

Takafumi Hiranaka

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

547
citations

623734

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752698

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59
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59
docs citations

59
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of an accelerometer-based portable navigation for intraoperative adjustment of leg length discrepancy in total hip arthroplasty in the supine position. <i>Journal of Orthopaedic Science</i> , 2022, 27, 169-175.	1.1	2
2	Short distance from the keel to the posterior tibial cortex is associated with fracture after cementless Oxford UKA in Asian patients. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 1220-1230.	4.2	6
3	Lateral osteoarthritis progression is associated with a postoperative residual tibiofemoral subluxation in Oxford UKA. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 3236-3243.	4.2	5
4	Preoperative Condition of the Patellofemoral Joint Does Not Negatively Impact Surgical Outcomes of Lateral Unicompartmental Knee Arthroplasty in the Short Term. <i>Journal of Knee Surgery</i> , 2022, 35, 810-815.	1.6	1
5	Bearing Separation From the Lateral Wall of the Tibial Component Is a Risk of Anterior Dislocation of the Mobile Bearing in Oxford Unicompartmental Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, 37, 942-947.	3.1	5
6	Contralateral knee flexion predicts postoperative knee flexion in unilateral total knee arthroplasty: A retrospective study. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2022, , 103218.	2.0	2
7	Approximately 41% of knees have a looser gap in full extension than in 20° flexion after Oxford unicompartmental arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, , 1.	2.4	1
8	Fully hydroxyapatite-coated compaction broached and triple-tapered stem may reduce the risk of stress shielding after primary total hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 4087-4093.	2.4	3
9	Second-Look Arthroscopic Findings and Clinical Outcomes after Adipose-Derived Regenerative Cell Injection in Knee Osteoarthritis. <i>Clinics in Orthopedic Surgery</i> , 2022, 14, 377.	2.2	9
10	Agreement and accuracy of radiographic assessment using a decision aid for medial Oxford partial knee replacement: multicentre study. <i>Knee Surgery and Related Research</i> , 2022, 34, 13.	4.2	3
11	Approximately 80% of Japanese osteoarthritic patients fall out of the safety range in restricted kinematically-aligned total knee arthroplasty in an analysis of preoperative long-leg radiograms. <i>Knee</i> , 2022, 35, 54-60.	1.6	7
12	Infographic: Three key elements of kinematic alignment total knee arthroplasty for clarified understanding of its approaches. <i>Bone and Joint Research</i> , 2022, 11, 226-228.	3.6	1
13	Trans patellar tendon sagittal tibial cut for lateral unicompartmental knee arthroplasty-location of the split- CT simulation study. <i>Journal of Orthopaedic Science</i> , 2022, , .	1.1	0
14	Current concept of kinematic alignment total knee arthroplasty and its derivatives. <i>Bone & Joint Open</i> , 2022, 3, 390-397.	2.6	11
15	Reply to letter to the editor by Xie Kai et al.. <i>Journal of Orthopaedic Science</i> , 2022, , .	1.1	0
16	Anterior Cruciate Ligament Deficiency is Not Always a Contraindication for Medial Unicompartmental Knee Arthroplasty: A Retrospective Study in Nondesigner's Japanese Hospital. <i>Journal of Arthroplasty</i> , 2021, 36, 495-500.	3.1	13
17	Manipulation of Tibial Component to Ensure Avoidance of Bearing Separation from the Vertical Wall of Tibial Component in Oxford Unicompartmental Arthroplasty. <i>Clinics in Orthopedic Surgery</i> , 2021, 13, 123.	2.2	7
18	Impact of joint line orientation on clinical outcomes in bilateral Oxford mobile-bearing unicompartmental knee arthroplasty. <i>Knee</i> , 2021, 28, 186-193.	1.6	8

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19	CLINICAL OUTCOMES AFTER UNICOMPARTMENTAL KNEE ARTHROPLASTY FOR OSTEONECROSIS OF THE KNEE. <i>Acta Orthopædica Brasileira</i> , 2021, 29, 12-16.	0.5	3
20	External rotation of the tibial component should be avoided in lateral unicompartmental knee arthroplasty. <i>Knee</i> , 2021, 30, 70-77.	1.6	4
21	Response to Letter to the Editor “Nishida et al.: Impact of joint line orientation on clinical outcomes in bilateral Oxford mobile-bearing unicompartmental knee arthroplasty” <i>Knee</i> , 2021, 31, 195-197.	1.6	0
22	Clinical Results of Dual SC Screw: A Mini-Sliding Hip Screw with an Anti-rotating Screw for Femoral Neck Fractures. <i>Clinics in Orthopedic Surgery</i> , 2021, 13, 449.	2.2	4
23	Approximately 30% of Functioning Anterior Cruciate Ligaments Are Sacrificed for Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2020, 33, 655-658.	1.6	1
24	Intraoperative pelvic movement is associated with the body mass index in patients undergoing total hip arthroplasty in the supine position. <i>Journal of Orthopaedic Science</i> , 2020, 25, 446-451.	1.1	10
25	A subcutaneous arthroscopic portal closure technique without thread exposure. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 383-385.	1.4	1
26	Evaluation of the accuracy of acetabular cup orientation using the accelerometer-based portable navigation system. <i>Journal of Orthopaedic Science</i> , 2020, 25, 612-617.	1.1	22
27	The tibial lateral axis is a novel extraarticular landmark for detection of the tibial anteroposterior axis. <i>Surgical and Radiologic Anatomy</i> , 2020, 42, 1195-1202.	1.2	2
28	Is postoperative flexion angle genuinely better in unicompartmental knee arthroplasty than in total knee arthroplasty? A comparison between the knees in the same patients. <i>Knee</i> , 2020, 27, 1907-1913.	1.6	6
29	Bilateral unicompartmental knee arthroplasty for windswept knee osteoarthritis: A report of 13 cases. <i>Knee</i> , 2020, 27, 1715-1720.	1.6	2
30	MRI-determined preoperative lateral meniscus degeneration is not associated with adverse mid-term clinical results after mobile-bearing unicompartmental knee arthroplasty. <i>Knee</i> , 2020, 27, 1279-1284.	1.6	3
31	Extent of in vivo sagittal bearing movement and its relationship with tibial posterior slopes in Oxford mobile-bearing unicompartmental knee arthroplasty. <i>Clinical Biomechanics</i> , 2020, 80, 105148.	1.2	3
32	Morphometric analysis of medial and lateral tibia plateau and adaptability with Oxford partial knee replacement in a Japanese population. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902091930.	1.0	1
33	Surgical Phase Recognition Method with a Sequential Consistency for CAOS-AI Navigation System. , 2020, , .		2
34	Tibial shape and size predicts the risk of tibial plateau fracture after cementless unicompartmental knee arthroplasty in Japanese patients. <i>Bone and Joint Journal</i> , 2020, 102-B, 861-867.	4.4	21
35	The Medial Eminence Line for Predicting Tibial Fracture Risk after Unicompartmental Knee Arthroplasty. <i>Clinics in Orthopedic Surgery</i> , 2020, 12, 166.	2.2	9
36	A Novel Technique for Varus Tibial Cutting for Oxford Unicompartmental Knee Arthroplasty. <i>Clinics in Orthopedic Surgery</i> , 2020, 12, 554.	2.2	8

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37	Hand Frame Extraction in Surgical Video Images Using Convolutional Neural Network. , 2020, , .		3
38	Surgical Phase Recognition with Wearable Video Camera for Computer-aided Orthopaedic Surgery-AI Navigation System. International Journal of Affective Engineering, 2020, 19, 137-143.	0.5	1
39	Validation of the Macroscopic Anterior Cruciate Ligament Status Using the Oxford Classification System in Relation to Cartilage Defects on the Medial Tibial Plateau in Osteoarthritic Knees. Journal of Knee Surgery, 2020, , .	1.6	1
40	Valgus Subsidence of the Tibial Component Caused by Tibial Component Malpositioning in Cementless Oxford Mobile-Bearing Unicompartmental Knee Arthroplasty. Journal of Arthroplasty, 2019, 34, 3054-3060.	3.1	10
41	Second-look arthroscopic findings of cartilage and meniscus repair after injection of adipose-derived regenerative cells in knee osteoarthritis: Report of two cases. Regenerative Therapy, 2019, 11, 212-216.	3.0	22
42	Rotational position of the tibial component can decrease bony coverage of the tibial component in Oxford mobile-bearing unicompartmental knee arthroplasty. Knee, 2019, 26, 459-465.	1.6	15
43	Adequate Positioning of the Tibial Component Is Key to Avoiding Bearing Impingement in Oxford Unicompartmental Knee Arthroplasty. Journal of Arthroplasty, 2019, 34, 2606-2613.	3.1	19
44	Accuracy of cup orientation and learning curve of the accelerometer-based portable navigation system for total hip arthroplasty in the supine position. Journal of Orthopaedic Surgery, 2019, 27, 230949901984887.	1.0	25
45	A Modified Under-Vastus Approach for Knee Arthroplasty with Anatomical Repair of Soft Tissue. Clinics in Orthopedic Surgery, 2019, 11, 490.	2.2	12
46	Ideal screw positions for multiple screw fixation in femoral neck fractures “ Study of proximal femur morphology in a Japanese population. Journal of Orthopaedic Science, 2018, 23, 521-524.	1.1	18
47	Effect of tibial component position on short-term clinical outcome in Oxford mobile bearing unicompartmental knee arthroplasty. Journal of Orthopaedic Science, 2018, 23, 807-810.	1.1	15
48	Unicompartmental knee arthroplasty for spontaneous osteonecrosis of the medial tibial plateau. Knee, 2018, 25, 715-721.	1.6	5
49	Influence of tibial component rotation on short-term clinical outcomes in Oxford mobile-bearing unicompartmental knee arthroplasty. Knee, 2018, 25, 1222-1230.	1.6	31
50	The Use of Smart Glasses for Surgical Video Streaming. Surgical Innovation, 2017, 24, 151-154.	0.9	22
51	Additional Visualization via Smart Glasses Improves Accuracy of Wire Insertion in Fracture Surgery. Surgical Innovation, 2017, 24, 611-615.	0.9	6
52	A Validated Single-View Radiographic Alternative to Computed Tomography for the Measurement of Femoral Anteversion: A Method-Comparison Study. Journal of Arthroplasty, 2017, 32, 1018-1023.	3.1	5
53	Augmented reality: The use of the PicoLinker smart glasses improves wire insertion under fluoroscopy. World Journal of Orthopedics, 2017, 8, 891-894.	1.8	26
54	The effect of acetabular and femoral component version on dislocation in primary total hip arthroplasty. International Orthopaedics, 2016, 40, 697-702.	1.9	44

#	ARTICLE	IF	CITATIONS
55	Accurate and Easy Measurement of Sliding Distance of Intramedullary Nail in Trochanteric Fracture. Clinics in Orthopedic Surgery, 2015, 7, 152.	2.2	5
56	Comparison of the Sliding and Femoral Head Rotation among Three Different Femoral Head Fixation Devices for Trochanteric Fractures. Clinics in Orthopedic Surgery, 2015, 7, 291.	2.2	23
57	Factors influencing the outcome of deep infection following total knee arthroplasty. Knee, 2015, 22, 328-332.	1.6	8
58	The accuracy of bone tunnel position using fluoroscopic-based navigation system in anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1503-1510.	4.2	45