

# Jae-Hyuk Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

1,385  
citations

304602

22  
h-index

395590

33  
g-index

88  
all docs

88  
docs citations

88  
times ranked

1453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Total ankle arthroplasty versus ankle arthrodesis for the treatment of end-stage ankle arthritis: a meta-analysis of comparative studies. <i>International Orthopaedics</i> , 2017, 41, 101-109.	0.9	97
2	Clinical Results of Single-Tunnel Coracoclavicular Ligament Reconstruction Using Autogenous Semitendinosus Tendon. <i>American Journal of Sports Medicine</i> , 2010, 38, 950-957.	1.9	94
3	Is Bone Grafting Necessary in Opening Wedge High Tibial Osteotomy? A Meta-Analysis of Radiological Outcomes. <i>Knee Surgery and Related Research</i> , 2015, 27, 207-220.	1.8	55
4	Primary total knee arthroplasty using rotating-hinge prosthesis in severely affected knees. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 517-523.	2.3	54
5	Total knee arthroplasty after failed high tibial osteotomy: a systematic review of open versus closed wedge osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2567-2577.	2.3	49
6	A comparative analysis of sagittal spinopelvic alignment between young and old men without localized disc degeneration. <i>European Spine Journal</i> , 2014, 23, 1400-1406.	1.0	45
7	Second-Look Arthroscopic Assessment of Arthroscopic Single-Bundle Posterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2012, 40, 2052-2060.	1.9	42
8	Distal Femoral Varus Osteotomy for Valgus Arthritis of the Knees: Systematic Review of Open versus Closed Wedge Osteotomy. <i>Knee Surgery and Related Research</i> , 2018, 30, 3-16.	1.8	42
9	PHEX Gene Mutations and Genotype-Phenotype Analysis of Korean Patients with Hypophosphatemic Rickets. <i>Journal of Korean Medical Science</i> , 2007, 22, 981.	1.1	39
10	Transpatellar approach in lateral meniscal allograft transplantation using the keyhole method: can we prevent graft extrusion?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 214-217.	2.3	39
11	Is Radiographic Measurement of Bony Landmarks Reliable for Lateral Meniscal Sizing?. <i>American Journal of Sports Medicine</i> , 2011, 39, 582-589.	1.9	39
12	Locking plate versus non-locking plate in open-wedge high tibial osteotomy: a meta-analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 808-816.	2.3	38
13	Joint Line Changes After Navigation-Assisted Mobile-Bearing TKA. <i>Orthopedics</i> , 2009, 32, 35-39.	0.5	37
14	The effect of biplane medial opening wedge high tibial osteotomy on patellofemoral joint indices. <i>Knee</i> , 2013, 20, 128-132.	0.8	34
15	Effects of Preoperative Virtual Reality Magnetic Resonance Imaging on Preoperative Anxiety in Patients Undergoing Arthroscopic Knee Surgery: A Randomized Controlled Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 2394-2399.	1.3	33
16	Variability in Femoral Component Rotation Reference Axes Measured During Navigation-Assisted Total Knee Arthroplasty Using Gap Technique. <i>Journal of Arthroplasty</i> , 2010, 25, 238-243.	1.5	28
17	In Vivo Gap Analysis in Various Knee Flexion Angles During Navigation-Assisted Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2013, 28, 1796-1800.	1.5	28
18	Imageless Navigation Versus Conventional Open Wedge High Tibial Osteotomy: A Meta-Analysis of Comparative Studies. <i>Knee Surgery and Related Research</i> , 2016, 28, 16-26.	1.8	28

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19	DKK1 Induced by 1,25D3 Is Required for the Mineralization of Osteoblasts. <i>Cells</i> , 2020, 9, 236.	1.8	26
20	The Use of Contralateral Knee Magnetic Resonance Imaging to Predict Meniscal Size During Meniscal Allograft Transplantation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014, 30, 1287-1293.	1.3	25
21	TGF $\beta$ 1 Suppressed Matrix Mineralization of Osteoblasts Differentiation by Regulating SMURF1 $\beta$ C/EBP $\beta$ 2 $\beta$ DKK1 Axis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9771.	1.8	24
22	Hybrid Component Fixation in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2012, 27, 1111-1118.	1.5	23
23	Comparison of soft-tissue serum markers in stable intertrochanteric fracture: Dynamic hip screw versus proximal femoral nail $\beta$ A preliminary study. <i>Injury</i> , 2011, 42, 204-208.	0.7	22
24	The incidence of hip dislocation and suture failure according to two different types of posterior soft tissue repair techniques in total hip arthroplasty: a prospective randomized controlled trial. <i>International Orthopaedics</i> , 2018, 42, 2049-2056.	0.9	21
25	Does patella position influence ligament balancing in total knee arthroplasty?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2012-2018.	2.3	20
26	Changes of Sagittal Spinopelvic Parameters in Normal Koreans with Age over 50. <i>Asian Spine Journal</i> , 2010, 4, 96.	0.8	18
27	In Vivo Three-Dimensional Imaging Analysis of Femoral and Tibial Tunnel Locations in Single and Double Bundle Anterior Cruciate Ligament Reconstructions. <i>Clinics in Orthopedic Surgery</i> , 2014, 6, 32.	0.8	17
28	Sagittal osteotomy inclination in medial open-wedge high tibial osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 823-831.	2.3	17
29	Inferior outcome of revision of unicompartmental knee arthroplasty to total knee arthroplasty compared with primary total knee arthroplasty: systematic review and meta-analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3403-3418.	2.3	17
30	Extracorporeal Shock Wave Therapy for Calcific Tendinitis at Unusual Sites Around the Hip. <i>Orthopedics</i> , 2010, 33, 769.	0.5	17
31	Effect of Combined Sex Hormone Replacement on Bone/Cartilage Turnover in a Murine Model of Osteoarthritis. <i>Clinics in Orthopedic Surgery</i> , 2012, 4, 234.	0.8	16
32	Long-Term Outcomes After Metal-on-Metal Total Hip Arthroplasty With a 28-mm Head: A 17- to 23-Year Follow-Up Study of a Previous Report. <i>Journal of Arthroplasty</i> , 2018, 33, 2165-2172.	1.5	16
33	MRI comparison of injury mechanism and anatomical factors between sexes in non-contact anterior cruciate ligament injuries. <i>PLoS ONE</i> , 2019, 14, e0219586.	1.1	16
34	RNA interference-mediated suppression of TNF $\beta$ converting enzyme as an alternative anti-TNF $\beta$ therapy for rheumatoid arthritis. <i>Journal of Controlled Release</i> , 2021, 330, 1300-1312.	4.8	14
35	Clinical and Radiologic Outcomes of Contemporary 3 Techniques of TKA. <i>Orthopedics</i> , 2010, 33, 76-81.	0.5	14
36	Biomechanical comparison of the femoral neck system and the dynamic hip screw in basicervical femoral neck fractures. <i>Scientific Reports</i> , 2022, 12, 7915.	1.6	14

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37	A Novel Medial Soft Tissue Release Method for Varus Deformity during Total Knee Arthroplasty: Femoral Origin Release of the Medial Collateral Ligament. <i>Knee Surgery and Related Research</i> , 2016, 28, 153-160.	1.8	13
38	Acetabular revision arthroplasty using press-fitted jumbo cups: an average 10-year follow-up study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 1149-1160.	1.3	12
39	Tourniquet associated chemical burn. <i>Indian Journal of Orthopaedics</i> , 2012, 46, 356-359.	0.5	11
40	Magnetic Resonance Imaging-Based Prevalence of Anterolateral Ligament Abnormalities and Associated Injuries in Knees with Acute Anterior Cruciate Ligament Injury. <i>Journal of Knee Surgery</i> , 2019, 32, 866-871.	0.9	11
41	Endoscopic treatment of calcific tendinitis of the rectus femoris in a patient with intractable pain. <i>Journal of Orthopaedic Science</i> , 2013, 18, 1046-1049.	0.5	10
42	Hydroxyapatite crystal deposition causing rapidly destructive arthropathy of the hip joint. <i>Indian Journal of Orthopaedics</i> , 2011, 45, 569-572.	0.5	9
43	Intra-articular Patterns of Bucket Handle Meniscal Tears and Its Relation to Reducibility. <i>Clinics in Orthopedic Surgery</i> , 2012, 4, 129.	0.8	9
44	Alignment in knee flexion position during navigation-assisted total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2422-2429.	2.3	9
45	Biomechanical function of the anterolateral ligament of the knee: a systematic review. <i>Knee Surgery and Related Research</i> , 2020, 32, 6.	1.8	9
46	Satisfactory Short-Term Results of Navigation-Assisted Gap-Balancing Total Knee Arthroplasty Using Ultracongruent Insert. <i>Journal of Arthroplasty</i> , 2018, 33, 723-728.	1.5	8
47	Computed Tomography Assessment of Image-free Navigation-assisted Cup Placement in THA in an Asian Population. <i>Orthopedics</i> , 2012, 35, 13-17.	0.5	8
48	Subcutaneous versus intraarticular closed suction indwelling drainage after total knee arthroplasty: A randomised control trial. <i>Indian Journal of Orthopaedics</i> , 2016, 50, 59.	0.5	8
49	Total knee arthroplasty in a pseudoachondroplastic dwarfism patient with bilateral patellar dislocation. <i>Knee</i> , 2013, 20, 45-48.	0.8	7
50	Successful arthroscopic treatment of refractory and complicated popliteal cyst associated with rheumatoid arthritis in combination with osteoarthritis: case series and literature review. <i>Rheumatology International</i> , 2019, 39, 2177-2183.	1.5	7
51	Psychological Changes and Employment Outcomes After Kyphosis Correction in Patients With Ankylosing Spondylitis. <i>Spine</i> , 2019, 44, 996-1002.	1.0	7
52	Acetabular cup migration after primary cementless total hip arthroplasty in rheumatoid arthritis and its influencing factors: a comparative study with osteoarthritic hip. <i>International Orthopaedics</i> , 2020, 44, 1047-1053.	0.9	7
53	Increased external rotation of the osteoarthritic knee joint according to the genu varum deformity. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 1098-1105.	2.3	7
54	Minimum Five-year Follow-up Results of Single-Radius, High-Flex Posterior-Stabilized TKA. <i>Orthopedics</i> , 2010, 33, .	0.5	7

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55	The management of the popliteus hiatus during lateral meniscal transplantation. <i>Knee</i> , 2012, 19, 959-961.	0.8	6
56	Fracture of the Greater Trochanter during Closed Reduction of Obturator Type Hip Dislocation. <i>Hip and Pelvis</i> , 2014, 26, 275.	0.6	6
57	Blocking TNF $\alpha$ attenuates progressive cartilage matrix degradation in inflammatory arthritis. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 808.	0.8	6
58	A Ganglion Cyst Formed after Anterior Transposition of the Ulnar Nerve: A Case Report. <i>Clinics in Shoulder and Elbow</i> , 2015, 18, 102-104.	0.5	5
59	Patella tendon rupture neglected for 55 years. <i>Journal of Orthopaedic Science</i> , 2011, 16, 656-660.	0.5	4
60	Magnetic resonance imaging study determining cord level and occupancy at thoracolumbar junction in achondroplasia - A prospective study. <i>Indian Journal of Orthopaedics</i> , 2011, 45, 63.	0.5	4
61	Volume and Contact Surface Area Analysis of Bony Tunnels in Single and Double Bundle Anterior Cruciate Ligament Reconstruction Using Autograft Tendons: In Vivo Three-Dimensional Imaging Analysis. <i>Clinics in Orthopedic Surgery</i> , 2014, 6, 290.	0.8	4
62	Radiologic Bone Remodeling Pattern Around DCPD-coated, Metaphyseal-loading Cementless Short Stems in Elderly Patients. <i>Orthopedics</i> , 2014, 37, e649-55.	0.5	4
63	Comparison of Clinical Outcomes after Total Knee Arthroplasty with and without Patellar Resurfacing in the Same Patients. <i>Clinics in Orthopedic Surgery</i> , 2022, 14, 361.	0.8	4
64	Bilateral condyle fracture of tibial insert in mobile bearing total knee arthroplasty. <i>Knee</i> , 2014, 21, 318-321.	0.8	3
65	Apophyseal Avulsion Fracture of Ischial Tuberosity during Soccer: A Case Report and Literature Review. <i>The Korean Journal of Sports Medicine</i> , 2017, 35, 202.	0.3	3
66	Safety of a single intra-articular injection of LBSA0103 hyaluronic acid in patients with osteoarthritis of the knee: a multicenter, single-arm, prospective, cohort study. <i>Current Medical Research and Opinion</i> , 2021, 37, 1573-1580.	0.9	3
67	Analysis of the patellofemoral congruence angle according to the rotational alignment of the femoral component in navigation-guided TKA. <i>Orthopedics</i> , 2008, 31, .	0.5	3
68	Unsatisfactory clinical outcomes of second-generation mobile bearing floating platform total knee arthroplasty: comparing outcomes with fixed bearing after five years minimum. <i>International Orthopaedics</i> , 2018, 42, 2583-2589.	0.9	2
69	Deep Femoral Vessel Injury Following Subtrochanteric Hip Fracture - A Case Report -. <i>Journal of the Korean Fracture Society</i> , 2012, 25, 64.	0.1	2
70	Arthroscopic Treatment of Acute Septic Arthritis After Meniscal Allograft Transplantation. <i>Orthopedics</i> , 2010, 33, .	0.5	2
71	Ochronotic Arthropathy: Degenerative and Complex Tear of Black Meniscus. <i>The Journal of the Korean Orthopaedic Association</i> , 2014, 49, 389.	0.0	2
72	2-5 Year Results of the Cemented Polished Versys Heritage $\hat{\text{A}}$ Femoral Stem. <i>The Journal of the Korean Orthopaedic Association</i> , 2008, 43, 9.	0.0	1

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73	Arthroscopic Medial Meniscus Posterior Root Repair: Techniques and Current Issues. The Journal of the Korean Orthopaedic Association, 2015, 50, 365.	0.0	1
74	Snapping Phenomenon after Revisional Total Knee Arthroplasty. Indian Journal of Orthopaedics, 2018, 52, 434-437.	0.5	1
75	Tunnel Position for Anatomical Reconstruction of the Anterior Cruciate Ligament. The Journal of the Korean Orthopaedic Association, 2020, 55, 305.	0.0	1
76	Versatile Application of Navigation System for Total Knee Arthroplasty. The Journal of the Korean Orthopaedic Association, 2022, 57, 106.	0.0	1
77	Curious About "Put Your Extended" Finger on the Bleeder? Arthroscopy - Journal of Arthroscopic and Related Surgery, 2011, 27, 1457.	1.3	0
78	Isolated Semitendinosus Tendon Rupture in Non Athlete. The Korean Journal of Sports Medicine, 2012, 30, 65.	0.3	0
79	Versatile application of short stem during total hip arthroplasty. European Journal of Orthopaedic Surgery and Traumatology, 2013, 23, 229-232.	0.6	0
80	Idiopathic retroperitoneal fibrosis mimicking periprosthetic hip infection. Journal of Orthopaedic Science, 2015, 20, 789-794.	0.5	0
81	Impingement between medial plica against femoral condyle osteophyte after high tibial osteotomy. Journal of Orthopaedic Science, 2020, 25, 364-367.	0.5	0
82	Comparative Analysis of Diaphyseal versus Metaphyseal tracker Placement in Imageless Navigation Systems for Total Knee Arthroplasty. Journal of Knee Surgery, 2021, 34, 216-223.	0.9	0
83	Study of Bone Quality and Growth Characteristics of Growth Plate following Limb Transplantation between Animals of Different Ages-results of an Experimental Study on Male Syngeneic Rats. The Journal of the Korean Orthopaedic Association, 2007, 42, 644.	0.0	0
84	Skin-capsular Mismatch According to Knee Positions for Instrument Insertion via Arthroscopic Portals. Knee Surgery and Related Research, 2011, 23, 248-250.	1.8	0
85	Repeated Periprosthetic Femoral Fracture in a Below Knee Amputee with Ipsilateral Cementless Total Hip Arthroplasty - A Case Report -. Hip and Pelvis, 2012, 24, 322-327.	0.6	0
86	Arthroscopic Treatment of Delayed Patella Infractura. The Journal of the Korean Orthopaedic Association, 2014, 49, 239.	0.0	0
87	Extraction of Misplaced Endcap during Tibia Intramedullary Nailing by 'Fish-Hook' Technique: Technical Note. Journal of the Korean Fracture Society, 2015, 28, 194.	0.1	0
88	Fixation Method Using Bioabsorbable Pins for Osteochondritis Dissecans in the Knee through Mini-Open Approach. The Journal of the Korean Orthopaedic Association, 2022, 57, 73.	0.0	0