

Chul-Won Ha

List of Publications by Year in descending order

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76
papers

2,597
citations

186209

28
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206029

48
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77
all docs

77
docs citations

77
times ranked

3356
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	Bioactive cell-derived matrices combined with polymer mesh scaffold for osteogenesis and bone healing. <i>Biomaterials</i> , 2015, 50, 75-86.	5.7	119
4	Initial phase I safety of retrovirally transduced human chondrocytes expressing transforming growth factor-beta-1 in degenerative arthritis patients. <i>Cytherapy</i> , 2012, 14, 247-256.	0.3	116
5	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
6	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
7	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
8	A Multicenter, Double-Blind, Phase III Clinical Trial to Evaluate the Efficacy and Safety of a Cell and Gene Therapy in Knee Osteoarthritis Patients. <i>Human Gene Therapy Clinical Development</i> , 2018, 29, 48-59.	3.2	82
9	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
10	Comparison of robot-assisted and conventional total knee arthroplasty: A controlled cadaver study using multiparameter quantitative three-dimensional CT assessment of alignment. <i>Computer Aided Surgery</i> , 2012, 17, 86-95.	1.8	72
11	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
12	A New High-flexion Knee Scoring System to Eliminate the Ceiling Effect. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 584-593.	0.7	68
13	A Multicenter, Single-Blind, Phase IIa Clinical Trial to Evaluate the Efficacy and Safety of a Cell-Mediated Gene Therapy in Degenerative Knee Arthritis Patients. <i>Human Gene Therapy Clinical Development</i> , 2015, 26, 125-130.	3.2	58
14	A Technique for Intraoperative Construction of Antibiotic Spacers. <i>Clinical Orthopaedics and Related Research</i> , 2006, 445, 204-209.	0.7	49
15	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
16	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
17	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
18	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

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19	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
20	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
21	Pleiotropic roles of metallothioneins as regulators of chondrocyte apoptosis and catabolic and anabolic pathways during osteoarthritis pathogenesis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 2045-2052.	0.5	45
22	Inhibition of BATF/JUN transcriptional activity protects against osteoarthritic cartilage destruction. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 427-434.	0.5	44
23	Comparative analysis of differentially secreted proteins in serum-free and serum-containing media by using BONCAT and pulsed SILAC. <i>Scientific Reports</i> , 2019, 9, 3096.	1.6	41
24	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
25	Different characteristics of mesenchymal stem cells isolated from different layers of full term placenta. <i>PLoS ONE</i> , 2017, 12, e0172642.	1.1	34
26	The Condylar Cutoff Sign: Quantifying Lateral Femoral Condylar Hypoplasia in a Complete Discoid Meniscus. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 1365-1369.	0.7	31
27	A prospective, randomized, double-blind, multicenter comparative study on the safety and efficacy of Celecoxib and GCSB-5, dried extracts of six herbs, for the treatment of osteoarthritis of knee joint. <i>Journal of Ethnopharmacology</i> , 2013, 149, 816-824.	2.0	31
28	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
29	Platelet-Rich Plasma Therapy for Knee Joint Problems: Review of the Literature, Current Practice and Legal Perspectives in Korea. <i>Knee Surgery and Related Research</i> , 2012, 24, 70-78.	1.8	29
30	Robot-assisted Implantation Improves the Precision of Component Position in Minimally Invasive TKA. <i>Orthopedics</i> , 2012, 35, e1334-9.	0.5	29
31	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
32	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
33	Prescription Pattern of NSAIDs and the Prevalence of NSAID-induced Gastrointestinal Risk Factors of Orthopaedic Patients in Clinical Practice in Korea. <i>Journal of Korean Medical Science</i> , 2011, 26, 561.	1.1	27
34	Effect of platelet-rich plasma on the degenerative rotator cuff tendinopathy according to the compositions. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 408.	0.9	27
35	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
36	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

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37	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
38	Effect of chondrocyte-derived early extracellular matrix on chondrogenesis of placenta-derived mesenchymal stem cells. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 035014.	1.7	22
39	A Novel Patellofemoral Scoring System for Patellofemoral Joint Status. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 620-626.	1.4	21
40	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
41	Common Repository of FBS Proteins (cRFP) To Be Added to a Search Database for Mass Spectrometric Analysis of Cell Secretome. <i>Journal of Proteome Research</i> , 2019, 18, 3800-3806.	1.8	20
42	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
43	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
44	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
45	Meniscus regeneration with injectable Pluronic/PMMA-reinforced fibrin hydrogels in a rabbit segmental meniscectomy model. <i>Journal of Tissue Engineering</i> , 2021, 12, 2041731421110501.	2.3	17
46	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
47	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
48	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
49	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
50	Comparable bone union progression after opening wedge high tibial osteotomy using allogeneous bone chip or tri-calcium phosphate granule: a prospective randomized controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2945-2950.	2.3	14
51	The size of tibial footprint of anterior cruciate ligament and association with physical characteristics in Asian females. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015, 135, 985-992.	1.3	12
52	Anterior Cruciate Ligament Tibial Footprint Size as Measured on Magnetic Resonance Imaging: Does It Reliably Predict Actual Size?. <i>American Journal of Sports Medicine</i> , 2018, 46, 1877-1884.	1.9	12
53	Are the Current Outcome Measurement Tools Appropriate for the Evaluation of the Knee Status in Deep Flexion Range?. <i>Journal of Arthroplasty</i> , 2016, 31, 87-91.	1.5	10
54	Preoperative prediction of anterior cruciate ligament tibial footprint size by anthropometric variables. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1638-1645.	2.3	10

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55	A predictive model with radiographic signs can be a useful supplementary diagnostic tool for complete discoid lateral meniscus in adults. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 474-482.	2.3	10
56	Is it worth to perform initial non-operative treatment for patients with acute ACL injury?: a prospective cohort prognostic study. <i>Knee Surgery and Related Research</i> , 2021, 33, 11.	1.8	10
57	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. <i>Journal of Ethnopharmacology</i> , 2016, 181, 1-7.	2.0	9
58	Safety and efficacy of bi-annual intra-articular LBSA0103 injections in patients with knee osteoarthritis. <i>Rheumatology International</i> , 2017, 37, 1807-1815.	1.5	9
59	Predictive validity of radiographic signs of complete discoid lateral meniscus in children using machine learning techniques. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1279-1288.	1.2	9
60	Mesenchymal Stem Cells Versus Fat Padâ€Derived Cells. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014, 30, 419-420.	1.3	8
61	The Effects of Adherence to Non-Steroidal Anti-Inflammatory Drugs and Factors Influencing Drug Adherence in Patients with Knee Osteoarthritis. <i>Journal of Korean Medical Science</i> , 2016, 31, 795.	1.1	8
62	Treatment of Infected Total Knee Arthroplasty. <i>Knee Surgery and Related Research</i> , 2017, 29, 153-154.	1.8	7
63	Anatomic placement of the femoral tunnel by a modified transtibial technique using a large-offset femoral tunnel guide: A cadaveric study. <i>Knee</i> , 2016, 23, 659-665.	0.8	6
64	Intra-Articular Injection of a Novel DVS Cross-Linked Hyaluronic Acid Manufactured by Biological Fermentation (YYD302) in Patients With Knee Osteoarthritis: A Double-Blind, Randomized, Multicenter, Noninferiority Study. <i>Clinical Therapeutics</i> , 2021, 43, 1843-1860.	1.1	6
65	Characterization of the Secretome of a Specific Cell Expressing Mutant Methionyl-tRNA Synthetase in Co-Culture Using Click Chemistry. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6527.	1.8	6
66	Mesenchymal Stem Cell Injection for Osteochondral Lesions of the Talus: Letter to the Editor. <i>American Journal of Sports Medicine</i> , 2014, 42, NP34-NP35.	1.9	5
67	Mesenchymal Stem Cell Injection for Osteochondral Lesions of the Talus: Letter to the Editor. <i>American Journal of Sports Medicine</i> , 2014, 42, NP19-NP20.	1.9	5
68	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?. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 1878-1879.	1.3	5
69	Performing high flexion activities does not seem to be crucial in developing early femoral component loosening after high-flexion TKA. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 353.	0.8	4
70	Antibiotic-impregnated articulating cement spacer maintained for 7 years in situ for two-stage primary total knee arthroplasty: a case report. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 179.	0.8	4
71	Efficacy and safety of a novel hemostatic material, BoneStat, compared with Ostene and Bone Wax in a rat calvarial defect model. <i>International Journal of Artificial Organs</i> , 2021, 44, 734-747.	0.7	4
72	Gastrointestinal safety and efficacy of long-term GCSB-5 use in patients with osteoarthritis: A 24-week, multicenter study. <i>Journal of Ethnopharmacology</i> , 2016, 189, 310-318.	2.0	3

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73	A Multicenter, Double-Blind, Phase III Clinical Trial to Evaluate the Efficacy and Safety of a Cell and Gene Therapy in Knee Osteoarthritis Patients. Human Gene Therapy Clinical Development, 0, , .	3.2	2
74	A Multicenter, Randomized, Double-Blinded, Parallel-Group, Placebo-Controlled Phase I/IIa Study to Evaluate the Efficacy and Safety of a Single Intra-Articular Injection of YYD302 in Patients with Knee Osteoarthritis. Journal of Clinical Medicine, 2022, 11, 1482.	1.0	2
75	A Comparative Study between High-Flex and Non High-Flex Total Knee Arthroplasty. The Journal of the Korean Orthopaedic Association, 2007, 42, 360.	0.0	0
76	Clinical Outcome after Septic versus Aseptic Revision Total Knee Arthroplasty. The Journal of the Korean Orthopaedic Association, 2008, 43, 72.	0.0	0