Marrow Aspirate Concentrate for Restoration of Cartilage Defects in the Knee? Is It a Kind of Stem Cell Therapy?. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 1878-1879.	1.3	5
60	Performing high flexion activities does not seem to be crucial in developing early femoral component loosening after high-flexion TKA. BMC Musculoskeletal Disorders, 2015, 16, 353.	0.8	4
61	Antibiotic-impregnated articulating cement spacer maintained for 7 years in situ for two-stage primary total knee arthroplasty: a case report. BMC Musculoskeletal Disorders, 2019, 20, 179.	0.8	4
62	Clinical utility of fat-suppressed 3-dimensional controlled aliasing in parallel imaging results in higher acceleration sampling perfection with application optimized contrast using different flip angle evolutions MRI of the knee in adults. British Journal of Radiology, 2020, 93, 20190725.	1.0	4
63	Gastrointestinal safety and efficacy of long-term GCSB-5 use in patients with osteoarthritis: A 24-week, multicenter study. Journal of Ethnopharmacology, 2016, 189, 310-318.	2.0	3
64	Deep Learning-Based Muscle Segmentation and Quantification of Full-Leg Plain Radiograph for Sarcopenia Screening in Patients Undergoing Total Knee Arthroplasty. Journal of Clinical Medicine, 2022, 11, 3612.	1.0	3
65	No Differences In Clinical Outcomes Between Rectangular and Round Tunnel Techniques For Anterior Crucial Ligament Reconstruction. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 1933-1943.e1.	1.3	2
66	Editorial Commentary: Stem Cell Treatment in Knee Osteoarthritis: What for? Pain Management or Cartilage Regeneration?. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, 37, 359-361.	1.3	1
67	Ultrasound-guided treatment of common peroneal neuropathy caused by Baker's cyst: a clinical note - A case report -. Anesthesia and Pain Medicine, 2020, 15, 199-204.	0.5	1
68	Effect of Manipulation under Anesthesia of the First Knee in Staged Bilateral Total Knee Arthroplasty on Clinical Outcome and Satisfaction. Journal of Knee Surgery, 2021, 34, 1429-1435.	0.9	1
69	Editorial Commentary: Stem Cell Therapy for the Knee: Heterogeneity in Cell Sources, Delivery Methods, and Concomitant Surgery Needs to Be Considered. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, 37, 379-380.	1.3	0
70	Anterolateral Ligament of the Knee: Anatomy, Biomechanics, Techniques, and Clinical Outcome. The Journal of the Korean Orthopaedic Association, 2020, 55, 281.	0.0	0
71	Total Knee Arthroplasty after Previous Ipsilateral Hip Arthroplasty Showed Lower Clinical Outcomes and Higher Leg Length Discrepancy Perception. Journal of Knee Surgery, 2022, 35, 375-383.	0.9	0