

The John Charnley Award: Risk Factors for Cup Malposition Through a Joint Registry at a Tertiary Hospital

Clinical Orthopaedics and Related Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Assessment of the applicability of the Hertzian contact theory to edge-loaded prosthetic hip bearings. <i>Journal of Biomechanics</i> , 2011, 44, 2802-2808.	0.9	23
2	Use of Patient-Reported Outcomes in the Context of Different Levels of Data*. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 66-71.	1.4	64
3	Relationship between Wiberg's lateral center edge angle, Lequesne's acetabular index, and medial acetabular bone stock. <i>Skeletal Radiology</i> , 2011, 40, 1435-1439.	1.2	20
4	Robotic assisted total hip arthroplasty using the MAKO platform. <i>Current Reviews in Musculoskeletal Medicine</i> , 2011, 4, 151-156.	1.3	68
5	Patient Weight more than Body Mass Index Influences Total Hip Arthroplasty Long Term Survival. <i>HIP International</i> , 2011, 21, 694-699.	0.9	16
6	Increased Range of Motion to Impingement with Large Head Total Hip Arthroplasty: Point of Diminishing Returns. <i>HIP International</i> , 2012, 22, 261-265.	0.9	9
7	Is the transverse acetabular ligament a reliable cup orientation guide?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 83, 474-480.	1.2	25
8	A Multiplanar Radiography Method for Assessing Cup Orientation in Total Hip Arthroplasty. <i>Journal of Biomechanical Engineering</i> , 2012, 134, 101008.	0.6	7
9	A Novel Device to Measure Acetabular Inclination with Patients in Lateral Decubitus. <i>HIP International</i> , 2012, 22, 683-689.	0.9	8
10	The risk of revision due to dislocation after total hip arthroplasty depends on surgical approach, femoral head size, sex, and primary diagnosis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 83, 442-448.	1.2	221
11	The influence of acetabular inclination angle on the penetration of polyethylene and migration of the acetabular component. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2012, 94-B, 302-307.	3.4	16
12	Hip arthroplasty. <i>Lancet, The</i> , 2012, 380, 1768-1777.	6.3	462
13	A Fluoroscopic Grid in Supine Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2012, 27, 111-116.	1.5	29
14	The type of surgical approach influences the risk of revision in total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 83, 559-565.	1.2	67
15	The Importance of Acetabular Component Position in Total Hip Arthroplasty. <i>Orthopedic Clinics of North America</i> , 2012, 43, e23-e34.	0.5	37
16	Fixation method does not affect restoration of rotation center in hip replacements: A single-site retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2012, 7, 25.	0.9	7
17	Measuring Acetabular Component Version After THA: CT or Plain Radiograph?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2810-2818.	0.7	37
18	Does CT-Based Navigation Improve the Long-Term Survival in Ceramic-on-Ceramic THA?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3054-3059.	0.7	76

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19	Does Standing Affect Acetabular Component Inclination and Version After THA?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2988-2994.	0.7	23
20	Instability after total hip arthroplasty. <i>World Journal of Orthopedics</i> , 2012, 3, 122.	0.8	74
21	Minimally Invasive Total Hip Arthroplasty Using a Transpiriformis Approach: A Preliminary Report. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2227-2234.	0.7	41
22	Total hip arthroplasty: to cement or not to cement the acetabular socket? A critical review of the literature. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 411-427.	1.3	52
23	Acetabular cup positioning in revision total hip arthroplasty with Paprosky type III acetabular defects: Martell radiographic analysis. <i>International Orthopaedics</i> , 2013, 37, 1905-1910.	0.9	24
24	Obesity and Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2013, 28, 714-721.	1.5	276
25	Hip replacement: Landmark surgery in modern medical history. <i>Maturitas</i> , 2013, 75, 221-226.	1.0	35
26	The effect of body weight on the choice of material for the bearing couple in artificial hip joints. <i>Seminars in Arthroplasty</i> , 2013, 24, 218-239.	0.3	3
27	Are Morbidly Obese Patients Undergoing Total Hip Arthroplasty at an Increased Risk For Component Malpositioning?. <i>Journal of Arthroplasty</i> , 2013, 28, 41-44.	1.5	62
28	Reprint of "Hip arthroplasty". <i>International Journal of Orthopaedic and Trauma Nursing</i> , 2013, 17, 65-78.	0.4	0
29	Do Obesity and/or Stripe Wear Increase Ceramic Liner Fracture Risk? An XFEM Analysis. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 527-536.	0.7	25
30	The bicipital tuberosity and distal radius are unreliable landmarks for radial head implant alignment. <i>Journal of Shoulder and Elbow Surgery</i> , 2013, 22, 1242-1247.	1.2	3
31	Comparison of Native Anatomy with Recommended Safe Component Orientation in Total Hip Arthroplasty for Primary Osteoarthritis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, e172.	1.4	67
32	Improving the Accuracy of Acetabular Component Orientation: Avoiding Malpositioning. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, e76.	1.4	8
33	Accuracy of Acetabular Component Position in Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 1760-1768.	1.4	146
34	Haptically guided robotic technology in total hip arthroplasty: A cadaveric investigation. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2013, 227, 302-309.	1.0	82
35	Standard transgluteal versus minimal invasive anterior approach in hip arthroplasty: a prospective, consecutive cohort study. <i>Orthopedic Reviews</i> , 2013, 5, 31.	0.3	41
36	Functional acetabular component position with supine total hip replacement. <i>Bone and Joint Journal</i> , 2013, 95-B, 1326-1331.	1.9	51

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37	Body mass index and acetabular component position in total hip arthroplasty. ANZ Journal of Surgery, 2013, 83, 171-174.	0.3	20
38	The use of the transverse acetabular ligament for determining the orientation of the components in total hip replacement. Bone and Joint Journal, 2014, 96-B, 312-318.	1.9	27
39	Hip dislocations after 2,734 elective unilateral fast-track total hip arthroplasties: incidence, circumstances and predisposing factors. Archives of Orthopaedic and Trauma Surgery, 2014, 134, 1615-1622.	1.3	45
40	Does Fluoroscopy Improve Acetabular Component Placement in Total Hip Arthroplasty?. Clinical Orthopaedics and Related Research, 2014, 472, 3953-3962.	0.7	75
41	Acetabular Component Orientation in Total Hip Arthroplasty: The Impact of Obesity. HIP International, 2014, 24, 263-269.	0.9	20
42	Pelvic position and movement during hip replacement. Bone and Joint Journal, 2014, 96-B, 876-883.	1.9	58
43	Accuracy of an adjustable patient-specific guide for acetabular alignment in hip replacement surgery (Optihip). Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2014, 228, 876-889.	1.0	8
44	A simple surrogate test method to rank the wear performance of prospective ceramic materials under hip prosthesis edge-loading conditions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 311-321.	1.6	6
45	The Challenges of Leaning Forward. Journal of Bone and Joint Surgery - Series A, 2014, 96, e104.	1.4	0
46	Factors influencing initial cup stability in total hip arthroplasty. Clinical Biomechanics, 2014, 29, 1177-1185.	0.5	25
47	The relationship between operative and radiographic acetabular component orientation. Bone and Joint Journal, 2014, 96-B, 1290-1297.	1.9	30
48	Comparison of Robotic-assisted and Conventional Acetabular Cup Placement in THA: A Matched-pair Controlled Study. Clinical Orthopaedics and Related Research, 2014, 472, 329-336.	0.7	223
49	Comparison of Acetabular Shell Position Using Patient Specific Instruments vs. Standard Surgical Instruments: A Randomized Clinical Trial. Journal of Arthroplasty, 2014, 29, 1030-1037.	1.5	53
50	Intraoperative digital radiography: An opportunity to assure. Seminars in Arthroplasty, 2014, 25, 130-134.	0.3	4
51	(v) Computer assisted navigation in primary total hip arthroplasty. Orthopaedics and Trauma, 2014, 28, 309-314.	0.2	7
52	Robotic Total Hip Arthroplasty. Orthopedic Clinics of North America, 2014, 45, 443-456.	0.5	11
53	Does stem design influence component positioning in total hip arthroplasty using a minimal invasive posterolateral approach?. International Orthopaedics, 2014, 38, 1347-1352.	0.9	12
54	Navigating the Reaming of the Acetabular Cavity in Total Hip Arthroplasty: Does it Improve Implantation Accuracy?. Journal of Arthroplasty, 2014, 29, 1749-1752.	1.5	8

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55	The Effect of Obesity on the Clinical, Functional and Radiological Outcome of Cementless Total Hip Replacement: A Case-Matched Study With a Minimum 10-Year Follow-Up. <i>Journal of Arthroplasty</i> , 2014, 29, 1758-1762.	1.5	19
56	Smart mechanical navigation: Assuring cup positioning. <i>Seminars in Arthroplasty</i> , 2014, 25, 135-139.	0.3	1
57	Is Cup Positioning Challenged in Hips Previously Treated With Periacetabular Osteotomy?. <i>Journal of Arthroplasty</i> , 2014, 29, 763-768.	1.5	28
58	Risk of edge-loading and prosthesis impingement due to posterior pelvic tilting after total hip arthroplasty. <i>Clinical Biomechanics</i> , 2014, 29, 607-613.	0.5	37
60	The reliability and accuracy of measuring anteversion of the acetabular component on plain anteroposterior and lateral radiographs after total hip arthroplasty. <i>Bone and Joint Journal</i> , 2015, 97-B, 611-616.	1.9	31
61	The difference between the radiographic and the operative angle of inclination of the acetabular component in total hip arthroplasty. <i>Bone and Joint Journal</i> , 2015, 97-B, 603-610.	1.9	20
62	TEMPORARY REMOVAL: Maximizing the reliability of ceramic Implants in THR. <i>Seminars in Arthroplasty</i> , 2015, , .	0.3	0
63	Hip Resurfacing: History, Current Status, and Future. <i>HIP International</i> , 2015, 25, 330-338.	0.9	43
64	Precision of Acetabular Cup Placement in Robotic Integrated Total Hip Arthroplasty. <i>HIP International</i> , 2015, 25, 531-536.	0.9	54
65	Implementation of robotics in total joint arthroplasty. <i>Robotic Surgery (Auckland)</i> , 2015, , 73.	1.3	1
66	Michigan Arthroplasty Registry Collaborative Quality Initiative (MARCQI) as a model for regional registries in the United States. <i>Orthopedic Research and Reviews</i> , 0, , 47.	0.7	12
67	The effect of orientation of the acetabular component on outcome following total hip arthroplasty with small diameter hard-on-soft bearings. <i>Bone and Joint Journal</i> , 2015, 97-B, 164-172.	1.9	65
68	The accuracy of positioning of a custom-made implant within a large acetabular defect at revision arthroplasty of the hip. <i>Bone and Joint Journal</i> , 2015, 97-B, 780-785.	1.9	48
69	Does Robotic-Assisted Computer Navigation Affect Acetabular Cup Positioning in Total Hip Arthroplasty in the Obese Patient? A Comparison Study. <i>Journal of Arthroplasty</i> , 2015, 30, 2204-2207.	1.5	50
70	Accuracy of Component Positioning in 1980 Total Hip Arthroplasties: A Comparative Analysis by Surgical Technique and Mode of Guidance. <i>Journal of Arthroplasty</i> , 2015, 30, 2208-2218.	1.5	114
71	Intraoperative digital radiography: Paradigm shift in standard of care. <i>Seminars in Arthroplasty</i> , 2015, 26, 125-130.	0.3	1
72	The causes and management of hip instability: An algorithmic approach. <i>Seminars in Arthroplasty</i> , 2015, 26, 131-135.	0.3	0
73	The impact of standard combined anteversion definitions on gait and clinical outcome within one year after total hip arthroplasty. <i>International Orthopaedics</i> , 2015, 39, 2323-2333.	0.9	16

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74	Healthy vs. osteoarthritic hips: A comparison of hip, pelvis and femoral parameters and relationships using the EOSÂ® system. <i>Clinical Biomechanics</i> , 2015, 30, 195-204.	0.5	24
75	Comparison of Cup Alignment, Jump Distance, and Complications in Consecutive Series of Anterior Approach and Posterior Approach Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 1959-1962.	1.5	74
76	Lack of Early Dislocation following Total Hip Arthroplasty with a New Dual Mobility Acetabular Design. <i>HIP International</i> , 2015, 25, 34-38.	0.9	50
77	Precision of Robotic Guided Instrumentation for Acetabular Component Positioning. <i>Journal of Arthroplasty</i> , 2015, 30, 392-397.	1.5	72
78	Unstable hip arthroplasties. A prospective cohort study on seventy dislocating hips followed up for four years. <i>International Orthopaedics</i> , 2015, 39, 1037-1044.	0.9	15
79	MyHip: supporting planning and surgical guidance for a better total hip arthroplasty. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015, 10, 1547-1556.	1.7	13
80	The Accuracy of a Mechanical Cup Alignment Guide in Total Hip Arthroplasty (THA) Through Direct Anterior and Posterior Approaches Measured with CT-Based Navigation. <i>Journal of Arthroplasty</i> , 2015, 30, 1561-1564.	1.5	22
81	What is the Fate of Total Hip Arthroplasty (THA) Acetabular Component Orientation When Evaluated in the Standing Position?. <i>Journal of Arthroplasty</i> , 2015, 30, 1555-1560.	1.5	58
82	Anterior and Anterolateral Approaches for THA Are Associated With Lower Dislocation Risk Without Higher Revision Risk. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 3401-3408.	0.7	188
83	A new universal, standardized implant database for product identification: a unique tool for arthroplasty registries. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015, 135, 919-926.	1.3	22
85	Influence of surgical approach on component positioning in primary total hip arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 180.	0.8	33
86	Fluctuation of Cup Orientation During Press-Fit Insertion: A Possible Cause of Malpositioning. <i>Journal of Arthroplasty</i> , 2015, 30, 1847-1851.	1.5	12
87	A New Method of Registration in Navigated Hip Arthroplasty Without the Need to Register the Anterior Pelvic Plane. <i>Journal of Arthroplasty</i> , 2015, 30, 55-60.	1.5	37
88	The Learning Curve Associated With Robotic-Assisted Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 50-54.	1.5	81
89	Cup Position Alone Does Not Predict Risk of Dislocation After Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 109-113.	1.5	201
90	3-Year Follow-up of a Long-Term Registry-Based Multicentre Study on Vitamin E Diffused Polyethylene in Total Hip Replacement. <i>HIP International</i> , 2016, 26, 97-103.	0.9	23
91	Computer navigation of the acetabular component in total hip arthroplasty: a narrative review. <i>EFORT Open Reviews</i> , 2016, 1, 279-285.	1.8	15
92	What do we get from navigation in primary THA?. <i>EFORT Open Reviews</i> , 2016, 1, 205-210.	1.8	22

#	ARTICLE	IF	CITATIONS
93	Does haptic robot-assisted total hip arthroplasty better restore native acetabular and femoral anatomy?. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2016, 12, 288-295.	1.2	42
94	Patient-specific Orthopaedic Implants. <i>Orthopaedic Surgery</i> , 2016, 8, 417-424.	0.7	71
95	The rate of dislocation is not increased when minimal precautions are used after total hip arthroplasty using the posterolateral approach. <i>Bone and Joint Journal</i> , 2016, 98-B, 589-594.	1.9	39
96	Inpatient Dislocation After Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 2889-2893.	1.5	26
97	Robotics in Arthroplasty: A Comprehensive Review. <i>Journal of Arthroplasty</i> , 2016, 31, 2353-2363.	1.5	303
98	Good vs Poor Results After Total Hip Arthroplasty: An Analysis Method Using Implant and Anatomic Parameters With the EOS Imaging System. <i>Journal of Arthroplasty</i> , 2016, 31, 2043-2052.	1.5	20
99	Morbidly Obese Patients Undergoing Reduced Cup Anteversion Through a Direct Lateral Approach. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 729-734.	1.4	5
100	Surgeons' Accuracy in Achieving Their Desired Acetabular Component Orientation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, e72.	1.4	32
101	Patient-specific instrumentation improves the accuracy of acetabular component placement in total hip arthroplasty. <i>Bone and Joint Journal</i> , 2016, 98-B, 1342-1346.	1.9	71
102	Scoring the Current Risk Stratification Guidelines in Follow-up Evaluation of Patients After Metal-on-Metal Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1905-1912.	1.4	13
103	A Kirschner Wire as a Transverse-Axis Guide to Improve Acetabular Cup Positioning. <i>Journal of Orthopaedic Surgery</i> , 2016, 24, 22-26.	0.4	2
104	Fluoroscopy assessment during anterior minimally invasive hip replacement is more accurate than with the posterior approach. <i>International Orthopaedics</i> , 2016, 40, 21-27.	0.9	33
105	Comparison of Three-Dimensional Planning-Assisted and Conventional Acetabular Cup Positioning in Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 108-116.	1.4	50
106	Acetabular Dysplasia and Surgical Approaches Other Than Direct Anterior Increases Risk for Malpositioning of the Acetabular Component in Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 835-841.	1.5	14
107	Plain Radiographs are a Useful Substitute for Computed Tomography in Evaluating Acetabular Cup Version. <i>Journal of Arthroplasty</i> , 2016, 31, 2320-2324.	1.5	9
108	Robot-assisted total hip arthroplasty. <i>Expert Review of Medical Devices</i> , 2016, 13, 47-56.	1.4	51
109	Higher Acetabular Anteversion in Direct Anterior Total Hip Arthroplasty: A Retrospective Case-Control Study. <i>HSS Journal</i> , 2016, 12, 240-244.	0.7	16
110	Total Hip Arthroplasty Functional Outcomes Are Independent of Acetabular Component Orientation When a Polyethylene Liner Is Used. <i>Journal of Arthroplasty</i> , 2016, 31, 830-834.e3.	1.5	6

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111	Effect of Body Mass Index on Complications and Reoperations After Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 169-179.	1.4	151
112	Independent Evaluation of a Mechanical Hip Socket Navigation System in Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 658-661.	1.5	2
113	Abductor Biomechanics Clinically Impact the Total Hip Arthroplasty Dislocation Rate. <i>Journal of Arthroplasty</i> , 2016, 31, 484-490.	1.5	62
114	A critical analysis of radiographic factors in patients who develop dislocation after elective primary total hip arthroplasty. <i>International Orthopaedics</i> , 2016, 40, 703-708.	0.9	24
115	Redefining the Acetabular Component Safe Zone for Posterior Approach Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 506-511.	1.5	106
116	Do lifestyle restrictions and precautions prevent dislocation after total hip arthroplasty? A systematic review and meta-analysis of the literature. <i>Clinical Rehabilitation</i> , 2016, 30, 329-339.	1.0	59
117	Efficacy of the Anatomical-Pelvic-Plane Positioner in Total Hip Arthroplasty in the Lateral Decubitus Position. <i>Journal of Arthroplasty</i> , 2017, 32, 1520-1524.	1.5	14
118	Rigid Patient Positioning is Unreliable in Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 1890-1893.	1.5	16
119	Variation in functional pelvic tilt in patients undergoing total hip arthroplasty. <i>Bone and Joint Journal</i> , 2017, 99-B, 184-191.	1.9	171
120	Poor Acetabular Component Orientation Increases Revision Risk in Metal-on-Metal Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 2204-2207.	1.5	9
121	Improvement of activities of daily living after total hip arthroplasty using a computed tomography-based navigation system. <i>Journal of Artificial Organs</i> , 2017, 20, 152-157.	0.4	7
122	Patient Obesity Influences Pelvic Lift During Cup Insertion in Total Hip Arthroplasty Through a Lateral Transgluteal Approach in Supine Position. <i>Journal of Arthroplasty</i> , 2017, 32, 2762-2767.	1.5	12
123	Can Surgeons Reduce the Risk for Dislocation After Primary Total Hip Arthroplasty Performed Using the Posterolateral Approach?. <i>Journal of Arthroplasty</i> , 2017, 32, 3141-3146.	1.5	20
124	Fluoroscopically Guided Acetabular Component Positioning: Does It Reduce the Risk of Malpositioning in Obese Patients?. <i>Journal of Arthroplasty</i> , 2017, 32, 3052-3055.	1.5	12
125	Course of pelvic lift during total hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 129-133.	1.3	3
126	Precision and accuracy of imageless navigation versus freehand implantation of total hip arthroplasty: A systematic review and meta-analysis. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2017, 13, e1843.	1.2	52
127	Acetabular Placement Accuracy With the Direct Anterior Approach Freehand Technique. <i>Journal of Arthroplasty</i> , 2017, 32, 2748-2754.	1.5	31
128	Dynamic virtual simulation of the occurrence and severity of edge loading in hip replacements associated with variation in the rotational and translational surgical position. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 299-306.	1.0	3

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129	Navigation and Robotics in Total Hip Arthroplasty. <i>JBJS Reviews</i> , 2017, 5, .	0.8	46
130	Does the Dual-Mobility Hip Prosthesis Produce Better Joint Kinematics During Extreme Hip Flexion Task?. <i>Journal of Arthroplasty</i> , 2017, 32, 3206-3212.	1.5	6
131	The evolution of an uncemented acetabular component in alumina-on-alumina total hip arthroplasty has improved clinical outcome. <i>Bone and Joint Journal</i> , 2017, 99-B, 749-758.	1.9	9
132	Ten-Year Cross-Sectional Study of Mechanically Assisted Crevice Corrosion in 1352 Consecutive Patients With Metal-on-Polyethylene Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 2546-2551.	1.5	68
133	Accuracy and reproducibility of preoperative three-dimensional planning for total hip arthroplasty using biplanar low-dose radiographs: A pilot study. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2017, 103, 531-536.	0.9	46
134	Arthroplasty registries around the world: valuable sources of hip implant revision risk data. <i>Current Reviews in Musculoskeletal Medicine</i> , 2017, 10, 240-252.	1.3	57
135	Acetabulum-Only Revision Total Hip Arthroplasty Is Associated With Good Functional Outcomes and Survivorship. <i>Journal of Arthroplasty</i> , 2017, 32, 2219-2225.e1.	1.5	6
136	Efficacy of a computed tomography-based navigation system for placement of the acetabular component in total hip arthroplasty for developmental dysplasia of the hip. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901772795.	0.4	21
137	The reliability of measuring acetabular component position on radiographs using everyday diagnostic imaging software. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901771895.	0.4	4
138	Advantages and limitations of national arthroplasty registries. The need for multicenter registries: the Rempro-SBQ. <i>Revista Brasileira De Ortopedia</i> , 2017, 52, 3-13.	0.6	2
139	Vantagens e limitações dos registros nacionais de artroplastias. A necessidade de registros multicêntricos: o Rempro-SBQ. <i>Revista Brasileira De Ortopedia</i> , 2017, 52, 3-13.	0.2	7
140	Précision et reproductibilité de la planification 3D des prothèses totales de hanche (PTH) basée sur la radiographie par balayage linéaire biplan à faible radiation: Étude pilote. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2017, 103, 377-382.	0.0	0
141	Technology in Arthroplasty: Are We Improving Value?. <i>Current Reviews in Musculoskeletal Medicine</i> , 2017, 10, 378-387.	1.3	14
142	Surgical accuracy, function, and quality of life of simultaneous versus staged bilateral Total hip Arthroplasty in patients with Osteonecrosis of the femoral head. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 266.	0.8	14
143	Risk factors for wear-related failures after hip resurfacing in patients with a low contact patch to rim distance. <i>Bone and Joint Journal</i> , 2017, 99-B, 865-871.	1.9	15
144	The Impact of Total Hip Arthroplasty on Pelvic Motion and Functional Component Position is Highly Variable. <i>Journal of Arthroplasty</i> , 2017, 32, 1200-1205.	1.5	36
145	Adoption of Robotic vs Fluoroscopic Guidance in Total Hip Arthroplasty: Is Acetabular Positioning Improved in the Learning Curve?. <i>Journal of Arthroplasty</i> , 2017, 32, 125-130.	1.5	88
146	Acetabular Component Position and the Risk of Dislocation Following Primary and Revision Total Hip Arthroplasty: A Matched Cohort Analysis. <i>Journal of Arthroplasty</i> , 2017, 32, 987-991.	1.5	73

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147	Wear Rates of Larger-Diameter Cross-Linked Polyethylene at 5 to 13 Years: Does Liner Thickness or Component Position Matter?. <i>Journal of Arthroplasty</i> , 2017, 32, 1381-1386.	1.5	25
148	Acetabular cup position and risk of dislocation in primary total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 88, 10-17.	1.2	163
149	Dislocation Rates following Anterior Approach THA: The Role of Functional Pelvic Tilt. <i>The Journal of Hip Surgery</i> , 2017, 01, 194-199.	0.1	0
150	Intraoperative Fluoroscopy with a Direct Anterior Approach Reduces Variation in Acetabular cup Abduction Angle. <i>HIP International</i> , 2017, 27, 573-577.	0.9	19
151	Line-to-Line Reaming of Highly Porous Acetabular Components Improves Position and Reduces Variability of Component Placement. <i>The Journal of Hip Surgery</i> , 2017, 01, 180-185.	0.1	0
152	Current Concepts in Acetabular Positioning in Total Hip Arthroplasty. <i>Indian Journal of Orthopaedics</i> , 2017, 51, 386-396.	0.5	61
153	The Evolution of Computer-Assisted Total Hip Arthroplasty and Relevant Applications. <i>Hip and Pelvis</i> , 2017, 29, 1-14.	0.6	23
154	Level of surgical experience is associated with change in hip center of rotation following cementless total hip arthroplasty: A radiographic assessment. <i>PLoS ONE</i> , 2017, 12, e0178300.	1.1	16
155	Hip malformation is a very common finding in young patients scheduled for total hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 581-589.	1.3	10
156	Prevention of Dislocation After Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 1316-1324.	1.5	118
157	Total hip arthroplasty via an anterolateral supine approach for obese patients increases the risk of greater trochanteric fracture. <i>Journal of Orthopaedics</i> , 2018, 15, 379-383.	0.6	12
158	Imageless Computer-Assisted Navigation for Total Hip Arthroplasty. , 2018, , 105-118.		0
159	Digital Radiography in Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 226-235.	1.4	29
160	Retrieval Analysis of Large-Head Modular Metal-on-Metal Hip Replacements of a Single Design. <i>Journal of Arthroplasty</i> , 2018, 33, 1945-1952.	1.5	10
161	Intra-operative digital imaging. <i>Bone and Joint Journal</i> , 2018, 100-B, 36-43.	1.9	23
162	The best method for evaluating anteversion of the acetabular component after total hip arthroplasty on plain radiographs. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 66.	0.9	31
163	A comparison of two different navigated hip replacement techniques on leg length discrepancy. <i>Journal of Orthopaedics</i> , 2018, 15, 765-767.	0.6	2
164	The effect of BMI and surgical approach on acetabular component malpositioning in a cohort of military patients with hip arthroplasty. <i>Current Orthopaedic Practice</i> , 2018, 29, 244-249.	0.1	0

#	ARTICLE	IF	CITATIONS
165	Adventure sports and sexual freedom hip replacement: the tripolar hip. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 37-43.	0.6	3
166	Has the risk of dislocation after total hip arthroplasty performed for displaced femoral neck fracture improved with modern implants?. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2018, 9, 281-284.	0.6	12
167	Change in Acetabular Cup Orientation From Supine to Standing Position and Its Effect on Wear of Highly Crosslinked Polyethylene. <i>Journal of Arthroplasty</i> , 2018, 33, 263-267.	1.5	18
168	A retrospective study on the relationship between altered native acetabular angle and vertical implant malpositioning. <i>International Orthopaedics</i> , 2018, 42, 769-775.	0.9	8
169	Robotics and navigation “ Delivering the patient-specific plan. <i>Seminars in Arthroplasty</i> , 2018, 29, 323-329.	0.3	0
170	Pelvic positioning in the supine position leads to more consistent orientation of the acetabular component after total hip arthroplasty. <i>Bone and Joint Journal</i> , 2018, 100-B, 1280-1288.	1.9	40
171	Is the alignment guide technique in total hip arthroplasty sufficient for accurate cup positioning with a modified Watson Jones approach?. <i>Journal of Orthopaedic Surgery</i> , 2018, 26, 230949901880664.	0.4	3
172	Spine-Pelvis-Hip Relationship in the Functioning of a Total Hip Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1606-1615.	1.4	151
173	Robotic-assisted compared with conventional total hip arthroplasty: systematic review and meta-analysis. <i>Postgraduate Medical Journal</i> , 2018, 94, 335-341.	0.9	80
174	Robot-assisted total hip arthroplasty: Clinical outcomes and complication rate. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2018, 14, e1912.	1.2	50
175	Highly crosslinked polyethylene wear rates and acetabular component orientation. <i>Bone and Joint Journal</i> , 2018, 100-B, 891-897.	1.9	19
176	Total knee arthroplasty: improving outcomes with a multidisciplinary approach. <i>Journal of Multidisciplinary Healthcare</i> , 2018, Volume 11, 63-73.	1.1	101
177	3D-printed Patient-specific Guides for Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2018, 26, e342-e348.	1.1	47
178	Does Intraoperative Fluoroscopy Improve Limb-Length Discrepancy and Acetabular Component Positioning During Direct Anterior Total Hip Arthroplasty?. <i>Journal of Arthroplasty</i> , 2018, 33, 2927-2931.	1.5	42
179	Which one is more affected by navigation-assisted cup positioning in total hip arthroplasty: Anteversion or inclination? A retrospective matched-pair cohort study in Asian physique. <i>Journal of Orthopaedic Surgery</i> , 2018, 26, 230949901878075.	0.4	7
180	Radiographic cup position following posterior and lateral approach to total hip arthroplasty. An explorative randomized controlled trial. <i>PLoS ONE</i> , 2018, 13, e0191401.	1.1	6
181	A prospective clinical trial to assess the accuracy of an MRI-based patient-specific acetabular instrument guide in total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 65-71.	0.6	13
182	The effects of total hip arthroplasty in treating hip bony fusion in young and middle-aged patients with ankylosing spondylitis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 253.	0.9	11

#	ARTICLE	IF	CITATIONS
183	A Preoperative Analytical Model for Patient-Specific Impingement Analysis in Total Hip Arthroplasty. <i>Advances in Orthopedics</i> , 2019, 2019, 1-9.	0.4	9
184	Total Hip Arthroplasty Technique: Mako. , 2019, , 205-217.		0
185	Three-dimensional analysis of acetabular cup orientation and an evaluation of the relationship with pelvic sagittal parameters. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901986122.	0.4	3
186	Improved perioperative outcomes with direct anterior approach total hip arthroplasty in a Veteran's Affairs patient population. <i>Journal of Arthroscopy and Joint Surgery</i> , 2019, 6, 165-170.	0.3	1
187	Severe Obesity Increases Risk of Infection After Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, 3023-3029.e2.	1.5	11
188	A novel positioner for accurately sitting the acetabular component: a retrospective comparative study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 279.	0.9	4
189	Does body mass index affect restoration of femoral offset, leg length and cup positioning after total hip arthroplasty? A prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 422.	0.8	16
190	Lumbar fusion involving the sacrum increases dislocation risk in primary total hip arthroplasty. <i>Bone and Joint Journal</i> , 2019, 101-B, 198-206.	1.9	92
191	Assuring the long-term total joint arthroplasty. <i>Bone and Joint Journal</i> , 2019, 101-B, 11-18.	1.9	61
192	Accuracy and practicability of a patient-specific guide using acetabular superolateral rim during THA in Crowe II/III DDH patients: a retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 19.	0.9	17
193	Poor outcomes for osteoporotic patients undergoing conversion total hip arthroplasty following prior failed dynamic hip screw fixation: a nationwide retrospective cohort study. <i>Journal of International Medical Research</i> , 2019, 47, 1544-1554.	0.4	10
194	Supine versus lateral position for accurate positioning of acetabular cup in total hip arthroplasty using the modified Watson-Jones approach: A randomized single-blind controlled trial. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 915-922.	0.9	23
195	The direct superior approach in total hip arthroplasty. <i>British Journal of Hospital Medicine (London)</i> , Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50.2 14	0.2	14
196	Does the thigh circumference affect the positioning of the acetabular component when using the direct anterior approach in total hip arthroplasty?. <i>Bone and Joint Journal</i> , 2019, 101-B, 529-535.	1.9	5
197	The influence of cavity preparation and press-fit cup implantation on restoring the hip rotation center. <i>Clinical Biomechanics</i> , 2019, 63, 185-192.	0.5	4
198	Efficacy of Computed Tomography-Based Navigation for Cup Placement in Revision Total Hip Arthroplasty. <i>Clinics in Orthopedic Surgery</i> , 2019, 11, 43.	0.8	12
199	A review of the evolution of robotic-assisted total hip arthroplasty. <i>HIP International</i> , 2019, 29, 232-238.	0.9	44
200	Use of smartphone to improve acetabular component positioning in total hip athroplasty: A comparative clinical study. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901982557.	0.4	13

#	ARTICLE	IF	CITATIONS
201	The current role of robotics in total hip arthroplasty. EFORT Open Reviews, 2019, 4, 618-625.	1.8	58
202	Techniques for Optimizing Acetabular Component Positioning in Total Hip Arthroplasty. JBJS Reviews, 2019, 7, e5-e5.	0.8	12
203	The Impact of Surgeon Volume and Training Status on Implant Alignment in Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2019, 101, 1713-1723.	1.4	43
204	Does Robotic-Assisted Total Hip Arthroplasty Improve Accuracy of Cup Positioning?. The Journal of Hip Surgery, 2019, 03, 176-180.	0.1	3
205	Death of the Lewinnek "Safe Zone". Journal of Arthroplasty, 2019, 34, 1-2.	1.5	90
206	Functional Safe Zone Is Superior to the Lewinnek Safe Zone for Total Hip Arthroplasty: Why the Lewinnek Safe Zone Is Not Always Predictive of Stability. Journal of Arthroplasty, 2019, 34, 3-8.	1.5	183
207	Accuracy and Precision of Acetabular Component Placement With Imageless Navigation in Obese Patients. Journal of Arthroplasty, 2019, 34, 693-699.	1.5	16
208	Pose Estimation of Periacetabular Osteotomy Fragments With Intraoperative X-Ray Navigation. IEEE Transactions on Biomedical Engineering, 2020, 67, 441-452.	2.5	21
209	New Advances in Robotic Surgery in Hip and Knee Replacement. , 2020, , 397-410.		1
210	Anterior pelvic plane registration accuracy and cup position measurement using ultrasound- and pointer-based navigation in primary total hip arthroplasty. Technology and Health Care, 2020, 28, 315-323.	0.5	1
211	A new method for intraoperative assessment of leg length, sizing and placement of the components in total hip replacement. European Journal of Orthopaedic Surgery and Traumatology, 2020, 30, 689-694.	0.6	2
212	Current topics in robotic-assisted total hip arthroplasty: a review. HIP International, 2020, 30, 118-124.	0.9	36
213	Conservative two-stage revision with primary components of infected total hip arthroplasty: An analysis of survival, clinical and radiographic outcomes. PLoS ONE, 2020, 15, e0239981.	1.1	7
214	Pelvic motion the key to understanding spine-hip interaction. EFORT Open Reviews, 2020, 5, 522-533.	1.8	24
215	Minimum 5-Year Outcomes of Robotic-assisted Primary Total Hip Arthroplasty With a Nested Comparison Against Manual Primary Total Hip Arthroplasty: A Propensity Score "Matched Study. Journal of the American Academy of Orthopaedic Surgeons, The, 2020, 28, 847-856.	1.1	59
216	Can the use of an inclinometer improve acetabular cup inclination in total hip arthroplasty? A review of the literature. HIP International, 2021, 31, 609-617.	0.9	8
217	Development of a hip joint mathematical model to assess implanted and non-implanted hips under various conditions. Journal of Biomechanics, 2020, 112, 110051.	0.9	4
218	Monolithic Dual Mobility Cup Total Hip Arthroplasty Has High Complication Rates With Surgical Fixation in Elderly With Femur Neck Fracture. Journal of Arthroplasty, 2020, 35, 3621-3626.	1.5	6

#	ARTICLE	IF	CITATIONS
219	Digitalized analyses of intraoperative acetabular component position using image-matching technique in total hip arthroplasty. <i>Bone and Joint Research</i> , 2020, 9, 360-367.	1.3	7
220	Biomechanical reconstruction parameters obtained after direct anterior approach total hip arthroplasty do not compromise clinical outcome. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 1463-1470.	0.6	2
221	Current concepts in robotic total hip arthroplasty. <i>Sicot-j</i> , 2020, 6, 45.	0.8	28
222	Progressive failure analysis of a hip joint based on extended finite element method. <i>Engineering Failure Analysis</i> , 2020, 117, 104829.	1.8	10
223	Supercapsular Percutaneously Assisted total hip arthroplasty versus lateral approach in Total Hip Replacement. A prospective comparative study. <i>Journal of Orthopaedics</i> , 2020, 21, 406-415.	0.6	6
224	Accuracy of acetabular cup placement using an angle-adjusting alignment guide with laser pointer in total hip arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902096286.	0.4	0
226	Computerised tomography-based planning with conventional total hip arthroplasty versus robotic-arm assisted total hip arthroplasty: study protocol for a prospective randomised controlled trial. <i>Trials</i> , 2020, 21, 776.	0.7	2
227	Safety of vitamin E-infused highwall liners for routine use in primary total hip arthroplasty: single centre, short-term follow-up of 1221 cases. <i>HIP International</i> , 2020, , 112070002096964.	0.9	1
228	Obesity Alters Spinopelvic Alignment Changes From Standing to Relaxed Sitting: the Influence of the Soft-tissue Envelope. <i>Arthroplasty Today</i> , 2020, 6, 590-595.e1.	0.8	7
229	Can custom 3D printed implants successfully reconstruct massive acetabular defects? A 3Dâ€CT assessment. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2640-2648.	1.2	25
230	Transitioning the total hip arthroplasty technique from posterior approach in lateral position to direct anterior approach in supine positionâ€risk factors for acetabular malpositioning and the learning curve. <i>International Orthopaedics</i> , 2020, 44, 1669-1676.	0.9	17
231	Long-term performance of oxidized zirconium on conventional and highly cross-linked polyethylene in total hip arthroplasty. <i>Sicot-j</i> , 2020, 6, 10.	0.8	11
232	Effect of patient-specific instrument on lowering threshold for junior physicians to perform total hip arthroplasty on developmental dysplasia of the hip patients. <i>International Orthopaedics</i> , 2020, 44, 1281-1286.	0.9	5
233	Comparison of Component Placement Accuracy Using Two Intraoperative Fluoroscopic Grid Technologies During Direct Anterior Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 3601-3606.	1.5	16
234	Extramedullary Guide Alignment Is not Affected by Obesity in Primary Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2021, 34, 1076-1079.	0.9	5
235	Considerations in spinopelvic parameters and acetabular component orientation in patients with lumbar spinal fusion following total hip arthroplasty: A retrospective study. <i>Current Orthopaedic Practice</i> , 2020, 31, 218-223.	0.1	1
236	Radiographic assessment of the cup orientation after total hip arthroplasty: a literature review. <i>Annals of Translational Medicine</i> , 2020, 8, 130-130.	0.7	17
237	Acetabular reconstruction with an iceâ€cream cone prosthesis following resection of pelvic tumors: Does computer navigation improve surgical outcome?. <i>Journal of Surgical Oncology</i> , 2020, 121, 1104-1114.	0.8	20

#	ARTICLE	IF	CITATIONS
238	Three-dimensional templating in hip arthroplasty: the basis for template-directed instrumentation?. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 827-833.	1.3	7
239	Comparison of accuracy of cup position using portable navigation versus alignment guide in total hip arthroplasty in supine position. HIP International, 2021, 31, 492-499.	0.9	20
240	Standardization of lateral pelvic radiograph is necessary to predict spinopelvic mobility accurately. Bone and Joint Journal, 2020, 102-B, 41-46.	1.9	10
241	Does cup position differ between trabecular metal and titanium cups? A radiographic propensity score matched study of 300 hips. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 91, 682-686.	1.2	1
242	Acetabular positioning is more consistent with the use of a novel miniature computer-assisted device. International Orthopaedics, 2020, 44, 429-435.	0.9	9
243	Portable imageless navigation system and surgeon's estimate for accurate evaluation of acetabular cup orientation during total hip arthroplasty in supine position. European Journal of Orthopaedic Surgery and Traumatology, 2020, 30, 707-712.	0.6	16
244	Early Surgical Complications of Total Hip Arthroplasty in Patients With Morbid Obesity: Propensity-Matched Cohort Study of 3683 Patients. Journal of Arthroplasty, 2020, 35, 2646-2651.	1.5	11
245	3D Printed Patient-Specific Acetabular Jig for Cup Placement in Total Hip Arthroplasty. Indian Journal of Orthopaedics, 2020, 54, 174-180.	0.5	13
246	Impact of surgeon handedness in manual and robot-assisted total hip arthroplasty. Journal of Orthopaedic Surgery and Research, 2020, 15, 159.	0.9	15
247	An accelerometer-based navigation system provides acetabular cup orientation accuracy comparable to that of computed tomography-based navigation during total hip arthroplasty in the supine position. Journal of Orthopaedic Surgery and Research, 2020, 15, 147.	0.9	9
248	Pelvic tilt between supine and standing after total hip arthroplasty an RSA up to seven years after the operation. Journal of Orthopaedic Research, 2021, 39, 121-129.	1.2	3
249	Changes of acetabular anteversion according to pelvic tilt on sagittal plane under various acetabular inclinations. Journal of Orthopaedic Research, 2021, 39, 806-812.	1.2	6
250	Can Dislocation Rates Be Decreased Using the Anterior Approach in Patients With Lumbar Spondylosis or Lumbar Instrumented Fusion?. Journal of Arthroplasty, 2021, 36, 217-221.	1.5	15
251	Preparing for an Era of Episode-Based Care in Total Joint Arthroplasty. Journal of Arthroplasty, 2021, 36, 810-815.	1.5	9
252	Incidence of tensor fascia lata muscle atrophy after using the modified Watson-Jones anterolateral approach in total hip arthroplasty. European Journal of Orthopaedic Surgery and Traumatology, 2021, 31, 533-540.	0.6	12
253	Smartphone-assisted technique in total hip arthroplasty can improve the precision of acetabular cup placement: a randomised controlled trial. HIP International, 2021, 31, 50-57.	0.9	2
254	Accuracy of cup placement in total hip arthroplasty by means of a mechanical positioning device: a comprehensive cadaveric 3d analysis of 16 specimens. HIP International, 2021, 31, 58-65.	0.9	3
255	Does surgical approach affect early outcomes following primary total hip replacement in obese patients?. HIP International, 2021, 31, 304-310.	0.9	1

#	ARTICLE	IF	CITATIONS
256	The learning curve of robotic-arm assisted acetabular cup positioning during total hip arthroplasty. <i>HIP International</i> , 2021, 31, 311-319.	0.9	50
257	The Hip-Spine Relationship: The Importance of Femoral Version. <i>Journal of Arthroplasty</i> , 2021, 36, S99-S103.	1.5	3
258	Improving Acetabular Component Positioning in Supine Direct Anterior Total Hip Arthroplasty with a Transparency Template: A Novel, Simple, and Cost-effective Technique. <i>Hip and Pelvis</i> , 2021, 33, 120-127.	0.6	2
259	Robotics and Navigation as Learning Tools for Fellows Training in Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, 176-181.	1.1	3
260	Targeting the safe zones for cup position without fluoroscopic guidance in total hip arthroplasty: does the surgical approach affect the outcomes?. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 1471-1476.	0.6	1
261	Orientation of Transverse Acetabular Ligament With Reference to Anterior Pelvic Plane. <i>Arthroplasty Today</i> , 2021, 7, 1-6.	0.8	7
262	The introduction of robotic-arm assisted Total Hip Arthroplasty: Learning curve and effect on theatre utilization.. <i>Perioperative Care and Operating Room Management</i> , 2021, 22, 100153.	0.2	0
263	Short-term Clinical Outcomes of Robotic-Arm Assisted Total Hip Arthroplasty: A Pair-Matched Controlled Study. <i>Orthopedics</i> , 2021, 44, e236-e242.	0.5	16
264	Primary Robotic-Arm Assisted Total Hip Arthroplasty: An Analysis of 501 Hips With 44-Month Follow-up. <i>Orthopedics</i> , 2021, 44, 70-76.	0.5	7
265	Obesity does not influence acetabular component accuracy when using a 3D optical computer navigation system. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2021, 14, 40-44.	0.6	5
266	Early postoperative clinical recovery of robotic arm-assisted vs. image-based navigated Total hip Arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 314.	0.8	11
267	Surgeon Level of Expertise in Adult Reconstruction: A Brief Communication Regarding the Need for Reporting the Level of Expertise. <i>Arthroplasty Today</i> , 2021, 8, 1-4.	0.8	3
268	Comparison of the accuracy of the cup position and orientation in total hip arthroplasty for osteoarthritis secondary to developmental dysplasia of the hip between the Mako robotic arm-assisted system and computed tomography-based navigation. <i>International Orthopaedics</i> , 2021, 45, 1719-1725.	0.9	30
269	Does robotic assisted technology improve the accuracy of acetabular component positioning in patients with DDH?. <i>Journal of Orthopaedic Surgery</i> , 2021, 29, 230949902110253.	0.4	5
270	Adoption of Robotic Arm-Assisted Total Hip Arthroplasty Results in Reliable Clinical and Radiographic Outcomes at Minimum Two-Year Follow Up. <i>Surgical Technology International</i> , 0, , .	0.1	3
271	The Accuracy of Patient-Specific Instrumentation with Laser Guidance in a Dynamic Total Hip Arthroplasty: A Radiological Evaluation. <i>Sensors</i> , 2021, 21, 4232.	2.1	10
272	Comparison of Outcomes After Robotic-Assisted or Conventional Total Hip Arthroplasty at a Minimum 2-Year Follow-up. <i>JBJS Reviews</i> , 2021, 9, .	0.8	12
273	A single-surgeon experience in reconstruction of femoro-acetabular offset and implant positioning in direct anterior approach and anterolateral MIS approach with a curved short stem. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, , 1.	1.3	4

#	ARTICLE	IF	CITATIONS
274	Well-Placed Acetabular Component Oriented Outside the Safe Zone During Weight-Bearing Daily Activities. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 664907.	2.0	3
275	Robotic arm-assisted versus manual total hip arthroplasty. <i>Bone and Joint Journal</i> , 2021, 103-B, 1009-1020.	1.9	57
276	Can robotic technology mitigate the learning curve of total hip arthroplasty?. <i>Bone & Joint Open</i> , 2021, 2, 365-370.	1.1	9
277	Evoluci3n de la inclinaci3n p3lvica a lo largo del tiempo en pacientes intervenidos de pr3tesis total de cadera. Estudio cl3nico-radiol3gico con un seguimiento m3ximo de cinco a3os. <i>Revista Espa3ola De Cirug3a Ortop3dica Y Traumatolog3a</i> , 2021, , .	0.1	0
278	Instability After Total Hip Arthroplasty and the Role of Advanced and Robotic Technology. <i>Orthopedic Clinics of North America</i> , 2021, 52, 191-200.	0.5	6
279	The area method for measuring acetabular cup anteversion: An accurate and autonomous solution. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2021, 18, 61-65.	0.6	3
281	The Cost of Robot-assisted Total Hip Arthroplasty: Comparing Safety and Hospital Charges to Conventional Total Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, 609-615.	1.1	22
282	Spinopelvic mobility affects accuracy of acetabular anteversion measurements on cross-table lateral radiographs. <i>Bone and Joint Journal</i> , 2021, 103-B, 59-65.	1.9	4
283	The Hip-Spine Relationship in Total Hip Arthroplasty: How to Execute the Plan. <i>Journal of Arthroplasty</i> , 2021, 36, S111-S120.	1.5	29
284	Guides patient-sp3cifiques en chirurgie orthop3dique. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2021, 107, S1-S1.	0.0	0
285	Preoperative radiographs to predict component malposition in direct anterior approach total hip arthroplasty. <i>HIP International</i> , 2023, 33, 207-213.	0.9	3
286	The Patient-Specific Combined Target Zone for Morpho-Functional Planning of Total Hip Arthroplasty. <i>Journal of Personalized Medicine</i> , 2021, 11, 817.	1.1	10
287	Accuracy of acetabular cup placement positively correlates with level of training. <i>International Orthopaedics</i> , 2021, 45, 2797-2804.	0.9	4
288	A Modeling Study of a Patient-specific Safe Zone for THA: Calculation, Validation, and Key Factors Based on Standing and Sitting Sagittal Pelvic Tilt. <i>Clinical Orthopaedics and Related Research</i> , 2022, 480, 191-205.	0.7	17
290	Comparing early and mid-term outcomes between robotic-arm assisted and manual total hip arthroplasty: a systematic review. <i>Journal of Robotic Surgery</i> , 2022, 16, 735-748.	1.0	6
291	Is there increased value in robotic arm-assisted total hip arthroplasty?. <i>Bone and Joint Journal</i> , 2021, 103-B, 1488-1496.	1.9	30
292	Robotic arm-assisted arthroplasty: The latest developments. <i>Chinese Journal of Traumatology - English Edition</i> , 2022, 25, 125-131.	0.7	12
293	Supine versus lateral position for total hip replacement: accuracy of biomechanical reconstruction. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 2945-2955.	1.3	7

#	ARTICLE	IF	CITATIONS
294	Low dislocation rates with the use of patient specific "Safe zones" in total hip arthroplasty. Journal of Orthopaedics, 2021, 27, 41-48.	0.6	7
295	Robotic-arm assisted versus manual total hip arthroplasty: Systematic review and meta-analysis of radiographic accuracy. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2332.	1.2	26
296	Consideration of pelvic tilt at the time of preoperative planning improves standing acetabular position after robotic-arm assisted total hip arthroplasty. HIP International, 2021, , 112070002110386.	0.9	2
297	Harris Hip Score and SF-36 following metal-on-metal total hip arthroplasty and hip resurfacing - a randomized controlled trial with 5-years follow up including 75 patients. BMC Musculoskeletal Disorders, 2021, 22, 781.	0.8	10
298	Importance of Hip-Spine Syndrome in Hip Arthroplasty: Influence on the Outcome and Therapeutic Consequences. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2023, 161, 168-174.	0.4	2
299	Robotic arm-assisted versus manual total hip arthroplasty. Bone and Joint Research, 2021, 10, 22-30.	1.3	37
302	Haptic Robotics in Total Hip Arthroplasty. , 2016, , 1391-1405.		2
304	Plan in 2-D, execute in 3-D: an augmented reality solution for cup placement in total hip arthroplasty. Journal of Medical Imaging, 2018, 5, 1.	0.8	32
305	Robotics in total hip arthroplasty: a review of the evolution, application and evidence base. EFORT Open Reviews, 2020, 5, 866-873.	1.8	18
306	Accuracy of the modified Hardinge approach in acetabular positioning. Canadian Journal of Surgery, 2016, 59, 247-253.	0.5	8
307	Patient Specific Component Alignment in Total Hip Arthroplasty. Reconstructive Review, 2016, 6, .	0.1	20
308	Technical Note on Using Intraoperative Smartphone Applications to Adjust Cup Inclination Angle during Total Hip Arthroplasty (THA). Archives of Bone and Joint Surgery, 2020, 8, 734-738.	0.1	4
309	Total hip replacement and surface replacement for the treatment of pain and disability resulting from end-stage arthritis of the hip (review of technology appraisal guidance 2 and 44): systematic review and economic evaluation. Health Technology Assessment, 2015, 19, 1-668.	1.3	32
310	Robotic Guidance in Total Hip Arthroplasty: The Shape of Things to Come. Orthopedics, 2011, 34, e652-5.	0.5	14
311	Acetabular Component Positioning in Primary THA via an Anterior, Posterolateral, or Posterolateral-navigated Surgical Technique. Orthopedics, 2013, 36, e1482-7.	0.5	15
312	Does Intraoperative Fluoroscopy Improve Component Positioning in Total Hip Arthroplasty?. Orthopedics, 2015, 38, e1-6.	0.5	16
313	Predictive Value of Robotic-Assisted Total Hip Arthroplasty. Orthopedics, 2015, 38, e31-7.	0.5	34
314	Accuracy of Component Placement in Robotic-Assisted Total Hip Arthroplasty. Orthopedics, 2016, 39, 193-199.	0.5	44

#	ARTICLE	IF	CITATIONS
315	Patient-Reported Outcomes Following Total Hip Arthroplasty Stratified by Body Mass Index. Orthopedics, 2016, 39, e572-7.	0.5	1
316	Three-Dimensional Templating for Acetabular Component Alignment During Total Hip Arthroplasty. Orthopedics, 2017, 40, e708-e713.	0.5	2
317	A Prospective, Randomized Study of Surgical Positioning Software Shows Improved Cup Placement in Total Hip Arthroplasty. Orthopedics, 2019, 42, 42-47.	0.5	12
318	Early surgical and functional outcomes comparison of the supercapsular percutaneously-assisted total hip and traditional posterior surgical techniques for total hip arthroplasty: protocol for a randomized, controlled study. Annals of Translational Medicine, 2015, 3, 335.	0.7	11
319	The Hip-Spine Challenge. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1852-1860.	1.4	22
320	The Use of Intraoperative Digital Radiography Alignment Software to Assess Implant Placement in Total Hip Arthroplasty. Current Reviews in Musculoskeletal Medicine, 2021, 14, 369-377.	1.3	3
321	Does obesity affect acetabular cup position, spinopelvic function and sagittal spinal alignment? A prospective investigation with standing and sitting assessment of primary hip arthroplasty patients. Journal of Orthopaedic Surgery and Research, 2021, 16, 640.	0.9	5
322	The in vivo location of edge-wear in hip arthroplasties. Bone and Joint Research, 2021, 10, 639-649.	1.3	1
323	Instability Following Total Hip Arthroplasty. , 2012, , 141-147.		0
324	Navigation and Hip Surgery. , 2012, , 117-130.		0
325	Hip Resurfacing. , 2013, , 311-323.e1.		0
326	Complications of Total Hip Replacement Including Dislocation of Total Hip Replacement. , 2014, , 2495-2510.		0
328	Haptic Robotics in Total Hip Arthroplasty. , 2015, , 1-15.		0
329	Clinical Management of Hip Arthroplasty. , 2015, , 1-22.		0
331	Influence of Implant Acetabular Component Orientation on Hip Stability. N N Priorov Journal of Traumatology and Orthopedics, 2017, 24, 22-31.	0.1	0
332	Influence of Implant Acetabular Component Orientation on Hip Stability. N N Priorov Journal of Traumatology and Orthopedics, 2017, , 22-31.	0.1	1
333	Influence of Surgical Approach on Pelvic Lift in Hip Arthroplasty During Cup Insertion. Orthopedics, 2017, 40, e589-e593.	0.5	1
334	Age and Early Revision After Primary Total Hip Arthroplasty for Osteoarthritis. Orthopedics, 2017, 40, e1069-e1073.	0.5	2

#	ARTICLE	IF	CITATIONS
335	Comparison of component positioning in robot-assisted and conventional total hip arthroplasty. <i>Journal of Surgery and Medicine</i> , 0, , .	0.0	0
336	Dislocations after Hip Arthroplasty (Review). <i>Travmatologĭ i Ortopediĭ Rossii</i> , 2020, 26, 180-200.	0.1	2
337	Improved accuracy and fewer outliers with a novel CT-free robotic THA system in matched-pair analysis with manual THA. <i>Journal of Robotic Surgery</i> , 2022, 16, 905-913.	1.0	17
338	Posterior pelvic tilt evolution in patients undergoing total hip arthroplasty. A minimum 5-years follow-up clinico-radiological study. <i>Revista Espa�ola De Cirug�a Ortop�dica Y Traumatolog�a</i> , 2021, 65, 401-407.	0.1	0
339	Utilization of technology-assisted total hip arthroplasty in the United States from 2005 to 2018. <i>Arthroplasty Today</i> , 2021, 12, 36-44.	0.8	14
340	The Effect of Spinopelvic Motion on Implant Positioning and Hip Stability Using the Functional Safe Zone of THR. , 2020, , 133-142.		5
341	Robotic-Arm Assisted Direct Anterior Total Hip Arthroplasty; Improving Implant Accuracy. <i>Surgical Technology International</i> , 0, , .	0.1	2
342	Trends in cup position utilizing computer-assisted navigation during total hip arthroplasty: A retrospective observational study. <i>Current Orthopaedic Practice</i> , 2020, 31, 211-217.	0.1	0
343	Improving Acetabular Component Positioning in Total Hip Arthroplasty: A Cadaveric Study of an Inertial Navigation Tool and a Novel Registration Method. <i>HSS Journal</i> , 2022, 18, 358-367.	0.7	4
344	A Specific Anteversion of Cup and Combined Anteversion for Total Hip Arthroplasty Using Lateral Approach. <i>Orthopaedic Surgery</i> , 2020, 12, 1663-1673.	0.7	5
348	Radiologic restoration inaccuracy increases postoperative dislocation in primary total hip arthroplasty: a retrospective study with propensity score matching. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 3995-4005.	1.3	4
349	Patient-specific guides in orthopedic surgery. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2022, 108, 103154.	0.9	12
350	Intraoperative Imaging in Total Hip Arthroplasty Is Cost-Effective Regardless of Surgical Approach. <i>Journal of Arthroplasty</i> , 2022, 37, S803-S806.	1.5	4
351	Does robotic-assisted computer navigation improve acetabular cup positioning in total hip arthroplasty for Crowe III/IV hip dysplasia? A propensity score case-match analysis. <i>International Orthopaedics</i> , 2022, 46, 769-777.	0.9	11
352	Evaluation of optimal implant alignment in total hip arthroplasty based on postoperative range of motion simulation. <i>Clinical Biomechanics</i> , 2022, 92, 105555.	0.5	3
353	Radiographic results on acetabular cup placement with the SuperPath technique: a retrospective study of 756 cases. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 101.	0.8	3
354	Occupational Hazards to the Joint Replacement Surgeon: How Can Technology Help Prevent Injury?. <i>Journal of Arthroplasty</i> , 2022, , .	1.5	1
355	The Use of Technology to Achieve the Functional Acetabular Safe Zone in Total Hip Arthroplasty. <i>JBJS Reviews</i> , 2022, 10, .	0.8	1

#	ARTICLE	IF	CITATIONS
356	Modern total hip arthroplasty: peak of perfection or room for improvement?. Bone and Joint Journal, 2022, 104-B, 189-192.	1.9	17
357	Comparison of Postoperative Instability and Acetabular Cup Positioning in Robotic-Assisted Versus Traditional Total Hip Arthroplasty. Journal of Arthroplasty, 2022, 37, S881-S889.	1.5	15
358	Robotic Assistance for Posterior Approach Total Hip Arthroplasty Is Associated With Lower Risk of Revision for Dislocation When Compared to Manual Techniques. Journal of Arthroplasty, 2022, 37, 1124-1129.	1.5	21
360	Computer Navigation for Revision Total Hip Arthroplasty Reduces Dislocation Rates. Indian Journal of Orthopaedics, 2022, 56, 1061-1065.	0.5	4
361	Digital Radiography During Total Hip Arthroplasty: Early Results With a Combined Anteversion Technique. Orthopedics, 2022, , 1-6.	0.5	0
362	Clinical Impact of Pelvic Malrotation on Radiograph-Based Preoperative Planning for Total Hip Arthroplasty: A Proof-of-Concept and Prudent Prediction of Acceptable Rotation. Indian Journal of Orthopaedics, 2022, 56, 1053-1060.	0.5	3
363	A Comparison of Component Positioning Between Fluoroscopy-Assisted and Robotic-Assisted Total Hip Arthroplasty. Journal of Arthroplasty, 2022, 37, 1602-1605.e3.	1.5	10
364	Squatting After Total Hip Arthroplasty: Patient-Reported Outcomes and In-Vivo Three-Dimensional Kinematic Study. Journal of Arthroplasty, 2022, 37, 734-741.	1.5	4
365	Does robotic-assisted surgery improve outcomes of total hip arthroplasty compared to manual technique? A systematic review and meta-analysis. Postgraduate Medical Journal, 2023, 99, 375-383.	0.9	6
366	Explainable Prediction of Whether The Acetabular Cup Is Placed in The "Safe Zone" from X-ray Images. , 2021, , .		1
367	Clinical and surgical outcomes of robot-assisted versus conventional total hip arthroplasty: a systematic overview of meta-analyses. EFORT Open Reviews, 2021, 6, 1157-1165.	1.8	7
368	Higher femoral anteversion restoration accuracy after total hip arthroplasty with a proximally fixed anatomic stem than with a generic straight double-tapered stem. HIP International, 2022, , 112070002210789.	0.9	1
369	Cup positioning and its effect on polyethylene wear of vitamin E- and non-vitamin E-supplemented liners in total hip arthroplasty: radiographic outcome at 5-year follow-up. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 1679-1688.	1.3	6
375	Dislocation risk after robotic arm-assisted total hip arthroplasty: a comparison of anterior, lateral and posterolateral approaches. HIP International, 2022, , 112070002210945.	0.9	3
376	Accuracy and Reliability of Software Navigation for Acetabular Component Placement in THA: An In Vitro Validation Study. Medicina (Lithuania), 2022, 58, 663.	0.8	4
377	Conformable and robust microfluidic force sensors to enable precision joint replacement surgery. Materials and Design, 2022, 219, 110747.	3.3	4
378	Smartphone Application Helps Improve the Accuracy of Cup Placement by Young, Less-Experienced Surgeons during Primary Total Hip Arthroplasty.. Archives of Bone and Joint Surgery, 2022, 10, 278-285.	0.1	1
380	Cup placement in primary total hip arthroplasty: how to get it right without navigation or robotics. EFORT Open Reviews, 2022, 7, 365-374.	1.8	6

#	ARTICLE	IF	CITATIONS
381	Total Hip Arthroplasty with Robotic Arm Assistance for Precise Cup Positioning: A Caseâ€Control Study. <i>Orthopaedic Surgery</i> , 2022, 14, 1498-1505.	0.7	13
382	Intraoperative Imaging Improves Posterolateral THA Accuracy with Increased Time Cost. <i>The Journal of Hip Surgery</i> , 0, , .	0.1	0
383	Advanced, Imageless Navigation in Contemporary THA: Optimising Acetabular Component Placement. , 0, , .		1
384	The Risk Factors of the Hip Dislocation After Total Hip Arthroplasty (Literature Review). <i>Visnyk Ortopedii Travmatologii Protezuvannia</i> , 2022, , 60-71.	0.1	0
385	Prospective randomized controlled trial on the accuracy of prosthesis positioning in total hip arthroplasty assisted by a newly designed whole-process robotic arm. <i>International Orthopaedics</i> , 2023, 47, 413-419.	0.9	3
386	Orthopedic Surgeonsâ€™ Accuracy When Orienting an Acetabular Cup. A Comparison with Untrained Individuals. <i>Medicina (Lithuania)</i> , 2022, 58, 973.	0.8	1
387	THA with Use of Patient-Specific Resurfacing Jigs and a Novel Customized Implant Design. <i>JBJS Reviews</i> , 2022, 10, .	0.8	0
388	Instability in Total Hip Arthroplasty. , 0, , .		0
389	Robotic-assisted versus manual total hip arthroplasty in obese patients: a retrospective caseâ€control study. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, .	0.9	7
390	Integrating model explanations and hybrid priors into deep stacked networks for the â€safe zoneâ€ prediction of acetabular cup. <i>Acta Radiologica</i> , 0, , 028418512211191.	0.5	0
391	The Safety and Efficacy of the Anterior Approach Total Hip Arthroplasty as per Body Mass Index. <i>Journal of Arthroplasty</i> , 2023, 38, 314-322.e1.	1.5	7
392	Implant Selection in ABMS Surgery. , 2022, , 95-103.		0
393	What Changes in Pelvic Sagittal Tilt Occur 20 Years After THA?. <i>Clinical Orthopaedics and Related Research</i> , 2023, 481, 690-699.	0.7	6
394	Cup orientation following posterior approach THA â€ the effect of different visual aids and pelvic supports. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	0.8	1
395	The length of distal skin incision of the postero-lateral approach affects the cup inclination during the total hip arthroplasty. <i>Journal of Health Sciences and Medicine</i> , 2022, 5, 1238-1245.	0.0	0
396	The efficacy of patient specific instrumentation (PSI) in total hip arthroplasty (THA): A systematic review and meta-analysis. <i>Journal of Orthopaedics</i> , 2022, 34, 404-413.	0.6	4
397	Reconstruction of Paprosky III defects with custom-made implants: do we get them in the correct position?. <i>Bone and Joint Journal</i> , 2022, 104-B, 1110-1117.	1.9	5
398	Does functional planning, 3D templating and patient-specific instrumentation improve accuracy in total hip replacement?â€ a randomized controlled trial. <i>Arthroplasty</i> , 2022, 4, .	0.9	2

#	ARTICLE	IF	CITATIONS
399	A laser guide technique: a novel method for accurate acetabular cup alignment in total hip arthroplasty. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
400	A new accelerometer-based portable navigation system provides high accuracy of acetabular cup placement in total hip arthroplasty in both the lateral decubitus and supine positions. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 4473-4480.	1.3	1
401	Functional Femoral Anteversion: Axial Rotation of the Femur and its Implications for Stem Version Targets in Total Hip Arthroplasty. <i>Arthroplasty Today</i> , 2022, 18, 16-23.	0.8	2
402	è,¥æ°€æ,£è€...ã«ãšãã,ãfŠãf“ã,²ãf¼ã,ãfšãf³ã,‘ç””ã,ãŸTHAã®ææè”Ž. <i>Orthopedics & Traumatology</i> , 2022, 71, 401-493.		0
403	Robotic-Arm-Assisted Total Hip Arthroplasty: A Review of the Workflow, Outcomes and Its Role in Addressing the Challenge of Spinopelvic Imbalance. <i>Medicina (Lithuania)</i> , 2022, 58, 1616.	0.8	7
404	Image-based robotic-assisted total hip arthroplasty through direct anterior approach allows a better orientation of the acetabular cup and a better restitution of the centre of rotation than a conventional procedure. <i>International Orthopaedics</i> , 2023, 47, 691-699.	0.9	10
405	Robotics in Total Hip Arthroplasty: Current Concepts. <i>Journal of Clinical Medicine</i> , 2022, 11, 6674.	1.0	11
406	Does acetabular robotic-assisted total hip arthroplasty with femoral navigation improve clinical outcomes at 1-year post-operative? A case-matched propensity score study comparing 98 robotic-assisted versus 98 manual implantation hip arthroplasties. <i>Orthopaedics and Traumatology: Surgery and Research</i> . 2023. 109. 103477.	0.9	2
407	Restoration of hip geometry after total hip arthroplasty: retrospective comparison of two short stems and one straight stem. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	0.8	4
408	Could Short Stems THA Be a Good Bone-Saving Option Even in Obese Patients?. <i>Journal of Clinical Medicine</i> , 2022, 11, 7114.	1.0	3
410	Combining the advantages of 3-D and 2-D templating of total hip arthroplasty using a new tin-filtered ultra-low-dose CT of the hip with comparable radiation dose to conventional radiographs. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 5345-5352.	1.3	2
411	Achieving Precise Cup Positioning in Direct Anterior Total Hip Arthroplasty: A Narrative Review. <i>Medicina (Lithuania)</i> , 2023, 59, 271.	0.8	3
412	Computer-Assisted Navigation Accurately Delivers Preoperative Targets for Acetabular Component Orientation During Direct Anterior Approach Total Hip Arthroplasty. <i>Orthopedics</i> , 0, , 1-6.	0.5	0
413	Robotic Surgery in Total Hip Replacement in Obesity. , 2022, 3, 1-6.		1
414	Medial wall reconstruction using metal disc augments in revision total hip arthroplasty. <i>International Orthopaedics</i> , 2023, 47, 1203-1212.	0.9	0
415	Functional Component Positioning in Total Hip Arthroplasty and the Role of Robotic-Arm Assistance in Addressing Spinopelvic Pathology. <i>Orthopedic Clinics of North America</i> , 2023, 54, 121-140.	0.5	5
416	Robotic arm-assisted total hip arthroplasty via a minimally invasive anterolateral approach in the supine position improves the precision of cup placement in patients with developmental dysplasia of the hip. <i>Journal of Orthopaedic Science</i> , 2024, 29, 559-565.	0.5	2
417	Individualized Management of Quality of Care in Orthopedic Nurses Based on Sensitive Indicators. <i>Computational and Mathematical Methods in Medicine</i> , 2023, 2023, 1-8.	0.7	1

#	ARTICLE	IF	CITATIONS
418	Contemporary, non-navigation, cup orientation techniques improve accuracy and eliminate differences seen between the anterior and posterior approach in THA. HIP International, 0, , 112070002311565.	0.9	0
419	Preoperative Leg Length Discrepancy >2 cm in the Supine Decubitus Position May Induce Compensatory Pelvic Obliquity in Patients during Total Hip Arthroplasty. Orthopaedic Surgery, 2023, 15, 1366-1374.	0.7	0
420	Instability in total hip arthroplasty: A literature review. , 2023, 1, 92-96.		0
426	Primäre Hüftendoprothetik – OP-Technik: Computernavigation in der Hüftendoprothetik. Springer Reference Medizin, 2023, , 1-11.	0.0	0
435	A review of robotic-assisted total hip arthroplasty. Biomedical Engineering Letters, 0, , .	2.1	0
436	Global mapping of institutional and hospital-based (Level II–IV) arthroplasty registries: a scoping review. European Journal of Orthopaedic Surgery and Traumatology, 2024, 34, 1219-1251.	0.6	0
437	Robotic Devices in Hip Orthopedic Surgery. , 2023, , 147-160.		0
449	The Past, Present and Future of Hip Arthroplasty. , 2023, , 825-840.		0
452	Les facteurs d'instabilité des prothèses totales de hanche conventionnelles. , 2018, , 23-40.		0