

Kwan-Kyu Park

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

1,209

citations

16

h-index

33

g-index

71

ext. papers

1,436

ext. citations

3.8

avg. IF

4.37

L-index

#	Paper	IF	Citations
66	Preoperative Carbohydrate Drink Intake Increases Glycemic Variability in Patients with Type 2 Diabetes Mellitus in Total Joint Arthroplasty: A Prospective Randomized Trial.. <i>World Journal of Surgery</i> , 2022 , 46, 791	3.3	0
65	Acetabular labral tear is associated with high pelvic incidence with or without femoroacetabular impingement morphology.. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022 , 1	5.5	0
64	Difference between medial and lateral tibia plateau in the coronal plane: importance of preoperative evaluation for medial unicompartmental knee arthroplasty.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 342	2.8	
63	Finite element analysis of the influence of the posterior tibial slope on mobile-bearing unicompartmental knee arthroplasty. <i>Knee</i> , 2021 , 29, 116-125	2.6	1
62	Fall Patterns Predict Mortality After Hip Fracture in Older Adults, Independent of Age, Sex, and Comorbidities. <i>Calcified Tissue International</i> , 2021 , 109, 372-382	3.9	0
61	Gender-Based Quantitative Analysis of the Grand Piano Sign in Mechanically Aligned Total Knee Arthroplasty in Asians. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
60	Anatomical tibial component is related to more medial tibial stress shielding after total knee arthroplasty in Korean patients. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021 , 29, 710-717	5.5	3
59	The Association of Calcium and Vitamin D Use With Implant Survival of Total Knee Arthroplasty: A Nationwide Population-Based Cohort Study. <i>Journal of Arthroplasty</i> , 2021 , 36, 542-549.e3	4.4	1
58	Preoperative Carbohydrate Drinks Do Not Decrease Postoperative Nausea and Vomiting in Type 2 Diabetic Patients Undergoing Total Knee Arthroplasty-A Randomized Controlled Trial. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2021 , 29, 35-43	4.5	6
57	Accuracy of 2D CT-Based Measurements of Rotational Alignment of the Femoral Component for Total Knee Arthroplasty. <i>Yonsei Medical Journal</i> , 2021 , 62, 439-445	3	0
56	The effect of hamstring tightness on intraoperative extension gap in posterior stabilized total knee arthroplasty. <i>Scientific Reports</i> , 2021 , 11, 3655	4.9	2
55	Anthropometric Measurement About the Safe Zone for Transacetabular Screw Placement in Total Hip Arthroplasty in Asian Middle-Aged Women: InVivo Three-Dimensional Model Analysis. <i>Journal of Arthroplasty</i> , 2021 , 36, 744-751	4.4	1
54	Effects of Anesthesia Techniques on Outcomes after Hip Fracture Surgery in Elderly Patients: A Prospective, Randomized, Controlled Trial. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
53	Cigarette smoking and knee osteoarthritis in the elderly: Data from the Korean National Health and Nutritional Examination Survey. <i>Experimental Gerontology</i> , 2020 , 133, 110873	4.5	3
52	Does the Effectiveness and Mechanical Strength of Kanamycin-Loaded Bone Cement in Musculoskeletal Tuberculosis Compare to Vancomycin-Loaded Bone Cement. <i>Journal of Arthroplasty</i> , 2020 , 35, 864-869	4.4	4
51	Effects of contact stress on patellarfemoral joint and quadriceps force in fixed and mobile-bearing medial unicompartmental knee arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2020 , 15, 517	2.8	0
50	High Pelvic Incidence Is Associated with Disease Progression in Nontraumatic Osteonecrosis of the Femoral Head. <i>Clinical Orthopaedics and Related Research</i> , 2020 , 478, 1870-1876	2.2	5

49	Kinematic Alignment in Cruciate Retaining Implants Improves the Biomechanical Function in Total Knee Arthroplasty during Gait and Deep Knee Bend. <i>Journal of Knee Surgery</i> , 2020 , 33, 284-293	2.4	3
48	Medial unicompartmental knee arthroplasty to patients with a ligamentous deficiency can cause biomechanically poor outcomes. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020 , 28, 2846-2853	5.5	6
47	Being Underweight Is Associated with Worse Surgical Outcomes of Total Knee Arthroplasty Compared to Normal Body Mass Index in Elderly Patients. <i>Orthopedic Research and Reviews</i> , 2020 , 12, 53-60	2.1	0
46	Biomechanical effect with respect to the sagittal positioning of the femoral component in unicompartmental knee arthroplasty. <i>Bio-Medical Materials and Engineering</i> , 2019 , 30, 171-182	1	5
45	Flexed femoral component improves kinematics and biomechanical effect in posterior stabilized total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019 , 27, 1174-1181	5.5	11
44	Impact of Renal Function on the Surgical Outcomes of Displaced Femoral Neck Fracture in Elderly Patients. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	1
43	Biomechanical effects of posterior tibial slope on unicompartmental knee arthroplasty using finite element analysis. <i>Bio-Medical Materials and Engineering</i> , 2019 , 30, 133-144	1	4
42	Robot-assisted unicompartmental knee arthroplasty can reduce radiologic outliers compared to conventional techniques. <i>PLoS ONE</i> , 2019 , 14, e0225941	3.7	10
41	Reliability of Intraoperative Knee Range of Motion Measurements by Goniometer Compared with Robot-Assisted Arthroplasty. <i>Journal of Knee Surgery</i> , 2019 , 32, 233-238	2.4	5
40	Does Simultaneous Computed Tomography and Quantitative Computed Tomography Show Better Prescription Rate than Dual-energy X-ray Absorptiometry for Osteoporotic Hip Fracture?. <i>Hip and Pelvis</i> , 2018 , 30, 233-240	1.5	2
39	Utility of False Profile View for Screening of Ischiofemoral Impingement. <i>Hip and Pelvis</i> , 2018 , 30, 219-225	5	0
38	Effect of femoral component position on biomechanical outcomes of unicompartmental knee arthroplasty. <i>Knee</i> , 2018 , 25, 491-498	2.6	11
37	Vitamin D deficiency adversely affects early post-operative functional outcomes after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017 , 25, 3424-3430	5.5	24
36	Do zip-type skin-closing devices show better wound status compared to conventional staple devices in total knee arthroplasty?. <i>International Wound Journal</i> , 2017 , 14, 250-254	2.6	14
35	Does Conventional Lateral Long Bone Radiography Present Sagittal Axes Accurately? A Comparison with Direct Lateral Long Bone Radiography. <i>Journal of Knee Surgery</i> , 2017 , 30, 252-257	2.4	
34	The impact of generalized joint laxity on clinical outcomes of total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017 , 25, 3360-3365	5.5	5
33	Management of Blood Loss in Hip Arthroplasty: Korean Hip Society Current Consensus. <i>Hip and Pelvis</i> , 2017 , 29, 81-90	1.5	11
32	How Long Does Antimycobacterial Antibiotic-loaded Bone Cement Have In Vitro Activity for Musculoskeletal Tuberculosis?. <i>Clinical Orthopaedics and Related Research</i> , 2017 , 475, 2795-2804	2.2	8

31	Three-dimensional in vivo difference between native acetabular version and acetabular component version influences iliopsoas impingement after total hip arthroplasty. <i>International Orthopaedics</i> , 2016 , 40, 1807-12	3.8	25
30	Femur bowing could be a risk factor for implant flexion in conventional total knee arthroplasty and notching in navigated total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016 , 24, 2476-82	5.5	18
29	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, 795-800	4.7	6
28	Weight-bearing condyle motion of the knee before and after cruciate-retaining TKA: In-vivo surgical transepicondylar axis and geometric center axis analyses. <i>Journal of Biomechanics</i> , 2016 , 49, 1891-1898	2.9	17
27	In vivo kinematic evaluation of total hip arthroplasty during stair climbing. <i>Journal of Orthopaedic Research</i> , 2015 , 33, 1087-93	3.8	11
26	The Results of Long-term Follow-up of Total Hip Arthroplasty Using Hydroxyapatite-coated Cups. <i>Hip and Pelvis</i> , 2015 , 27, 209-15	1.5	5
25	Is Electrocautery of Patella Useful in Patella Non-Resurfacing Total Knee Arthroplasty?: A Prospective Randomized Controlled Study. <i>Journal of Arthroplasty</i> , 2015 , 30, 2125-7	4.4	14
24	Elongation of the collateral ligaments after cruciate retaining total knee arthroplasty and the maximum flexion of the knee. <i>Journal of Biomechanics</i> , 2015 , 48, 418-24	2.9	9
23	Utility of Preoperative Femoral Neck Geometry in Predicting Femoral Stem Anteversion. <i>Journal of Arthroplasty</i> , 2015 , 30, 1079-84	4.4	11
22	Atypical femoral fractures after anti-osteoporotic medication: a Korean multicenter study. <i>International Orthopaedics</i> , 2014 , 38, 1247-53	3.8	37
21	Detection of prefracture hip lesions in atypical subtrochanteric fracture with dual-energy x-ray absorptiometry images. <i>Radiology</i> , 2014 , 270, 487-95	20.5	22
20	Metal artifact reduction software used with abdominopelvic dual-energy CT of patients with metal hip prostheses: assessment of image quality and clinical feasibility. <i>American Journal of Roentgenology</i> , 2014 , 203, 788-95	5.4	66
19	Correlation between metabolic syndrome and knee osteoarthritis: data from the Korean National Health and Nutrition Examination Survey (KNHANES). <i>BMC Public Health</i> , 2013 , 13, 603	4.1	46
18	Isoniazid could be used for antibiotic-loaded bone cement for musculoskeletal tuberculosis: an in vitro study. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 2400-6	2.2	22
17	Relationship between distal screws and femoral arteries in closed hip nailing on computed tomography angiography. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013 , 133, 361-6	3.6	13
16	A randomized prospective study of glove perforation in orthopaedic surgery: is a thick glove more effective?. <i>Journal of Arthroplasty</i> , 2013 , 28, 1878-81	4.4	16
15	Intertunnel relationships in combined anterior cruciate ligament and posterolateral corner reconstruction: an in vivo 3-dimensional anatomic study. <i>American Journal of Sports Medicine</i> , 2013 , 41, 849-57	6.8	11
14	Predicting proximal femur rotation by morphological analyses using translucent 3-dimensional computed tomography. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012 , 132, 1747-52	3.6	6

13	Evaluation of postoperative range of motion and functional outcomes after cruciate-retaining and posterior-stabilized high-flexion total knee arthroplasty. <i>Yonsei Medical Journal</i> , 2012 , 53, 794-800	3	7
12	Metal artefact reduction in gemstone spectral imaging dual-energy CT with and without metal artefact reduction software. <i>European Radiology</i> , 2012 , 22, 1331-40	8	196
11	Anterior-posterior glide mobile-bearing total knee arthroplasty: complications related to prosthesis design. <i>Journal of Arthroplasty</i> , 2011 , 26, 1438-44	4.4	9
10	Straight tapered titanium stem with alumina bearing in cementless primary total hip arthroplasty: a minimum 5-year follow-up. <i>Journal of Arthroplasty</i> , 2011 , 26, 1310-7	4.4	9
9	Association between bone mineral density and metabolic syndrome in postmenopausal Korean women. <i>Gynecologic and Obstetric Investigation</i> , 2010 , 69, 145-52	2.5	22
8	Clinical value of regular passive ROM exercise by a physical therapist after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009 , 17, 1152-8	5.5	24
7	Osteochondral lesion of the talus: is there a critical defect size for poor outcome?. <i>American Journal of Sports Medicine</i> , 2009 , 37, 1974-80	6.8	322
6	Normative Temporal Values of CRP and ESR in Unilateral and Staged Bilateral TKA. <i>Clinical Orthopaedics and Related Research</i> , 2008 , 466, 179-88	2.2	49
5	Functional Disabilities and Issues of Concern in Female Asian Patients Before TKA. <i>Clinical Orthopaedics and Related Research</i> , 2007 , 461, 143-152	2.2	31
4	Patient Perspectives on Currently Controversial Issues in Total Knee Arthroplasty. <i>The Journal of the Korean Orthopaedic Association</i> , 2007 , 42, 204	0.1	
3	Functional disabilities and issues of concern in female Asian patients before TKA. <i>Clinical Orthopaedics and Related Research</i> , 2007 , 461, 143-52	2.2	25
2	T Plate Fixation for Unstable Fracture of Distal Clavicle. <i>Journal of the Korean Fracture Society</i> , 2006 , 19, 329	0.1	6
1	Comparison between Operative and Conservative Treatment of the 5th Metacarpal Neck Fracture. <i>The Journal of the Korean Orthopaedic Association</i> , 2004 , 39, 203	0.1	3