

Projections of Primary and Revision Hip and Knee Arth  
2005 to 2030

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Clinical Performance of Highly Cross-Linked Polyethylenes in Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2007, 89, 2779-2786.	1.4	131
2	Future Clinical and Economic Impact of Revision Total Hip and Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2007, 89, 144-151.	1.4	464
3	Computer navigation versus conventional total knee replacement. Journal of Bone and Joint Surgery: British Volume, 2007, 89-B, 1130-1130.	3.4	1
4	Randomized Study of Aprotinin Effect on Transfusions and Blood Loss in Primary THA. Clinical Orthopaedics and Related Research, 2007, 465, 189-195.	0.7	18
5	Does the Number or Quality of Pluripotent Bone Marrow Stem Cells Decrease with Age?. Clinical Orthopaedics and Related Research, 2007, 465, 202-207.	0.7	43
6	Notched stress-strain behavior of a conventional and a sequentially annealed highly crosslinked UHMWPE. Biomaterials, 2008, 29, 4575-4583.	5.7	22
8	Obesity and Inpatient Rehabilitation Outcomes Following Knee Arthroplasty: A Multicenter Study. Obesity, 2008, 16, 130-136.	1.5	57
9	The assessment of early osteoarthritis. Journal of Bone and Joint Surgery: British Volume, 2008, 90-B, 411-421.	3.4	84
10	The anatomical tibial axis. Journal of Bone and Joint Surgery: British Volume, 2008, 90-B, 1032-1038.	3.4	131
11	Hip And Knee Implants: Current Trends And Policy Considerations. Health Affairs, 2008, 27, 1587-1598.	2.5	127
12	Prevention of Venous Thromboembolism. Chest, 2008, 133, 381S-453S.	0.4	3,752
13	A Prospective Randomized Trial on the Role of Perioperative Celecoxib Administration for Total Knee Arthroplasty: Improving Clinical Outcomes: Retracted. Anesthesia and Analgesia, 2008, 106, 1258-1264.	1.1	43
14	The management of bone loss in revision total knee replacement. Journal of Bone and Joint Surgery: British Volume, 2008, 90-B, 981-987.	3.4	104
15	Return to sport after joint replacement. Journal of Bone and Joint Surgery: British Volume, 2008, 90-B, 920-923.	3.4	157
16	What's New in Adult Reconstructive Knee Surgery. Journal of Bone and Joint Surgery - Series A, 2008, 90, 2556-2565.	1.4	12
17	Athletic Activity After Total Joint Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2008, 90, 2245-2252.	1.4	176
18	Orthopaedic Surgeon Workforce and Volume Assessment for Total Hip and Knee Replacement in the United States: Preparing for an Epidemic. Journal of Bone and Joint Surgery - Series A, 2008, 90, 1598-1605.	1.4	293
19	Have Contemporary Hip Resurfacing Designs Reached Maturity? A Review. Journal of Bone and Joint Surgery - Series A, 2008, 90, 81-88.	1.4	20

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20	Impact of Hospital Volume on the Economic Value of Computer Navigation for Total Knee Replacement. Journal of Bone and Joint Surgery - Series A, 2008, 90, 1492-1500.	1.4	90
21	Patient Compliance with Clinical Follow-up After Total Joint Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2008, 90, 1848-1854.	1.4	38
22	Cementless fixation techniques in joint replacement. , 2008, , 190-211.		9
23	Total knee arthroplasty in obese patients. Current Orthopaedic Practice, 2008, 19, 170-173.	0.1	1
24	Total knee arthroplasty in obese patients. Current Opinion in Orthopaedics, 2008, 19, 68-71.	0.3	0
25	A Multicenter Examination of the Center for Medicare Services Eligibility Criteria in Total-Joint Arthroplasty. American Journal of Physical Medicine and Rehabilitation, 2008, 87, 573-584.	0.7	5
26	Operating-Room Throughput: Strategies for Improvement. Journal of Bone and Joint Surgery - Series A, 2009, 91, 2028-2039.	1.4	24
27	Specific Distribution within the <i>Enterobacter cloacae</i> Complex of Strains Isolated from Infected Orthopedic Implants. Journal of Clinical Microbiology, 2009, 47, 2489-2495.	1.8	67
28	Botulinum Toxin for Osteoarticular Pain. , 2009, , 295-307.		0
29	<i>In-vivo</i> kinematics of knee prostheses patients during level walking compared with the ISO force-controlled simulator standard. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2009, 223, 889-896.	1.0	13
30	The New Arthritic Patient and Nonarthroplasty Treatment Options. Journal of Bone and Joint Surgery - Series A, 2009, 91, 40-40.	1.4	135
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32	The Epidemiology of Revision Total Hip Arthroplasty in the United States. Journal of Bone and Joint Surgery - Series A, 2009, 91, 128-133.	1.4	1,424
33	<i>In vivo</i> response to cross-linked polyethylene and polycarbonate-urethane particles. Journal of Biomedical Materials Research - Part A, 2010, 93A, 227-234.	2.1	30
34	A multispectral three-dimensional acquisition technique for imaging near metal implants. Magnetic Resonance in Medicine, 2009, 61, 381-390.	1.9	234
35	Higher comorbidity, poor functional status and higher health care utilization in veterans with prevalent total knee arthroplasty or total hip arthroplasty. Clinical Rheumatology, 2009, 28, 1025-1033.	1.0	32
36	Age, gender, obesity, and depression are associated with patient-related pain and function outcome after revision total hip arthroplasty. Clinical Rheumatology, 2009, 28, 1419-1430.	1.0	115
37	Early Mortality after Modern Total Hip Arthroplasty. Clinical Orthopaedics and Related Research, 2009, 467, 213-218.	0.7	72

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38	Isolated Polyethylene Exchange versus Acetabular Revision for Polyethylene Wear. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 194-198.	0.7	33
39	Why Revision Total Hip Arthroplasty Fails. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 166-173.	0.7	188
40	Trends in Bilateral Total Knee Arthroplasties: 153,259 Discharges between 1990 and 2004. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 1568-1576.	0.7	48
41	Future Young Patient Demand for Primary and Revision Joint Replacement: National Projections from 2010 to 2030. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 2606-2612.	0.7	1,171
42	2009 Nicolas Andry Award: Clinical Biomechanics of Third Body Acceleration of Total Hip Wear. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 1885-1897.	0.7	26
43	Does Concomitant Low Back Pain Affect Revision Total Knee Arthroplasty Outcomes?. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 2623-2629.	0.7	21
44	Acetabular revision with freeze-dried irradiated and chemically treated allograft: a minimum 5-year follow-up of 17 cases. <i>International Orthopaedics</i> , 2009, 33, 35-39.	0.9	17
45	Trends in mortality, complications, and demographics for primary hip arthroplasty in the United States. <i>International Orthopaedics</i> , 2009, 33, 643-651.	0.9	101
46	Navigation knee replacement. <i>International Orthopaedics</i> , 2009, 33, 7-10.	0.9	30
47	High-flexion total knee arthroplasty: a systematic review. <i>International Orthopaedics</i> , 2009, 33, 887-893.	0.9	58
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50	Revision of Cemented Total Hip Arthroplasty with Cementless Components in Three Dogs. <i>Veterinary Surgery</i> , 2009, 38, 81-86.	0.5	16
51	Wear resistance of artificial hip joints with poly(2-methacryloyloxyethyl phosphorylcholine) grafted polyethylene: Comparisons with the effect of polyethylene cross-linking and ceramic femoral heads. <i>Biomaterials</i> , 2009, 30, 2995-3001.	5.7	98
52	The influence of pre-operative factors on the length of in-patient stay following primary total hip replacement for osteoarthritis. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2009, 91-B, 434-440.	3.4	58
53	Co-Cr-Mo alloy particles induce tumor necrosis factor alpha production in MLO-Y4 osteocytes: A role for osteocytes in particle-induced inflammation. <i>Bone</i> , 2009, 45, 528-533.	1.4	67
54	The Effect of Prehabilitation Exercise on Strength and Functioning After Total Knee Arthroplasty. <i>PM and R</i> , 2009, 1, 729-735.	0.9	132
55	Plasma-sprayed CaTiSiO <sub>5</sub> ceramic coating on Ti-6Al-4V with excellent bonding strength, stability and cellular bioactivity. <i>Journal of the Royal Society Interface</i> , 2009, 6, 159-168.	1.5	71

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56	Imaging of Total Joint Replacement. , 2009, , 560-597.		1
57	<i>In vitro</i> macrophage response to polyethylene and polycarbonateâ€urethane particles. Journal of Biomedical Materials Research - Part A, 2010, 93A, 347-355.	2.1	32
58	Salvage of infected tumor prostheses. Current Orthopaedic Practice, 2009, 20, 598-604.	0.1	4
59	Changes in Functional Status Among Persons Over Age Sixty-Five Undergoing Total Knee Arthroplasty. Medical Care, 2009, 47, 742-748.	1.1	15
60	Principles of Revision Total Knee Arthroplasty. Techniques in Knee Surgery, 2009, 8, 144-153.	0.1	4
61	How Much Constraint is Required in Complex Revision Total Knee Arthroplasty. Techniques in Knee Surgery, 2009, 8, 166-173.	0.1	0
62	Assessment of Outcomes after hip Arthroplasty. HIP International, 2009, 19, 1-7.	0.9	19
63	The use of tranexamic acid in revision total hip arthroplasty: a pilot study. Current Orthopaedic Practice, 2009, 20, 152-156.	0.1	9
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65	A rapid recovery program after total hip arthroplasty. Current Orthopaedic Practice, 2010, 21, 381-384.	0.1	8
66	The Impact of Contact Angle on the Biocompatibility of Biomaterials. Optometry and Vision Science, 2010, 87, 387-399.	0.6	410
67	The Association Between Lower Extremity Continuous Peripheral Nerve Blocks and Patient Falls After Knee and Hip Arthroplasty. Anesthesia and Analgesia, 2010, 111, 1552-1554.	1.1	331
68	Review Article: Thromboprophylaxis after Total Hip Replacement. Journal of Orthopaedic Surgery, 2010, 18, 92-97.	0.4	10
69	Retrograde Genocephalic Removal of Fractured or Immovable Femoral Stems in Revision Hip Surgery. HIP International, 2010, 20, 34-37.	0.9	7
70	Immediate recovery room radiographs after primary total knee arthroplastyâ€”why do we keep doing them?. International Orthopaedics, 2010, 34, 1167-1173.	0.9	10
71	Rivaroxaban and dabigatran etexilate: two new oral anticoagulants for extended postoperative prevention of venous thromboembolism after elective total hip arthroplasty. Archives of Orthopaedic and Trauma Surgery, 2010, 130, 583-589.	1.3	17
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73	Accuracy of VA databases for diagnoses of knee replacement and hip replacement. Osteoarthritis and Cartilage, 2010, 18, 1639-1642.	0.6	59

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74	Bone remodeling in a new biomimetic polymer–composite hip stem. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 164-174.	2.1	33
75	Profile of toll–like receptor–positive cells in septic and aseptic loosening of total hip arthroplasty implants. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 84-92.	2.1	38
76	Retrieval analysis and <i>in vitro</i> assessment of strength, durability, and distraction of a modular total hip replacement. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 819-827.	2.1	13
77	Surgical approach for a new knee prosthesis concept (TSTP) retaining both cruciate ligaments. <i>Clinical Anatomy</i> , 2010, 23, 985-991.	1.5	5
78	Magnetic resonance imaging near metal implants. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 773-787.	1.9	143
79	Toll–like receptors and aseptic loosening of hip endoprosthesis—a potential to respond against danger signals?. <i>Journal of Orthopaedic Research</i> , 2010, 28, 184-190.	1.2	49
80	Promotion of bone formation by naringin in a titanium particle-induced diabetic murine calvarial osteolysis model. <i>Journal of Orthopaedic Research</i> , 2010, 28, 451-456.	1.2	33
81	Thresholds for indirect DNA damage across cellular barriers for orthopaedic biomaterials. <i>Biomaterials</i> , 2010, 31, 4477-4483.	5.7	52
82	Stem Cells and Cartilage Development: Complexities of a Simple Tissue. <i>Stem Cells</i> , 2010, 28, 1992-1996.	1.4	111
83	Injury Patterns among Special Populations Involved in Pedestrian Crashes. , 2010, , .		0
84	A Mouse Model of Post-Arthroplasty <i>Staphylococcus aureus</i> Joint Infection to Evaluate <i>In Vivo</i> the Efficacy of Antimicrobial Implant Coatings. <i>PLoS ONE</i> , 2010, 5, e12580.	1.1	181
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88	Complications for Racial and Ethnic Minority Groups After Total Hip and Knee Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 338-345.	1.4	73
89	A Prospective Study of 80,000 Total Joint and 5000 Anterior Cruciate Ligament Reconstruction Procedures in a Community-Based Registry in the United States. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 117-132.	1.4	129
90	Preventing Infection in Total Joint Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 36-46.	1.4	136
91	Long-term survival of concurrent meniscus allograft transplantation and repair of the articular cartilage. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2010, 92-B, 941-948.	3.4	98

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92	Temporal trends in hip and knee replacement in the United Kingdom. Journal of Bone and Joint Surgery: British Volume, 2010, 92-B, 130-135.	3.4	151
93	The Effect of Stem Structure on Stress Distribution of a Custom-Made Hip Prosthesis. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2010, 224, 1275-1284.	1.0	5
94	Comparison of Surgical Outcomes of Intra-Articular Calcaneal Fractures by Age. Journal of Bone and Joint Surgery - Series A, 2010, 92, 2884-2889.	1.4	50
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100	Comparison of Self-Reported Knee Injury and Osteoarthritis Outcome Score to Performance Measures in Patients After Total Knee Arthroplasty. PM and R, 2011, 3, 541-549.	0.9	140
101	Treatment Options in Knee Osteoarthritis: Total Knee Arthroplasty Versus Platelet-Rich Plasma. PM and R, 2011, 3, 377-386.	0.9	12
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103	A Comparison of Discharge Functional Status After Rehabilitation in Skilled Nursing, Home Health, and Medical Rehabilitation Settings for Patients After Lower-Extremity Joint Replacement Surgery. Archives of Physical Medicine and Rehabilitation, 2011, 92, 712-720.	0.5	88
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105	The Role of Registry Data in the Evaluation of Mobile-Bearing Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2011, 93, 48-50.	1.4	15
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114	Registries Revolutionize Care and Outcomes. <i>Biomedical Instrumentation and Technology</i> , 2011, 45, 126-129.	0.2	0
115	The Seven-Year Wear of Highly Cross-Linked Polyethylene in Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 716-722.	1.4	154
116	The International Consortium of Orthopaedic Registries: Overview and Summary. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1-12.	1.4	64
117	RSA and Registries: The Quest for Phased Introduction of New Implants. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 62-65.	1.4	122
119	Persistent pain after joint replacement: Prevalence, sensory qualities, and postoperative determinants. <i>Pain</i> , 2011, 152, 566-572.	2.0	512
120	Bone Socket Deficiency: Allografts and Augments. <i>Seminars in Arthroplasty</i> , 2011, 22, 117-120.	0.3	0
124	A laboratory-level surgical robot system for minimal invasive surgery (MIS) total knee arthroplasty. <i>International Journal of Precision Engineering and Manufacturing</i> , 2011, 12, 237-242.	1.1	7
125	Functional and Emotional Results Differ after Aseptic vs Septic Revision Hip Arthroplasty. <i>HSS Journal</i> , 2011, 7, 235-238.	0.7	25
126	Robotic testing of proximal tibiofibular joint kinematics for measuring instability following total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2011, 29, 47-52.	1.2	15
127	Sonication cultures of explanted components as an add-on test to routinely conducted microbiological diagnostics improve pathogen detection. <i>Journal of Orthopaedic Research</i> , 2011, 29, 617-622.	1.2	126
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129	The association between hip morphology parameters and nineteen-year risk of end-stage osteoarthritis of the hip: A nested case-control study. <i>Arthritis and Rheumatism</i> , 2011, 63, 3392-3400.	6.7	226
130	Time course and extent of functional recovery during the first postoperative year after minimally invasive total hip arthroplasty with two different surgical approaches—a randomized controlled trial. <i>Journal of Biomechanics</i> , 2011, 44, 372-378.	0.9	57
131	The Progression of Regional Anesthesia into Acute and Perioperative Pain Medicine. <i>International Anesthesiology Clinics</i> , 2011, 49, 104-109.	0.3	53
132	Comparative Survival of Uncemented Acetabular Components Following Primary Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1597-1604.	1.4	81



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133	Effect of MWCNT on Mechanical Properties of $\hat{I}^3$ -Irradiated UHMWPE during Shelf Ageing Process. <i>Advanced Materials Research</i> , 2011, 410, 160-163.	0.3	5
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135	Biomechanical Comparison of 2 Different Locking Plate Fixation Methods in Vancouver B1 Periprosthetic Femur Fractures. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2011, 2, 51-55.	0.6	16
136	Femoral Fixation in Revision Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 2310-2322.	1.4	24
137	Commissioning of a displacement-controlled knee wear simulator and exploration of some issues related to the lubricant. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2011, 225, 736-752.	1.0	28
138	Comparison of Patient-Reported and Clinician-Assessed Outcomes Following Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, e117.	1.4	44
139	Tribocorrosion in artificial joints: in vitro testing and clinical implications. , 2011, , 368-400.		3
140	Physical Activity Behavior of Patients 1 Year After Primary Total Hip Arthroplasty: A Prospective Multicenter Cohort Study. <i>Physical Therapy</i> , 2011, 91, 373-380.	1.1	27
141	Perioperative Hyperglycemia and Postoperative Infection after Lower Limb Arthroplasty. <i>Journal of Diabetes Science and Technology</i> , 2011, 5, 412-418.	1.3	208
142	Successful management of recalcitrant infection related to total hip replacement using pedicled rectus femoris or vastus lateralis muscle flaps. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2011, 93-B, 751-754.	3.4	14
143	Management of Acetabular Bone Loss in Revision Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1842-1852.	1.4	60
144	Demonstration of <i>Bacillus cereus</i> in Orthopaedic-Implant-Related Infection with Use of a Multi-Primer Polymerase Chain Reaction-Mass Spectrometric Assay. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, e85.	1.4	18
145	Cemented All-Polyethylene and Metal-Backed Polyethylene Tibial Components Used for Primary Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1790-1798.	1.4	47
146	Venous Thromboembolism in Patients Having Knee Replacement and Receiving Thromboprophylaxis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1281-1287.	1.4	53
147	The Effect of Isotonic Saline on the Strength of Bone Cement during the Polymerisation Period. <i>HIP International</i> , 2011, 21, 238-242.	0.9	2
148	Sclerostin Antibody Increases Bone Volume and Enhances Implant Fixation in a Rat Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 1670-1680.	1.4	53
149	The Burch-Schneider Cage: 9-Year Survival in Paprosky Type 3 Acetabular Defects. <i>Clinical and Radiological Follow-Up</i> . <i>HIP International</i> , 2012, 22, 28-34.	0.9	34
150	Indications for Early Hip Revision Surgery in the Uk - A Re-Analysis of Njr Data. <i>HIP International</i> , 2012, 22, 145-152.	0.9	21

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151	Clinical and Economic Burden of Revision Knee Arthroplasty. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2012, 5, CMAMD.S10859.	0.3	156
152	Risk Factors for Ceramic Liner Fracture after Total Hip Arthroplasty. <i>HIP International</i> , 2012, 22, 607-614.	0.9	52
153	Long-Term Patient-Reported Outcomes after Total Hip Replacement: Comparison to the General Population. <i>HIP International</i> , 2012, 22, 160-165.	0.9	16
154	Compliance with Surgical Care Improvement Project Measures and Hospital-Associated Infections Following Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 1359-1366.	1.4	29
155	Obesity and symptomatic osteoarthritis of the knee. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2012, 94-B, 433-440.	3.4	57
156	Introducing Decision Aids At Group Health Was Linked To Sharply Lower Hip And Knee Surgery Rates And Costs. <i>Health Affairs</i> , 2012, 31, 2094-2104.	2.5	214
157	Diagnosis of Periprosthetic Joint Infections. <i>HIP International</i> , 2012, 22, 9-14.	0.9	18
158	The Effect of Femoral Stem Length on Duration of Hospital Stay. <i>HIP International</i> , 2012, 22, 56-61.	0.9	12
159	Proteins regulating cap-dependent translation are downregulated during total knee arthroplasty. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R702-R711.	0.9	20
160	Influence of Surgical Approach on Postoperative Femoral Bone Remodelling after Cementless Total Hip Arthroplasty. <i>HIP International</i> , 2012, 22, 545-554.	0.9	9
161	Infrared Fiber Optic Probe Evaluation of Degenerative Cartilage Correlates to Histological Grading. <i>American Journal of Sports Medicine</i> , 2012, 40, 2853-2861.	1.9	36
162	The Diagnostic Protocol for Evaluation of Periprosthetic Joint Infection. <i>HIP International</i> , 2012, 22, 25-35.	0.9	7
163	The influence of obesity on total joint arthroplasty. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2012, 94-B, 100-102.	3.4	68
164	Management and Prevention of Recurrent <i>Clostridium Difficile</i> Infection in Patients After Total Joint Arthroplasty. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2012, 3, 157-163.	0.6	5
165	Toward Outpatient Arthroplasty. <i>International Anesthesiology Clinics</i> , 2012, 50, 111-125.	0.3	14
166	Assessment of Knee Implant Alignment Using Coordinate Measurement on Three-Dimensional Computed Tomography Reconstructions. <i>Surgical Innovation</i> , 2012, 19, 375-384.	0.4	10
167	Diagnosis and management of prosthetic joint infection. <i>Current Opinion in Infectious Diseases</i> , 2012, 25, 670-676.	1.3	41
168	Treatment of Severe Flexion Deficits Following Total Knee Arthroplasty. <i>Orthopaedic Nursing</i> , 2012, 31, 29-34.	0.2	8

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1226	The value of 99mTc-MDP bone SPECT/CT in evaluation of patients with painful knee prosthesis. <i>Nuclear Medicine Communications</i> , 2018, 39, 397-404.	0.5	19
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1247	Hybrid Blocks for Total Knee Arthroplasty: A Technical Description. <i>Clinical Journal of Pain</i> , 2018, 34, 222-230.	0.8	7
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1258	Can an arthroplasty risk score predict bundled care events after total joint arthroplasty?. <i>Arthroplasty Today</i> , 2018, 4, 103-106.	0.8	17
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1262	Outpatient Total Knee Arthroplasty. <i>Orthopedic Clinics of North America</i> , 2018, 49, 1-6.	0.5	22
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1265	Readmission, Reoperation, and Complications: Total Hip vs Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 655-660.	1.5	42
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1416	Projections of hip arthroplasty in OECD countries up to 2050. <i>HIP International</i> , 2018, 28, 498-506.	0.9	96
1417	The Use of Adjunct Psychosocial Interventions Can Decrease Postoperative Pain and Improve the Quality of Clinical Care in Orthopedic Surgery: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Pain</i> , 2018, 19, 1231-1252.	0.7	46
1418	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
1419	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
1420	Risk Factors for Subsidence of Modular Fluted Tapered Stems Used During Revision Total Hip Arthroplasty for Periprosthetic Hip Fractures. <i>Journal of Arthroplasty</i> , 2018, 33, 2967-2970.	1.5	29
1421	The influence of pre- and perioperative administration of gabapentin on pain 3-4 years after total knee arthroplasty. <i>Scandinavian Journal of Pain</i> , 2018, 18, 237-245.	0.5	9
1422	Metaphyseal sleeves in total knee arthroplasty revision: complications, clinical and radiological results. A systematic review of the literature. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 993-1001.	1.3	33
1423	Diabetes and Hyperglycemia in Lower-Extremity Total Joint Arthroplasty. <i>JBJS Reviews</i> , 2018, 6, e10-e10.	0.8	17
1424	Total Femoral Replacement as a Salvage Operation for the Treatment of Massive Femoral Bone Loss During Revision Total Hip Arthroplasty. <i>JBJS Reviews</i> , 2018, 6, e9-e9.	0.8	12
1425	Does Surgeon Volume Affect Outcomes Following Primary Total Hip Arthroplasty? A Systematic Review. <i>Journal of Arthroplasty</i> , 2018, 33, 3329-3342.	1.5	55
1426	CORR Insights®: Long-term Mortality After Revision THA. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 427-428.	0.7	0
1427	Refractory Knee Osteoarthritis: Adipose-Derived Stromal Cells Versus Bone Marrow Aspiration Concentrate. <i>PM and R</i> , 2018, 10, 524-532.	0.9	6
1428	What are the incidence and risk factors of in-hospital mortality after venous thromboembolism events in total hip and knee arthroplasty patients?. <i>Arthroplasty Today</i> , 2018, 4, 343-347.	0.8	48
1429	Acute Kidney Injury Following Failed Total Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 3297-3303.	1.5	12
1430	Multifaceted aseptic protocol decreases surgical site infections following hip arthroplasty. <i>HIP International</i> , 2018, 28, 182-188.	0.9	5
1431	Patient Satisfaction After Total Knee Replacement: A Systematic Review. <i>HSS Journal</i> , 2018, 14, 192-201.	0.7	269
1433	Geographic Variability in Discharge Setting and Outpatient Postacute Physical Therapy After Total Knee Arthroplasty: A Retrospective Cohort Study. <i>Physical Therapy</i> , 2018, 98, 855-864.	1.1	20
1434	Two-Stage Revision Arthroplasty for the Treatment of Prosthetic Joint Infection. <i>Current Reviews in Musculoskeletal Medicine</i> , 2018, 11, 332-340.	1.3	81

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1435	Arthritis and Joint Replacement. , 2018, , 81-109.		0
1436	In-vivo analysis of sliding distance and cross-shear in Bi-cruciate retaining total knee arthroplasty. Journal of Biomechanics, 2018, 77, 8-15.	0.9	9
1437	Prior staphylococcal bacteremia and risk of surgical site infection after total joint arthroplasty: a nested case-control study. Current Orthopaedic Practice, 2018, 29, 25-30.	0.1	0
1438	Implants induce a new niche for microbiomes. Apmis, 2018, 126, 685-692.	0.9	28
1439	Two and a half years on: data and experiences establishing a "Virtual Clinic"™ for joint replacement follow up. ANZ Journal of Surgery, 2018, 88, 707-712.	0.3	11
1440	Additive manufacturing of titanium and titanium alloys for biomedical applications. , 2018, , 325-343.		14
1441	Length of stay and inpatient mortality trends in primary and revision total joint arthroplasty in the United States, 2000"2014. Journal of Orthopaedics, 2018, 15, 645-649.	0.6	17
1442	Viscosupplementation for Osteoarthritis of the Knee: A Key Opinion Leader Panel Discussion. Journal of Managed Care & Specialty Pharmacy, 2018, 24, S2-S8.	0.5	6
1444	Current Trends in Patient-Reported Outcome Measures in Total Joint Arthroplasty: A Study of 4 Major Orthopaedic Journals. Journal of Arthroplasty, 2018, 33, 3416-3421.	1.5	97
1445	Alpha-defensin and the Synovasure lateral flow device for the diagnosis of prosthetic joint infection. Bone and Joint Journal, 2018, 100-B, 703-711.	1.9	58
1446	Total hip arthroplasty. EFORT Open Reviews, 2018, 3, 232-239.	1.8	101
1447	A Review on Ionic Substitutions in Hydroxyapatite Thin Films: Towards Complete Biomimetism. Coatings, 2018, 8, 269.	1.2	92
1448	Current concepts for aligning knee implants: patient-specific or systematic?. EFORT Open Reviews, 2018, 3, 1-6.	1.8	51
1449	Predictive Factors for Developing Chronic Pain After Total Knee Arthroplasty. Journal of Arthroplasty, 2018, 33, 3372-3378.	1.5	60
1450	Simplified Chinese version of hip and knee replacement expectations surveys in patients with osteoarthritis and ankylosing spondylitis: cross-cultural adaptation, validation and reliability. BMC Musculoskeletal Disorders, 2018, 19, 247.	0.8	7
1451	Metallic biomaterials. , 2018, , 1-33.		24
1452	Home-based Rehabilitation With A Novel Digital Biofeedback System versus Conventional In-person Rehabilitation after Total Knee Replacement: a feasibility study. Scientific Reports, 2018, 8, 11299.	1.6	78
1453	Proximal tibiofibular osteoarthritis presenting as pain after total knee arthroplasty treated successfully with fusion of the proximal tibial-fibular joint. Arthroplasty Today, 2018, 4, 139-142.	0.8	5



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1454	Outpatient Total Hip Arthroplasty Has Minimal Short-Term Complications With the Use of Institutional Protocols. <i>Journal of Arthroplasty</i> , 2018, 33, 3502-3507.	1.5	71
1455	Antibiotic Prophylaxis and DAIR Treatment in Primary Total Hip and Knee Arthroplasty, A National Survey in The Netherlands. <i>Journal of Bone and Joint Infection</i> , 2018, 3, 5-9.	0.6	11
1456	Sustained-release application of PCEC hydrogel on laser-textured surface lubrication. <i>Materials Research Express</i> , 2018, 5, 065315.	0.8	7
1457	The effectiveness of inpatient rehabilitation after uncomplicated total hip arthroplasty: a propensity score matched cohort. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 236.	0.8	13
1458	The effect of a fibrin sealant on knee function after total knee replacement surgery. Results from the FIRST trial. A multicenter randomized controlled trial. <i>PLoS ONE</i> , 2018, 13, e0200804.	1.1	8
1459	Early death following revision total hip arthroplasty. <i>HIP International</i> , 2018, 28, 400-406.	0.9	9
1460	The influence of obesity on functional outcome and quality of life after total knee arthroplasty. <i>Bone and Joint Journal</i> , 2018, 100-B, 579-583.	1.9	42
1461	CT pulmonary angiography in lower limb arthroplasty. <i>Bone and Joint Journal</i> , 2018, 100-B, 938-944.	1.9	4
1462	Are adverse outcome rates higher in multiple sclerosis patients after total hip arthroplasty?. <i>Bone and Joint Journal</i> , 2018, 100-B, 875-881.	1.9	6
1463	Development of the KOOSglobal Platform to Measure Patient-Reported Outcomes After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2018, 46, 2915-2921.	1.9	21
1464	Cross-Linked Polyethylene for Total Hip Arthroplasty Markedly Reduces Revision Surgery at 16 Years. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1281-1288.	1.4	79
1465	Local infiltration anesthesia versus epidural analgesia for postoperative pain control in total knee arthroplasty: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 112.	0.9	32
1466	Midterm results of the cylindrical fully porous-coated uncemented femoral stem in revision patients with Paprosky I-III femoral defects. <i>Journal of Orthopaedic Surgery</i> , 2018, 26, 230949901878390.	0.4	9
1467	Systematic review of risk prediction scores for venous thromboembolism following joint replacement. <i>Thrombosis Research</i> , 2018, 168, 148-155.	0.8	12
1468	Cefazolin Prophylaxis for Total Joint Arthroplasty: Obese Patients Are Frequently Underdosed and at Increased Risk of Periprosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2018, 33, 3551-3554.	1.5	31
1469	Patellar Resurfacing in Total Knee Arthroplasty: A Cost-Effectiveness Analysis. <i>Journal of Arthroplasty</i> , 2018, 33, 3412-3415.	1.5	29
1470	Modulation of Osteoclast Interactions with Orthopaedic Biomaterials. <i>Journal of Functional Biomaterials</i> , 2018, 9, 18.	1.8	28
1471	Recent Evidence on Bioactive Glass Antimicrobial and Antibiofilm Activity: A Mini-Review. <i>Materials</i> , 2018, 11, 326.	1.3	139

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1472	Validation of a Novel Surgical Data Capturing System Following Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 3479-3483.	1.5	30
1473	Acetabular cup orientation and postoperative leg length discrepancy in patients undergoing elective total hip arthroplasty via a direct anterior and anterolateral approaches. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 188.	0.8	15
1474	Periprosthetic Infection: Revision Arthroplasty. , 2018, , 563-587.		0
1475	The Role of One-Stage Exchange for Prosthetic Joint Infection. <i>Current Reviews in Musculoskeletal Medicine</i> , 2018, 11, 370-379.	1.3	55
1476	Recent advances and challenges of abrasive jet machining. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2018, 22, 1-20.	2.3	100
1477	A novel use of a tibial cone in a proximal femoral replacement. <i>Arthroplasty Today</i> , 2018, 4, 175-179.	0.8	3
1478	Manufacturing, oxidation, mechanical properties and clinical performance of highly cross-linked polyethylene in total hip arthroplasty. <i>HIP International</i> , 2018, 28, 573-583.	0.9	23
1479	Enhancing adhesion strength of a-C:H:Cu composite coatings on Ti6Al4V by graded copper deposition in a rf-PVD/PECVD hybrid process. <i>Surface and Coatings Technology</i> , 2018, 350, 659-671.	2.2	13
1480	Patient Outcomes After Total Knee Arthroplasty in Patients Older Than 80 Years. <i>Journal of Arthroplasty</i> , 2018, 33, 3465-3473.	1.5	17
1481	Surgical site infection incidence and risk factors in knee arthroplasty: A 9-year prospective cohort study at a university teaching hospital in Spain. <i>American Journal of Infection Control</i> , 2018, 46, 1335-1340.	1.1	13
1482	Functional Outcomes and Accuracy of Patient-Specific Instruments for Total Knee Arthroplasty. <i>Surgical Innovation</i> , 2018, 25, 470-475.	0.4	12
1483	Comparison of Mechanical Properties and Microstructure of Annealed and Quenched Ti-Nb Alloys. <i>Key Engineering Materials</i> , 2018, 769, 29-34.	0.4	7
1484	Medium-term outcomes of the S-ROM modular femoral stem in revision hip replacement. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 1327-1334.	0.6	10
1485	Evaluation of Saponin Loaded Gellan Gum Hydrogel Scaffold for Cartilage Regeneration. <i>Macromolecular Research</i> , 2018, 26, 724-729.	1.0	13
1486	A prospective randomised comparison of 2 skin closure techniques in primary total hip arthroplasty surgery. <i>HIP International</i> , 2018, 28, 101-105.	0.9	16
1487	Multi-parametric muscle and fat correlation of computed tomography parameters to outcomes in a total hip arthroplasty population. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 4.	0.8	4
1488	Comparison of outcome measures and complication rates following three different approaches for primary total hip arthroplasty: a pragmatic randomised controlled trial. <i>Trials</i> , 2018, 19, 13.	0.7	25
1489	Medicaid or Medicare insurance payer status and household income are associated with outcomes after primary total hip arthroplasty. <i>Clinical Rheumatology</i> , 2018, 37, 2489-2496.	1.0	26

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1491	Perioperative medical management for patients with RA, SPA, and SLE undergoing total hip and total knee replacement: a narrative review. <i>BMC Rheumatology</i> , 2018, 2, 2.	0.6	20
1492	Significant improvement in cell adhesion and wear resistance of biomedical $\hat{I}^2$ -type titanium alloy through ultrasonic nanocrystal surface modification. <i>Journal of Alloys and Compounds</i> , 2018, 762, 941-949.	2.8	54
1493	Metformin suppresses UHMWPE particle-induced osteolysis in the mouse calvaria by promoting polarization of macrophages to an anti-inflammatory phenotype. <i>Molecular Medicine</i> , 2018, 24, 20.	1.9	30
1494	Evaluation of projection- and dual-energy-based methods for metal artifact reduction in $\langle \text{sc} \rangle \text{CT} \langle / \text{sc} \rangle$ using a phantom study. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 252-260.	0.8	27
1495	Low molecular weight heparin for the prevention of deep venous thrombosis after total knee arthroplasty: A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2018, 54, 265-275.	1.1	10
1496	Third-generation pure alumina and alumina matrix composites in total hip arthroplasty. <i>EFORT Open Reviews</i> , 2018, 3, 7-14.	1.8	24
1497	Representing the effect of variation in soft tissue constraints in experimental simulation of total knee replacements. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 87, 87-94.	1.5	11
1498	Polyethylene particles inserted over calvarium induce cancellous bone loss in femur in female mice. <i>Bone Reports</i> , 2018, 9, 84-92.	0.2	5
1499	Selected highlights from clinical anesthesia and pain management. <i>Journal of Clinical Anesthesia</i> , 2018, 51, 108-117.	0.7	6
1500	Patient Perspectives of Midlevel Providers in Orthopaedic Sports Medicine. <i>Orthopaedic Journal of Sports Medicine</i> , 2018, 6, 232596711876687.	0.8	9
1501	Do illness rating systems predict discharge location, length of stay, and cost after total hip arthroplasty?. <i>Arthroplasty Today</i> , 2018, 4, 210-215.	0.8	8
1502	Neutral mechanical alignment: Stickinâ€™™ with the one that brung yaâ€™™Opposes. <i>Seminars in Arthroplasty</i> , 2018, 29, 46-49.	0.3	0
1503	Cementless total knee arthroplasty: Patient selection and surgical techniques to optimize outcomes. <i>Seminars in Arthroplasty</i> , 2018, 29, 50-54.	0.3	4
1504	Cost-Effectiveness of Total Hip Arthroplasty Versus Nonoperative Management in Normal, Overweight, Obese, Severely Obese, Morbidly Obese, and Super Obese Patients: A Markov Model. <i>Journal of Arthroplasty</i> , 2018, 33, 3629-3636.	1.5	25
1505	Intraoperative bone defect measurement in the acetabulum using a navigation system: The influence of bone porosity on the digitalization process. <i>Medical Engineering and Physics</i> , 2018, 59, 75-80.	0.8	2
1506	Risk Factors Associated With Health Care Utilization and Costs of Patients Undergoing Lower Extremity Joint Replacement. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , 2018, 2, 248-256.	1.2	10
1507	Decline in allogeneic blood transfusion usage in total hip arthroplasty patients: National Inpatient Sample 2009 to 2013. <i>HIP International</i> , 2018, 28, 382-390.	0.9	8
1508	The effect of triclosan-coated sutures on the rate of surgical site infection after hip and knee arthroplasty: a double-blind randomized controlled trial of 2546 patients. <i>Bone and Joint Journal</i> , 2018, 100-B, 296-302.	1.9	39

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1509	Long-term results of revision total hip arthroplasty with a cemented femoral component. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 1609-1616.	1.3	25
1510	The efficacy and safety of methylprednisolone for pain control after total knee arthroplasty: A meta-analysis of randomized controlled trials. International Journal of Surgery, 2018, 57, 91-100.	1.1	12
1511	Efficacy of antifungal-impregnated cement spacer against chronic fungal periprosthetic joint infections after total knee arthroplasty. Knee, 2018, 25, 631-637.	0.8	23
1512	Evaluation of hemodynamic goal-directed therapy to reduce the incidence of bone cement implantation syndrome in patients undergoing cemented hip arthroplasty – a randomized parallel-arm trial. BMC Anesthesiology, 2018, 18, 63.	0.7	5
1513	Day-case surgery for total hip and knee replacement. EFORT Open Reviews, 2018, 3, 130-135.	1.8	37
1514	Incidence of total knee replacement subsequent to intra-articular injection of the anti-inflammatory compound LMWF-5A versus saline: a long-term follow-up study to a randomized controlled trial. Patient Safety in Surgery, 2018, 12, 14.	1.1	7
1515	3D laser scanning in conjunction with surface texturing to evaluate shift and reduction of the tibiofemoral contact area after meniscectomy. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 88, 41-47.	1.5	9
1516	Hip Implant Design With Three-Dimensional Porous Architecture of Optimized Graded Density. Journal of Mechanical Design, Transactions of the ASME, 2018, 140, .	1.7	121
1517	Biomaterials in Total Joint Arthroplasty. , 2018, , 175-198.		2
1518	Qualitative Alpha-defensin Versus The Main Available Tests For The Diagnosis Of Periprosthetic Joint Infection: Best Predictor Test?. Journal of Bone and Joint Infection, 2018, 3, 156-164.	0.6	23
1519	Application of tranexamic acid and diluted epinephrine in primary total hip arthroplasty. Blood Coagulation and Fibrinolysis, 2018, 29, 451-457.	0.5	5
1520	Are We Winning or Losing the Battle With Periprosthetic Joint Infection: Trends in Periprosthetic Joint Infection and Mortality Risk for the Medicare Population. Journal of Arthroplasty, 2018, 33, 3238-3245.	1.5	249
1521	Gait Abnormality Predicts Falls in Women After Total Hip Arthroplasty. Journal of Arthroplasty, 2018, 33, 3215-3219.	1.5	17
1522	Perioperative and Modifiable Risk Factors for Periprosthetic Joint Infections (PJI) and Recommended Guidelines. Current Reviews in Musculoskeletal Medicine, 2018, 11, 325-331.	1.3	85
1523	Surgical training does not affect operative time and outcome in total knee arthroplasty. PLoS ONE, 2018, 13, e0197850.	1.1	25
1524	The ‘Bundle Busters’: Incidence and Costs of Postacute Complications Following Total Joint Arthroplasty. Journal of Arthroplasty, 2018, 33, 2734-2739.	1.5	70
1526	CORR Insights®: Is Cemented or Cementless Femoral Stem Fixation More Durable in Patients Older Than 75 Years of Age? A Comparison of the Best-performing Stems. Clinical Orthopaedics and Related Research, 2018, 476, 1438-1440.	0.7	1
1527	Discovery of biomarkers to identify peri-implant osteolysis before radiographic diagnosis. Journal of Orthopaedic Research, 2018, 36, 2754-2761.	1.2	13

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1528	Reconstructed the bone stock after femoral bone loss in Vancouver B3 periprosthetic femoral fractures using cortical strut allograft and impacted cancellous allograft. <i>International Orthopaedics</i> , 2018, 42, 2787-2795.	0.9	17
1529	Postoperative continuous adductor canal block for total knee arthroplasty improves pain and functional recovery: A randomized controlled clinical trial. <i>Journal of Clinical Anesthesia</i> , 2018, 49, 46-52.	0.7	21
1530	Metal hypersensitivity in patients with orthopaedic implant complications—A retrospective clinical study. <i>Contact Dermatitis</i> , 2018, 79, 91-98.	0.8	29
1531	Cost-Utility Analyses in US Orthopaedic Foot and Ankle Surgery: A Systematic Review. <i>Foot and Ankle Specialist</i> , 2018, 11, 548-552.	0.5	3
1532	CORR Insights®: Intraocular Pressure Increases After Intraarticular Knee Injection With Triamcinolone but Not Hyaluronic Acid. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 1426-1427.	0.7	0
1533	Preoperative Patient Profile in Total Hip and Knee Arthroplasty: Predictive of Increased Medicare Payments in a Bundled Payment Model. <i>Journal of Arthroplasty</i> , 2018, 33, 2728-2733.e3.	1.5	46
1534	Methicillin sensitive staphylococcus aureus screening and decolonisation in elective hip and knee arthroplasty. <i>Journal of Infection</i> , 2018, 77, 405-409.	1.7	24
1535	Preoperative Neuropathic Pain-like Symptoms and Central Pain Mechanisms in Knee Osteoarthritis Predicts Poor Outcome 6 Months After Total Knee Replacement Surgery. <i>Journal of Pain</i> , 2018, 19, 1329-1341.	0.7	96
1536	A microbiological assessment of sterile surgical helmet systems using particle counts and culture plates: recommendations for safe use whilst scrubbing. <i>Journal of Hospital Infection</i> , 2019, 101, 354-360.	1.4	8
1537	Vascular injury during primary total knee arthroplasty: A nationwide study. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 305-310.	0.8	7
1538	2018 Frank Stinchfield Award: Spinopelvic Hypermobility Is Associated With an Inferior Outcome After THA: Examining the Effect of Spinal Arthrodesis. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 310-321.	0.7	61
1539	Baseline knee joint effusion and medial femoral bone marrow edema, in addition to MRI-based T2 relaxation time and texture measurements of knee cartilage, can help predict incident total knee arthroplasty 4–7 years later: data from the Osteoarthritis Initiative. <i>Skeletal Radiology</i> , 2019, 48, 89-101.	1.2	18
1540	Clinical outcome and quality of life of patients with periprosthetic distal femur fractures and retained total knee arthroplasty treated with polyaxial locking plates: a single-center experience. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 189-196.	0.6	19
1541	Relationship of weight and obesity with the risk of knee and hip arthroplasty for osteoarthritis across different levels of physical performance: a prospective cohort study. <i>Scandinavian Journal of Rheumatology</i> , 2019, 48, 64-71.	0.6	14
1542	Interaction of obesity with smoking and inflammatory arthropathies increases the risk of periprosthetic joint infection: a propensity score matched study in a Chinese Han population. <i>Journal of Hospital Infection</i> , 2019, 101, 222-228.	1.4	12
1543	DXA Measured Distal Femur Bone Mineral Density in Patients After Total Knee Arthroplasty: Method Development and Reproducibility. <i>Journal of Clinical Densitometry</i> , 2019, 22, 67-73.	0.5	3
1544	Does lumbar arthrodesis compromise outcome of total hip arthroplasty?. <i>HIP International</i> , 2019, 29, 496-503.	0.9	14
1545	Clinical usefulness of multiplex PCR-lateral flow for the diagnosis of orthopedic-related infections. <i>Modern Rheumatology</i> , 2019, 29, 867-873.	0.9	1

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1546	Racial Disparities in Revision Total Knee Arthroplasty: Analysis of 125,901 Patients in National US Private Payer Database. <i>Journal of Racial and Ethnic Health Disparities</i> , 2019, 6, 101-109.	1.8	23
1547	Home-Based Exercise With Blood Flow Restriction to Improve Quadriceps Muscle and Physical Function After Total Knee Arthroplasty: A Case Report. <i>Physical Therapy</i> , 2019, 99, 1495-1500.	1.1	9
1548	Incorporating Specific Functional Strength Integration Techniques to Improve Functional Performance for Veterans After Total Hip Arthroplasty: Protocol for a Randomized Clinical Trial. <i>Physical Therapy</i> , 2019, 99, 1453-1460.	1.1	3
1549	Periprosthetic joint infection: current concepts and outlook. <i>EFORT Open Reviews</i> , 2019, 4, 482-494.	1.8	338
1550	Outcomes of the First 1,000 Total Hip and Total Knee Arthroplasties at a Same-day Surgery Center Using a Rapid-recovery Protocol. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2019, 3, e022.	0.4	32
1551	Blood management in fast-track orthopedic surgery: an evidence-based narrative review. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 263.	0.9	33
1552	Culturing periprosthetic tissue in BacT/Alert® Virtuo blood culture system leads to improved and faster detection of prosthetic joint infections. <i>BMC Infectious Diseases</i> , 2019, 19, 607.	1.3	39
1553	Comparative responsiveness of the PROMIS-10 Global Health and EQ-5D questionnaires in patients undergoing total knee arthroplasty. <i>Bone and Joint Journal</i> , 2019, 101-B, 832-837.	1.9	49
1554	The prognosis of streptococcal prosthetic bone and joint infections depends on surgical management—A multicenter retrospective study. <i>International Journal of Infectious Diseases</i> , 2019, 85, 175-181.	1.5	22
1555	2019 Mark Coventry Award: A multicentre randomized clinical trial of tranexamic acid in revision total knee arthroplasty. <i>Bone and Joint Journal</i> , 2019, 101-B, 10-16.	1.9	31
1556	A bibliometric analysis of classic publications in web of science category of orthopedics. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 227.	0.9	30
1557	Evaluation of a 3D-printed total knee arthroplasty using radiostereometric analysis. <i>Bone and Joint Journal</i> , 2019, 101-B, 40-47.	1.9	38
1558	Isolated revision of the polyethylene component at revision total knee arthroplasty has excellent survivorship at ten years. <i>Bone and Joint Journal</i> , 2019, 101-B, 104-107.	1.9	9
1559	Anaesthetic care of patients undergoing primary hip and knee arthroplasty: consensus recommendations from the International Consensus on Anaesthesia-Related Outcomes after Surgery group (ICAROS) based on a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2019, 123, 269-287.	1.5	186
1560	Active remote-site musculoskeletal infection as a risk factor for periprosthetic infection in a new joint implant: A case series. <i>Annals of Medicine and Surgery</i> , 2019, 45, 27-32.	0.5	0
1561	Patterns of prescription opioid use before total hip and knee replacement among US Medicare enrollees. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1445-1453.	0.6	22
1562	Patterns of Depressive Symptoms Before and After Surgery for Osteoarthritis: A Descriptive Study. <i>ACR Open Rheumatology</i> , 2019, 1, 203-212.	0.9	10
1563	Additive manufacturing process creates local surface roughness modifications leading to variation in cell adhesion on multifaceted TiAl6V4 samples. <i>Bioprinting</i> , 2019, 16, e00054.	2.9	23

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1564	Should we use dabigatran or aspirin thromboprophylaxis in total hip and knee arthroplasty? A natural experiment. <i>Journal of Orthopaedics</i> , 2019, 16, 563-568.	0.6	4
1565	Clinical Experience with Tigecycline in the Treatment of Prosthetic Joint Infections. <i>Journal of Bone and Joint Infection</i> , 2019, 4, 126-132.	0.6	0
1566	Economic burden of surgical site infections within the episode of care following joint replacement. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 196.	0.9	34
1567	Effect of CYP3A4, CYP3A5, ABCB1 Gene Polymorphisms on Rivaroxaban Pharmacokinetics in Patients Undergoing Total Hip and Knee Replacement Surgery. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2019, 26, 413-420.	1.0	25
1568	Fatigue Design Space for Porous Titanium Alloy Femoral Stems: Computational Approach. <i>MATEC Web of Conferences</i> , 2019, 291, 02003.	0.1	1
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1661	Évolution et projection de la chirurgie de la hanche en France de 2008 à 2070: Étude épidémiologique avec analyse de tendance et projection. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2019, 105, 803-812.	0.0	1
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1663	Does Rehabilitation before Total Knee Arthroplasty Benefit Postoperative Recovery? A Systematic Review. <i>Indian Journal of Orthopaedics</i> , 2019, 53, 138-147.	0.5	18
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1675	Current Insights in the Application of Bone Grafts for Local Antibiotic Delivery in Bone Reconstruction Surgery. <i>Journal of Bone and Joint Infection</i> , 2019, 4, 245-253.	0.6	12
1676	Soft Tissue Issues and Considerations in Total Knee Arthroplasty. <i>Techniques in Orthopaedics</i> , 2019, 34, 210-215.	0.1	0
1677	Comparison of adductor canal block with periarticular infiltration analgesia in total knee arthroplasty. <i>Medicine (United States)</i> , 2019, 98, e18356.	0.4	11
1678	Reducing Risk in Bilateral Total Knee Arthroplasty. <i>Techniques in Orthopaedics</i> , 2019, 34, 205-209.	0.1	1
1679	New York Arthroplasty Council (NYAC) Consensus on Reducing Risk in Total Joint Arthroplasty: Obesity. <i>Techniques in Orthopaedics</i> , 2019, 34, 163-166.	0.1	0
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1687	Reasons for Litigation in Arthroplasty Infections and Lessons Learned. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1806-1811.	1.4	15
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1690	Prosthetic Joint Infection of the Knee Due to Mycobacterium tuberculosis. <i>Infectious Diseases in Clinical Practice</i> , 2019, 27, 191-194.	0.1	1
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1693	Additional femoral nerve block analgesia does not reduce the chronic pain after total knee arthroplasty. <i>Medicine (United States)</i> , 2019, 98, e14991.	0.4	7
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1695	Team Approach: A Multidisciplinary Approach to the Management of Hip and Knee Osteoarthritis. <i>JBJS Reviews</i> , 2019, 7, e10-e10.	0.8	11
1696	Revision Rates and Functional Outcomes Among Severely, Morbidly, and Super-Obese Patients Following Primary Total Knee Arthroplasty. <i>JBJS Reviews</i> , 2019, 7, e9-e9.	0.8	44
1697	Use of Povidone-Iodine Irrigation Prior to Wound Closure in Primary Total Hip and Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1144-1150.	1.4	48
1698	Quality Measures in Total Hip and Total Knee Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2019, 27, 219-226.	1.1	21
1699	Can recent chronic pain techniques help with acute perioperative pain?. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 661-667.	0.9	4
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1704	Impact of Bundled Care on Outcomes Following Elective Primary Total Hip or Total Knee Arthroplasty. <i>Orthopaedic Nursing</i> , 2019, 38, 262-269.	0.2	2
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1708	The Leukocyte Esterase Test for Periprosthetic Joint Infection Is Not Affected by Prior Antibiotic Administration. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 739-744.	1.4	17
1709	Management of Extra-articular Deformity in the Setting of Total Knee Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2019, 27, e819-e830.	1.1	30

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1711	Trajectories of functional performance and muscle strength recovery differ after total knee and total hip replacement: a performance-based, longitudinal study. <i>International Journal of Rehabilitation Research</i> , 2019, 42, 211-216.	0.7	12
1712	Acquired Idiopathic Stiffness After Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1320-1330.	1.4	56
1713	Total Knee Arthroplasty. <i>JBJS Journal of Orthopaedics for Physician Assistants</i> , 2019, 7, e0014.	0.0	2
1714	Are Patients Who Undergo THA for Infection at Higher Risk for 30-day Complications?. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1624-1631.	0.7	7
1715	Patient satisfaction and total hip arthroplasty: a review. <i>Arthroplasty</i> , 2019, 1, 6.	0.9	59
1716	Consensus on Reducing Risk in Total Joint Arthroplasty: Revision Surgery. <i>Techniques in Orthopaedics</i> , 2019, 34, 216-221.	0.1	0
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1736	Platelet-rich plasma versus hyaluronic acid injections for knee osteoarthritis: a propensity-score analysis. <i>Scandinavian Journal of Surgery</i> , 2019, 108, 329-337.	1.3	16
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1778	Sampling strategies for approximating patient variability in population-based finite element studies of total hip replacement. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2019, 35, e3168.	1.0	4
1779	A predominant Th1 polarization is present in synovial fluid of end-stage osteoarthritic knee joints: analysis of peripheral blood, synovial fluid and synovial membrane. <i>Clinical and Experimental Immunology</i> , 2019, 195, 395-406.	1.1	47
1780	Usefulness of slice encoding for metal artifact correction (SEMAC) technique for reducing metal artifacts after total knee arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 659-666.	0.6	4
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1789	Improving Physical Activity Through Adjunct Telerehabilitation Following Total Knee Arthroplasty: Randomized Controlled Trial Protocol. <i>Physical Therapy</i> , 2019, 99, 37-45.	1.1	14
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1798	Pre-operative pressure pain thresholds do not meaningfully explain satisfaction or improvement in pain after knee replacement: a cohort study. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 49-58.	0.6	9
1799	A load-measuring device can achieve fine-tuning of mediolateral load at knee arthroplasty but may lead to a more lax knee state. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2238-2250.	2.3	18
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1802	Molecular pathology of adverse local tissue reaction caused by metal-on-metal implants defined by RNA-seq. <i>Genomics</i> , 2019, 111, 1404-1411.	1.3	12
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1807	Protective effect of N-acetylcysteine in prosthetic joint infection: A nationwide population-based cohort study. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 225-233.	1.5	0
1808	Comparison of recovery of mobility and self-efficacy after total knee arthroplasty based on two different protocols: A prospective cohort study. <i>Modern Rheumatology</i> , 2020, 30, 197-203.	0.9	3
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1817	Hip external rotation and extension angles for exposure and preparation of the proximal femur in direct anterior total hip arthroplasty: A cadaveric study. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2020, 11, S62-S65.	0.6	0
1818	Clinical information and guidance shared via a patient infotainment system can reduce hospital stay and maintain 2 medical quality for total knee arthroplasty: A single-blinded quasi-randomised controlled trial. <i>International Journal of Nursing Studies</i> , 2020, 104, 103440.	2.5	3

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1821	re: MRI as Diagnostic Modality for Analyzing the Problematic Knee Arthroplasty: A Systematic Review. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 459-460.	1.9	0
1822	Tunable morphological changes of asymmetric titanium nanosheets with bactericidal properties. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 572-580.	5.0	51
1823	Integrated clinical pathways with watertight, multi-layer closure to improve patient outcomes in total hip and knee joint arthroplasty. <i>Journal of Orthopaedics</i> , 2020, 18, 191-196.	0.6	3
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1825	Postoperative Complications Causing Readmission in 30 Days after Total Knee Arthroplasty: A Retrospective Nested Case-Control Study of Risk Factors Based on Propensity Score Matching. <i>Journal of Knee Surgery</i> , 2020, 33, 1100-1108.	0.9	2
1826	Early results of a high friction surface coated uncemented socket in revision hip arthroplasty. <i>HIP International</i> , 2020, 30, 739-744.	0.9	5
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1831	Outcomes of Acetabular Reconstructions for the Management of Chronic Pelvic Discontinuity: A Systematic Review. <i>Journal of Arthroplasty</i> , 2020, 35, 1145-1153.e2.	1.5	31
1832	Use of Topical Tranexamic Acid Reduces Direct and Indirect Blood Loss and Transfusion Rates in Revision Total Hip Arthroplasty. <i>HSS Journal</i> , 2020, 16, 285-292.	0.7	7
1833	Prescribing and Consumption of Opioids After Primary, Unilateral Total Hip and Knee Arthroplasty in Opioid-Naive Patients. <i>Journal of Arthroplasty</i> , 2020, 35, 960-965.e1.	1.5	30
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1835	Computational efficient method for assessing the influence of surgical variability on primary stability of a contemporary femoral stem in a cohort of subjects. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1283-1295.	1.4	6
1836	Predictive value of high-sensitive cardiac troponin T (cTnT) for adverse cardiac events in patients undergoing primary total knee arthroplasty (TKA). <i>Journal of Orthopaedic Science</i> , 2020, 25, 647-651.	0.5	2

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1839	The Effect of Neuraxial Anesthesia on Postoperative Outcomes in Total Joint Arthroplasty With Rapid Recovery Protocols. <i>Journal of Arthroplasty</i> , 2020, 35, 950-954.	1.5	29
1840	Is There a Benefit to Modularity for Femoral Revisions When Using a Splined, Tapered Titanium Stem?. <i>Journal of Arthroplasty</i> , 2020, 35, S278-S283.	1.5	7
1841	Reply to a commentary on "Continuous adductor canal block is a better choice compared to single shot after primary total knee arthroplasty: A meta-analysis of randomized controlled trials" [Int J Surg. 2019 Nov 18; 72:192-193]. <i>International Journal of Surgery</i> , 2020, 74, 65-67.	1.1	0
1842	Early death following revision total knee arthroplasty. <i>Journal of Orthopaedics</i> , 2020, 19, 114-117.	0.6	2
1844	Rotating Hinge Implants in Knee Arthroplasty. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020, 158, 383-389.	0.4	1
1845	Limited Influence of Comorbidities on Length of Stay after Total Hip Arthroplasty: Experience of Enhanced Recovery after Surgery. <i>Orthopaedic Surgery</i> , 2020, 12, 153-161.	0.7	37
1846	Clinical outcome, functional outcome and patient satisfaction after cruciate retaining total knee arthroplasty for stiff arthritic knee - A short term outcome study. <i>Journal of Orthopaedics</i> , 2020, 20, 6-11.	0.6	0
1847	The Dome Technique, an Option for Massive Anterosuperior Medial Acetabular Bone Loss: A Retrospective Case Series. <i>HSS Journal</i> , 2020, 16, 521-526.	0.7	4
1848	Radiographic and Clinical Outcomes of Modular Tapered Fluted Stems for Femoral Revision for Paprosky III and IV Femoral Defects or Vancouver B2 and B3 Femoral Fractures. <i>Journal of Arthroplasty</i> , 2020, 35, 1069-1073.	1.5	17
1849	Comparison Study of Patient Demographics, Risk Factors, and Lengths of Stay for Postoperative Ileus After Primary Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1397-1401.	1.5	2
1850	Preoperative Vitamin D Repletion in Total Knee Arthroplasty: A Cost-Effectiveness Model. <i>Journal of Arthroplasty</i> , 2020, 35, 1379-1383.	1.5	17
1851	Dual Mobility Bearing Articulations Result in Lower Rates of Dislocation After Revision Total Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, 831-837.	1.1	16
1852	Patients With a History of a Cardiac Implantable Electronic Device Have a Higher Likelihood of 90-Day Cardiac Events After Total Joint Arthroplasty: A Matched Cohort Study. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, e612-e619.	1.1	1
1853	What is the Likelihood of Subsequent Arthroplasties after Primary TKA or THA? Data from the Osteoarthritis Initiative. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 34-41.	0.7	30
1854	Indications, Survivorship, and Clinical Outcomes of a Rotating Hinge Total Knee and Distal Femoral Arthroplasty System. <i>Journal of Arthroplasty</i> , 2020, 35, 1323-1327.	1.5	9
1855	Analysis of Preoperative Screening Criteria for Total Joint Arthroplasty in a Veteran Population. <i>Journal of Arthroplasty</i> , 2020, 35, S119-S123.	1.5	1

#	ARTICLE	IF	CITATIONS
1856	Rheumatoid Arthritis Is Associated With Thromboembolic Complications Following Primary Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1009-1013.	1.5	6
1857	Patient-Reported Outcomes Following Total Hip Arthroplasty: A Multicenter Comparison Based on Surgical Approaches. <i>Journal of Arthroplasty</i> , 2020, 35, 1029-1035.e3.	1.5	22
1858	Risk of Periprosthetic Infection Following Intra-Articular Corticosteroid Injections After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1090-1094.	1.5	20
1859	Review article: Patient characteristics that act as risk factors for intraoperative complications in hip, knee, and shoulder arthroplasties. <i>Journal of Orthopaedics</i> , 2020, 17, 193-197.	0.6	4
1860	Is the Patient-Reported Outcome Measurement Information System Feasible in Bundled Payment for Care Improvement in Total Hip Arthroplasty Patients?. <i>Journal of Arthroplasty</i> , 2020, 35, 1179-1185.	1.5	12
1861	The Management of Post-Surgical Orthopedic Conditions in the Older Adult. , 2020, , 453-485.		0
1862	Estimated Glomerular Filtration Rate as a Risk Stratification Tool for Early Complications in Revision Total Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1315-1322.	1.5	4
1863	Is Spinal Anesthesia Safer than General Anesthesia for Patients Undergoing Revision THA? Analysis of the ACS-NSQIP Database. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 80-87.	0.7	28
1864	Effect of preoperative sedentary behavior on clinical recovery after total knee arthroplasty: a prospective cohort study. <i>Clinical Rheumatology</i> , 2020, 39, 891-898.	1.0	10
1865	What Happens to Unused Opioids After Total Joint Arthroplasty? An Evaluation of Unused Postoperative Opioid Disposal Practices. <i>Journal of Arthroplasty</i> , 2020, 35, 966-970.	1.5	6
1866	What Are the Risk Factors for 48 or More Hour Stay and Nonhome Discharge After Total Knee Arthroplasty? Results From 151 Illinois Hospitals, 2016-2018. <i>Journal of Arthroplasty</i> , 2020, 35, 1466-1473.e1.	1.5	15
1867	Socioeconomic status and healthcare access are associated with healthcare utilization after knee arthroplasty: A U.S. national cohort study. <i>Joint Bone Spine</i> , 2020, 87, 157-162.	0.8	18
1868	Staged Bilateral Total Knee Arthroplasty: Increased Risk of Recurring Complications. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 292-297.	1.4	20
1869	Preoperative Expectations Associated With Postoperative Dissatisfaction After Total Knee Arthroplasty: A Cohort Study. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, e145-e150.	1.1	36
1870	Has a Prescription-limiting Law in Rhode Island Helped to Reduce Opioid Use After Total Joint Arthroplasty?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 205-215.	0.7	35
1871	Work Relative Value Units Do Not Adequately Support the Burden of Infection Management in Revision Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 230-236.	1.4	36
1872	Proteins, peptides and peptidomimetics as active agents in implant surface functionalization. <i>Advances in Colloid and Interface Science</i> , 2020, 276, 102083.	7.0	33
1873	Effects of nano-engineered surfaces on osteoblast adhesion, growth, differentiation, and apoptosis. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems</i> , 2020, 234, 59-66.	0.5	0

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1874	Ultrasound-guided out-of-plane (OOP) adductor canal continuous catheter placement compared to in-plane (IP) placement in total knee arthroplasty: A randomized, single blinded, pilot clinical trial. <i>Journal of Clinical Anesthesia</i> , 2020, 61, 109692.	0.7	0
1875	Design of biodegradable, implantable devices towards clinical translation. <i>Nature Reviews Materials</i> , 2020, 5, 61-81.	23.3	440
1876	Hospital Discharge Within a Day After Total Hip Arthroplasty Does Not Compromise 1-Year Outcomes Compared With Rapid Discharge: An Analysis of an Insurance Claims Database. <i>Journal of Arthroplasty</i> , 2020, 35, S107-S112.	1.5	14
1877	Long-Term Survival of the Cemented Exeter Universal Stem in Patients 50 Years and Younger: An Update on 130 Hips. <i>Journal of Arthroplasty</i> , 2020, 35, 1042-1047.	1.5	31
1878	Surface analysis of early retrieved polyethylene tibial inserts for both knees in total knee replacement. <i>Engineering Failure Analysis</i> , 2020, 109, 104279.	1.8	3
1879	General vs Spinal Anesthesia for Total Joint Arthroplasty: A Single-Institution Observational Review. <i>Journal of Arthroplasty</i> , 2020, 35, 955-959.	1.5	28
1880	The Cost of Malnutrition in Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 926-932.e1.	1.5	29
1881	Screening for Periprosthetic Joint Infections With ESR and CRP: The Ideal Cutoffs. <i>Journal of Arthroplasty</i> , 2020, 35, 1351-1354.	1.5	21
1882	The Association Between Newly Accredited Orthopedic Residency Programs and Teaching Hospital Complication Rates in Lower Extremity Total Joint Arthroplasty. <i>Journal of Surgical Education</i> , 2020, 77, 690-697.	1.2	3
1883	Preoperative Depression Is Associated With Increased Risk Following Revision Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1048-1053.	1.5	37
1884	Variability of patient and surgical risk factors for infection in a single, urban, academic total joint replacement center. <i>Journal of Orthopaedics</i> , 2020, 19, 178-183.	0.6	1
1885	Selective Component Retainment in the Treatment of Chronic Periprosthetic Infection After Total Hip Arthroplasty: A Systematic Review. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, 756-763.	1.1	0
1886	Addressing Antibiotic Hip Spacer Instability via Hybrid Screw-cement Fixation of a Constrained Liner and Cement-rebar Interface Techniques: A Technical Narrative. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, 166-170.	1.1	4
1887	Intravenous Tranexamic Acid for Reducing Perioperative Blood Loss During Revision Surgery for Vancouver Type B Periprosthetic Femoral Fractures After Total Hip Arthroplasty: A Retrospective Study. <i>Orthopaedic Surgery</i> , 2020, 12, 100-107.	0.7	5
1888	Perioperative analgesia after intrathecal morphine or local infiltration anesthesia for total knee replacement. <i>Medicine (United States)</i> , 2020, 99, e22394.	0.4	2
1889	A Perspective on Biotribology in Arthroplasty: From In Vitro toward the Accurate In Silico Wear Prediction. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6312.	1.3	7
1890	Patient-Reported Outcomes Following Total Knee Replacement in Patients <65 Years of Age: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 3150.	1.0	7
1891	Mobility Technicians. <i>Orthopaedic Nursing</i> , 2020, 39, 333-337.	0.2	2



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1892	Current Treatment Modalities for Osteonecrosis of Femoral Head in Mainland China: A Cross-sectional Study. <i>Orthopaedic Surgery</i> , 2020, 12, 1776-1783.	0.7	4
1893	At what point during total knee arthroplasty operations are gloves most frequently torn?. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902095916.	0.4	0
1894	Why Do People Undergo THR and What Do They Expect to Gain? A Comparison of the Views of Patients and Health Care Professionals. <i>Journal of Patient Experience</i> , 2020, 7, 1778-1787.	0.4	5
1895	Collaborative model of care between Orthopaedics and allied healthcare professionals trial (CONNACT) – a feasibility study in patients with knee osteoarthritis using a mixed method approach. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 592.	0.8	2
1896	Literature review of the causes of pain following total knee replacement surgery: prosthesis, inflammation and arthrofibrosis. <i>EFORT Open Reviews</i> , 2020, 5, 534-543.	1.8	16
1897	The optimal dosage, route and timing of glucocorticoids administration for improving knee function, pain and inflammation in primary total knee arthroplasty: A systematic review and network meta-analysis of 34 randomized trials. <i>International Journal of Surgery</i> , 2020, 82, 182-191.	1.1	8
1898	A machine learning-based diagnostic model associated with knee osteoarthritis severity. <i>Scientific Reports</i> , 2020, 10, 15743.	1.6	25
1899	Sedentary Behavior in Older Patients before and after Total Hip Arthroplasty: A Prospective Cohort Study. <i>Healthcare (Switzerland)</i> , 2020, 8, 346.	1.0	3
1900	3D Printing Hip Prostheses Offer Accurate Reconstruction, Stable Fixation, and Functional Recovery for Revision Total Hip Arthroplasty with Complex Acetabular Bone Defect. <i>Engineering</i> , 2020, 6, 1285-1290.	3.2	18
1901	Serum fatty acid chain length associates with prevalent symptomatic end-stage osteoarthritis, independent of BMI. <i>Scientific Reports</i> , 2020, 10, 15459.	1.6	7
1902	The impact of prior ipsilateral arthroscopy on infection rates after shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 1596-1602.	1.2	12
1903	Collaborative model of care between Orthopaedics and allied healthcare professionals in knee osteoarthritis (CONNACT): study protocol for an effectiveness-implementation hybrid randomized control trial. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 684.	0.8	1
1904	The use of augmented antibiotic-loaded cement spacer in periprosthetic joint infection patients with acetabular bone defect. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 448.	0.9	3
1905	High-concentration nonavian high-molecular-weight hyaluronan injections and time-to-total knee replacement surgery. <i>Journal of Comparative Effectiveness Research</i> , 2020, 9, 795-805.	0.6	4
1906	Mesenchymal stem cell therapy combined with arthroscopic abrasion arthroplasty regenerates cartilage in patients with severe knee osteoarthritis: a case series. <i>Regenerative Medicine</i> , 2020, 15, 1957-1977.	0.8	11
1907	The effect of musical interventions in improving short-term pain outcomes following total knee replacement: a meta-analysis and systematic review. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 465.	0.9	7
1908	Effect of periarticular multimodal injection versus femoral nerve block on in-hospital rehabilitation after total knee arthroplasty in Chinese population: A prospective randomized control trial study. <i>Journal of Orthopaedics, Trauma and Rehabilitation</i> , 2020, 27, 214-220.	0.1	0
1909	Diagnostic accuracy of MRI with metal artifact reduction for the detection of periprosthetic joint infection and aseptic loosening of total hip arthroplasty. <i>European Journal of Radiology</i> , 2020, 131, 109253.	1.2	23

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1910	Postoperative acetabular component position in revision hip arthroplasty: a comparison of the anterior and posterior approaches. <i>HIP International</i> , 2022, 32, 466-474.	0.9	4
1912	How to Develop a Fair Revision Arthroplasty Bundle? Using Perioperative Complications and Readmissions to Investigate. <i>Journal of Arthroplasty</i> , 2020, 35, 3427-3431.	1.5	2
1913	No Differences in Midterm Sports Participation or Functional Scores After Total Hip Arthroplasty by Posterolateral Vs Anterolateral Approach. <i>Journal of Arthroplasty</i> , 2020, 35, 3656-3660.	1.5	6
1914	Assessing knee anatomy using Makoplasty software a case series of 99 knees. <i>Journal of Orthopaedics</i> , 2020, 20, 347-351.	0.6	3
1915	Revision Total Knee Arthroplasty Is Associated With Significantly Higher Opioid Consumption as Compared With Primary Total Knee Arthroplasty in the Acute Postoperative Period. <i>Arthroplasty Today</i> , 2020, 6, 172-175.	0.8	8
1916	Evidence-Based Hospital Procedural Volumes as Predictors of Outcomes After Revision Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2952-2959.	1.5	9
1917	Modular Fluted Tapered Stems in Aseptic Oncologic Revision Total Hip Arthroplasty: A Game Changer?. <i>Journal of Arthroplasty</i> , 2020, 35, 3692-3696.	1.5	1
1918	Gastrocnemius Muscle Flaps for Soft Tissue Coverage in Periprosthetic Knee Joint Infection. <i>Journal of Arthroplasty</i> , 2020, 35, 3730-3736.	1.5	11
1919	Knee Arthroscopy After Total Knee Arthroplasty: Not a Benign Procedure. <i>Journal of Arthroplasty</i> , 2020, 35, 3575-3580.	1.5	10
1920	Mechanical performance of auxetic meta-biomaterials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 104, 103658.	1.5	77
1921	Third-Generation Medium Cross-Linked Polyethylene Demonstrates Very Low Wear in Total Hip Arthroplasty. <i>Arthroplasty Today</i> , 2020, 6, 316-321.	0.8	6
1922	Knee surgery trends and projections in France from 2008 to 2070. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2020, 106, 893-902.	0.9	60
1923	Predicting Trends in Cervical Spinal Surgery in the United States from 2020 to 2040. <i>World Neurosurgery</i> , 2020, 141, e175-e181.	0.7	61
1924	Clinical Outcomes and Midterm Survivorship of an Uncemented Primary Total Hip Arthroplasty System. <i>Journal of Arthroplasty</i> , 2020, 35, 1662-1666.	1.5	9
1925	Knee Arthrodesis Is a Durable Option for the Salvage of Infected Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 3261-3268.	1.5	7
1926	Projections of Primary TKA and THA in Germany From 2016 Through 2040. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1622-1633.	0.7	110
1927	Early Discharge After Total Hip and Knee Arthroplasty—An Observational Cohort Study Evaluating Safety in 330,000 Patients. <i>Journal of Arthroplasty</i> , 2020, 35, 3482-3487.e3.	1.5	21
1928	Activity-pacing and outcomes of total knee arthroplasty: A longitudinal study. <i>Cogent Medicine</i> , 2020, 7, .	0.7	1

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1930	Short-Term Heat Treatment of Ti6Al4V ELI as Implant Material. <i>Materials</i> , 2020, 13, 4948.	1.3	2
1931	Use of bone wax reduces blood loss and transfusion rates after total knee arthroplasty. <i>Knee</i> , 2020, 27, 1411-1417.	0.8	4
1932	Influence of fulfilment patient expectations in outcomes after total knee arthroplasty. <i>Revista Espa�ola De Cirug�a Ortop�dica Y Traumatolog�a</i> , 2020, 64, 428-433.	0.1	1
1933	Third generation delta ceramic-on-ceramic bearing for total hip arthroplasty at mid-term follow-up. <i>Journal of Orthopaedics</i> , 2020, 22, 397-401.	0.6	3
1934	Metal Ion Release, Clinical and Radiological Outcomes in Large Diameter Metal-on-Metal Total Hip Arthroplasty at Long-Term Follow-Up. <i>Diagnostics</i> , 2020, 10, 941.	1.3	14
1935	Titanium for Orthopedic Applications: An Overview of Surface Modification to Improve Biocompatibility and Prevent Bacterial Biofilm Formation. <i>IScience</i> , 2020, 23, 101745.	1.9	115
1936	Neuraxial anaesthesia is associated with improved outcomes and reduced postoperative complications in patients undergoing aseptic revision total hip arthroplasty. <i>HIP International</i> , 2020, , 112070002097574.	0.9	5
1937	What are the inpatient and day case costs following primary total hip replacement of patients treated for prosthetic joint infection: a matched cohort study using linked data from the National Joint Registry and Hospital Episode Statistics. <i>BMC Medicine</i> , 2020, 18, 335.	2.3	28
1938	Cemented vs. cementless fixation in primary total knee arthroplasty: a systematic review and meta-analysis. <i>EFORT Open Reviews</i> , 2020, 5, 793-798.	1.8	34
1939	Local infiltration vs epidural analgesia for postoperative pain control after total knee or hip arthroplasty. <i>Medicine (United States)</i> , 2020, 99, e22674.	0.4	8
1940	Novel Biocompatible Zr-Based Alloy with Low Young's Modulus and Magnetic Susceptibility for Biomedical Implants. <i>Materials</i> , 2020, 13, 5130.	1.3	11
1941	Use of Deep Learning Networks and Statistical Modeling to Predict Changes in Mechanical Parameters of Contaminated Bone Cements. <i>Materials</i> , 2020, 13, 5419.	1.3	18
1942	Intra-articular vs. intravenous administration: a meta-analysis of tranexamic acid in primary total knee arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 581.	0.9	11
1943	Human Teeth-Derived Bioceramics for Improved Bone Regeneration. <i>Nanomaterials</i> , 2020, 10, 2396.	1.9	2
1944	Analysis of Orthopaedic Job Availability in the United States Based on Subspecialty. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2020, 4, e20.00195.	0.4	5
1945	Progression and projection for shoulder surgery in France, 2012�2070: Epidemiologic study with trend and projection analysis. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2020, 106, 1067-1077.	0.9	37
1946	Regional Variation in Rates of Total Knee Arthroplasty Among Medicare Beneficiaries. <i>JAMA Network Open</i> , 2020, 3, e203717.	2.8	18
1947	Muscle loaded stability reflects ligament-based stability in TKA: a cadaveric study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 612-620.	2.3	7

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1948	An Antibiotic-Releasing Bone Void Filling (ABVF) Putty for the Treatment of Osteomyelitis. <i>Materials</i> , 2020, 13, 5080.	1.3	6
1949	Coatings on metallic implants for biomedical applications. , 2020, , 359-385.		2
1950	<i>In vitro</i> evaluation of a novel nanostructured Ti-36Nb-6Ta alloy for orthopedic applications. <i>Nanomedicine</i> , 2020, 15, 1843-1859.	1.7	6
1952	Developments in combined analgesic regimens for improved safety in postoperative pain management. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 981-990.	1.4	2
1953	Editorial Comment: 2019 Musculoskeletal Infection Society Proceedings. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1738-1740.	0.7	1
1954	The use of negative-pressure wound therapy after total knee arthroplasty is effective for reducing complications and the need for reintervention. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 490.	0.8	18
1955	Tranexamic Acid Reduces the Rate of Periprosthetic Joint Infection After Aseptic Revision Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1344-1350.	1.4	22
1956	Multifunctional antibiotic- and zinc-containing mesoporous bioactive glass scaffolds to fight bone infection. <i>Acta Biomaterialia</i> , 2020, 114, 395-406.	4.1	40
1957	Comparative Biomechanical <i>In Vitro</i> Study of Different Modular Total Knee Arthroplasty Revision Stems With Bone Defects. <i>Journal of Arthroplasty</i> , 2020, 35, 3318-3325.	1.5	6
1958	Introduction of a New Treatment Algorithm Reduces the Number of Periprosthetic Femoral Fractures After Primary Total Hip Arthroplasty in Elderly Females. <i>Journal of Arthroplasty</i> , 2020, 35, 3613-3620.	1.5	3
1959	Age and gender related differences in infection, thromboembolism, revision and death in knee arthroplasty in a Scottish population. <i>Scottish Medical Journal</i> , 2020, 65, 89-93.	0.7	8
1960	Development of a Personalized m/eHealth Algorithm for the Resumption of Activities of Daily Life Including Work and Sport after Total and Unicompartmental Knee Arthroplasty: A Multidisciplinary Delphi Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4952.	1.2	13
1962	The Removal of Total Hip and Total Knee Arthroplasty From the Inpatient-Only List Increases the Administrative Burden of Surgeons and Continues to Cause Confusion. <i>Journal of Arthroplasty</i> , 2020, 35, 2772-2778.	1.5	34
1963	Revision total knee arthroplasty using a novel 3D printed titanium augment: A biomechanical cadaveric study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 110, 103944.	1.5	9
1964	Protocatechuic Acid as a Topical Antimicrobial for Surgical Skin Antisepsis. <i>JBJS Open Access</i> , 2020, 5, e19.00079-e19.00079.	0.8	12
1965	Platelet Rich STROMA, the Combination of PRP and tSVF and Its Potential Effect on Osteoarthritis of the Knee. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4691.	1.3	8
1966	Patient-reported outcome measures in total joint arthroplasty: defining the optimal collection window. <i>Arthroplasty Today</i> , 2020, 6, 62-67.	0.8	58
1967	Acetabulo de dupla mobilidade na artroplastia total do quadril. A experiência de um hospital universitário. <i>Revista Brasileira De Ortopedia</i> , 2020, 55, 708-714.	0.2	3

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1968	Demographics, Treatment, and Cost of Periprosthetic Femur Fractures: Fixation Versus Revision. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2020, 11, 215145932093955.	0.6	6
1969	Biomechanics of Implant Fixation in Osteoporotic Bone. <i>Current Osteoporosis Reports</i> , 2020, 18, 577-586.	1.5	11
1970	Comparative Cost Analysis of Robotic-Assisted and Jig-Based Manual Primary Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2022, 35, 176-184.	0.9	34
1971	Clinical and radiological results of a stemmed medial pivot revision implant in aseptic total knee revision arthroplasty. <i>Knee</i> , 2020, 27, 1190-1196.	0.8	3
1972	The experimental study of tissue integration into porous titanium implants. <i>HIP International</i> , 2020, , 112070002094348.	0.9	6
1973	What Are Risk Factors for Infection after Primary or Revision Total Joint Arthroplasty in Patients Older Than 80 Years?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1741-1751.	0.7	14
1974	Using electroacupuncture to recover muscle strength in patients with knee osteoarthritis after total knee arthroplasty: a study protocol for a double-blinded, randomized, and placebo-controlled trial. <i>Trials</i> , 2020, 21, 705.	0.7	1
1975	Synthetic Bone Grafting in Aseptic Loosening of Acetabular Cup: Good Clinical and Radiological Outcomes in Contained Bone Defects at Medium-Term Follow Up. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5624.	1.2	2
1976	The Impact of Spinopelvic Mobility on Arthroplasty: Implications for Hip and Spine Surgeons. <i>Journal of Clinical Medicine</i> , 2020, 9, 2569.	1.0	38
1977	Factors associated with non-home discharge after total knee arthroplasty: Potential for cost savings?. <i>Knee</i> , 2020, 27, 1176-1181.	0.8	14
1978	Patient Perceptions of COVID-19-Related Surgical Delay: An Analysis of Patients Awaiting Total Hip and Knee Arthroplasty. <i>HSS Journal</i> , 2020, 16, 45-51.	0.7	24
1979	Intravital Multiphoton Examination of Implant-Associated <i>Staphylococcus aureus</i> Biofilm Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 574092.	1.8	9
1980	Complications and Readmissions After Total Hip Replacement in Octogenarians and Nonagenarians. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2020, 11, 215145932094095.	0.6	10
1981	Patient-Reported Outcome Measures (Pain, Function, and Quality of Life) After Aseptic Revision Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, e114.	1.4	22
1982	Functionally graded coatings on biomaterials: a critical review. <i>Materials Today Chemistry</i> , 2020, 18, 100375.	1.7	11
1983	The Significance of Metal Sensitivity Testing in Instrumented Orthopaedic Surgery. <i>JBJS Journal of Orthopaedics for Physician Assistants</i> , 2020, 8, e19.00039-e19.00039.	0.0	0
1985	A novel mechanical inclinometer device to measure acetabular cup inclination in total hip arthroplasty. <i>Journal of Medical Engineering and Technology</i> , 2020, 44, 481-488.	0.8	3
1986	Is the proximal adductor canal block a better choice than the distal adductor canal block for primary total knee arthroplasty?. <i>Medicine (United States)</i> , 2020, 99, e22667.	0.4	3

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1987	Periprosthetic tibial fracture after total knee arthroplasty with popliteal artery injuryâ€”A case report. <i>Trauma Case Reports</i> , 2020, 30, 100359.	0.2	0
1988	Development of Postoperative Pain in Patients with End-Stage Knee Osteoarthritis Is Associated with Upregulation of Genes Related to Extracellular Matrix Degradation, Inflammation, and Apoptosis Measured in the Peripheral Blood before Knee Surgery. <i>Life</i> , 2020, 10, 224.	1.1	7
1989	Association of Intravenous Tranexamic Acid and the Risk of Allogenic Blood Transfusion in Revision Hip Arthroplasty: a Meta-Analysis of 4517 Patients. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2368-2375.	0.3	1
1990	Conversion Total Knee Arthroplasty: Prior Fracture or Osteotomy Around the Knee Leads to Increased Resource Utilization. <i>Journal of Arthroplasty</i> , 2020, 35, 3563-3568.	1.5	5
1991	Similar outcomes with usage of varus valgus constrained and a rotating hinge knee: A review of 108 cases. <i>Journal of Arthroscopy and Joint Surgery</i> , 2020, 7, 59-63.	0.3	1
1992	Developing a personalized outcome prediction tool for knee arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 1183-1193.	1.9	33
1993	A randomized controlled trial comparing tibial migration of the ATTUNE cemented cruciate-retaining knee prosthesis with the PFC-sigma design. <i>Bone and Joint Journal</i> , 2020, 102-B, 1158-1166.	1.9	23
1994	Performance of radiography and single-photon emission computed tomography/computed tomography in painful total hip arthroplasty and impact on arthroplasty survival. <i>Nuclear Medicine Communications</i> , 2020, 41, 875-882.	0.5	2
1995	Constrained Liners Implanted Simultaneously at the Time of Acetabular Shell Revision with a Highly Porous Implant. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1521-1529.	1.4	8
1996	Surface-Grafted Zwitterionic Polymers Improve the Efficacy of a Single Antibiotic Injection in Suppressing <i>Staphylococcus aureus</i> Periprosthetic Infections. <i>ACS Applied Bio Materials</i> , 2020, 3, 5896-5904.	2.3	8
1997	Clinical Outcomes and Survivorship of Contemporary Cementless Primary Total Knee Arthroplasties. <i>JBJS Reviews</i> , 2020, 8, e20.00026-e20.00026.	0.8	11
1998	Antibiotic Tolerance of <i>Staphylococcus aureus</i> Biofilm in Periprosthetic Joint Infections and Antibiofilm Strategies. <i>Antibiotics</i> , 2020, 9, 547.	1.5	38
1999	Retention of Monoblock Femoral Components Using a Dual Mobility Bearing. <i>JBJS Case Connector</i> , 2020, 10, e19.00641-e19.00641.	0.1	0
2000	The efficacy of nursing intervention to reduce preoperative anxiety in patients with total knee arthroplasty. <i>Medicine (United States)</i> , 2020, 99, e22213.	0.4	3
2001	Dual Mobility Total Hip Arthroplasty Is Not Associated with a Greater Incidence of Groin Pain in Comparison with Conventional Total Hip Arthroplasty and Hip Resurfacing:A Retrospective Comparative Study. <i>HSS Journal</i> , 2020, 16, 394-399.	0.7	8
2002	Comparison of modular and nonmodular tapered fluted titanium stems in femoral revision hip arthroplasty: a minimum 6-year follow-up study. <i>Scientific Reports</i> , 2020, 10, 13692.	1.6	8
2003	Effect of Local Infiltration Analgesia on Functional Outcomes in Total Knee Arthroplasty: A Randomized, Placebo-Controlled, Double-Blind Clinical Trial. <i>Journal of Knee Surgery</i> , 2020, , .	0.9	2
2004	Inhibition of Angiotensin Converting Enzyme Impairs Anti-staphylococcal Immune Function in a Preclinical Model of Implant Infection. <i>Frontiers in Immunology</i> , 2020, 11, 1919.	2.2	4

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2005	Outpatient total hip arthroplasty does not increase complications and readmissions: a meta-analysis. <i>HIP International</i> , 2022, 32, 326-333.	0.9	10
2006	Bacteria drug resistance profile affects knee and hip periprosthetic joint infection outcome with debridement, antibiotics and implant retention. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 574.	0.8	13
2007	The psychological burden of a two-stage exchange of infected total hip and knee arthroplasties. <i>Journal of Health Psychology</i> , 2022, 27, 470-480.	1.3	12
2008	The implications of an aging population and increased obesity for knee arthroplasty rates in Sweden: a register-based study. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 738-742.	1.2	9
2009	Fascia iliaca compartment block for analgesia in total hip replacement. <i>Medicine (United States)</i> , 2020, 99, e22158.	0.4	4
2010	Outpatient total knee arthroplasty leads to a higher number of complications: a meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 408.	0.9	18
2011	Pathologic spinopelvic balance in patients with hip osteoarthritis. <i>Der Orthopade</i> , 2020, 49, 860-869.	0.7	9
2012	Clinical and radiological survivorship of the Thackray cross plate with rim reinforcement ring for cemented acetabular revision. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1825-1835.	1.3	0
2013	Closed-incision negative-pressure wound management in surgery—literature review and recommendations. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2020, 52, 249-267.	0.3	2
2015	Preoperative High, as well as Low, Platelet Counts Correlate With Adverse Outcomes After Elective Total Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2020, 4, e20.00049.	0.4	5
2016	Outcome of repeated multi-stage arthroplasty with custom-made acetabular implants in patients with severe acetabular bone loss: a case series. <i>HIP International</i> , 2020, 30, 64-71.	0.9	3
2017	Geographic Variations and Trends in Primary and Revision Knee and Total Hip Arthroplasties in the United States. <i>JBJS Open Access</i> , 2020, 5, e0051-e0051.	0.8	10
2018	Short-term outcomes after pure bone marrow aspirate injection for severe knee osteoarthritis: a case series. <i>Regenerative Medicine</i> , 2020, 15, 1851-1859.	0.8	5
2019	Complications to 6â€‰months following total hip or knee arthroplasty: observations from an Australian clinical outcomes registry. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 602.	0.8	43
2020	Cup-on-cup technique: a reliable management solution for severe acetabular bone loss in revision total hip replacement. <i>HIP International</i> , 2020, 30, 12-18.	0.9	4
2021	Does the Presence of Neuropathic Pain Influence the Response to Hyaluronic Acid in Patients with Knee Osteoarthritis?. <i>Cartilage</i> , 2021, 13, 1548S-1556S.	1.4	2
2022	The efficacy of perioperative gabapentin for the treatment of postoperative pain following total knee and hip arthroplasty: a meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 332.	0.9	19
2023	Diagnostic accuracy of D-dimer in periprosthetic joint infection: a diagnostic meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 334.	0.9	10

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2024	Évolution et projection de la chirurgie du genou en France de 2008 à 2070 : Étude épidémiologique avec analyse de tendance et projection. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2020, 106, 508-517.	0.0	0
2025	A dynamic knee extension device improves flexion contracture before total knee arthroplasty: a randomized controlled trial. <i>Current Orthopaedic Practice</i> , 2020, 31, 347-351.	0.1	3
2026	Synovial fluid interleukin-6 is not superior to cell count and differential in the detection of periprosthetic joint infection. <i>Bone &amp; Joint Open</i> , 2020, 1, 737-742.	1.1	10
2027	Mortality and other complications after revision joint arthroplasty: Investigating the modifiable independent predictors. <i>Journal of Arthroscopy and Joint Surgery</i> , 2020, 7, 172-176.	0.3	0
2028	Psychometric properties of the 4-meter walk test after total knee arthroplasty. <i>Disability and Rehabilitation</i> , 2022, 44, 3204-3210.	0.9	6
2029	Characterization of Pulmonary Emboli in Total Joint Arthroplasty Patients Compared to General Medical Patients. <i>Journal of Knee Surgery</i> , 2020, 33, 1232-1237.	0.9	1
2030	Histological evaluation of acetabular bone quality during revision hip arthroplasty. <i>HIP International</i> , 2020, 30, 66-71.	0.9	5
2031	Does obesity lead to lower rates of clinically meaningful improvement or satisfaction after total hip arthroplasty? A propensity score-matched study. <i>HIP International</i> , 2020, , 112070002097465.	0.9	3
2032	Revision total knee arthroplasty longer term outcome and comparison between infection and aseptic loosening at mean follow-up of 10 years. <i>Journal of Orthopaedics, Trauma and Rehabilitation</i> , 2020, , 221049172097183.	0.1	0
2033	Rasch Analysis for the Knee Injury and Osteoarthritis Outcome Score Joint Replacement Version in Individuals Awaiting Total Knee Replacement Surgery. <i>Journal of Knee Surgery</i> , 2022, 35, 150-158.	0.9	1
2034	A symmetric anchor designed barbed suture versus conventional interrupted sutures in total knee arthroplasty: A multicenter, randomized controlled trial. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902096568.	0.4	8
2035	Utilization of shoulder arthroplasty in the United States – An analysis of current trends and future predictions. <i>Seminars in Arthroplasty</i> , 2020, 30, 200-209.	0.3	20
2036	High mortality following revision hip arthroplasty for periprosthetic femoral fracture. <i>Bone and Joint Journal</i> , 2020, 102-B, 1670-1674.	1.9	33
2037	TiB Nanowhisker Reinforced Titanium Matrix Composite with Improved Hardness for Biomedical Applications. <i>Nanomaterials</i> , 2020, 10, 2480.	1.9	12
2038	Does Adherence to Preoperative Surgical Selection Criteria Reduce the Rate of Prosthetic Joint Infection in Primary and Revision Total Knee Arthroplasties?. <i>Arthroplasty Today</i> , 2020, 6, 410-413.	0.8	10
2039	Early Outcome Comparison of the Posterior Approach and the Superior Approach for Primary Total Hip Arthroplasty. <i>Arthroplasty Today</i> , 2020, 6, 508-512.	0.8	5
2040	Oxidized Zirconium Total Knee Arthroplasty Implant Failure in a Patient With Knee Instability. <i>Arthroplasty Today</i> , 2020, 6, 552-555.	0.8	8
2041	Extra-Articular Impingement at the Anterior Inferior Iliac Spine: A Cause of Refractory Periarticular Pain After Total Hip Arthroplasty. <i>Arthroplasty Today</i> , 2020, 6, 845-849.	0.8	2



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2043	Is Routine Hemoglobin Monitoring Necessary after Elective Hip and Knee Arthroplasty?. <i>Arthroplasty Today</i> , 2020, 6, 803-806.	0.8	2
2044	Accuracy of collagen fibre estimation under noise using directional MR imaging. <i>Computerized Medical Imaging and Graphics</i> , 2020, 86, 101796.	3.5	1
2045	Predictors of hyponatremia following elective primary unilateral knee arthroplasty at a tertiary centre: A retrospective observational cohort and predictive model. <i>Journal of Orthopaedics</i> , 2020, 21, 491-495.	0.6	2
2046	Is Patient-reported Penicillin Allergy Independently Associated with Increased Risk of Prosthetic Joint Infection After Total Joint Arthroplasty of the Hip, Knee, and Shoulder?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2699-2709.	0.7	21
2047	Multiple failures of internal fixation for treatment of periprosthetic femoral refracture: a case report and literature review. <i>Journal of International Medical Research</i> , 2020, 48, 030006052095897.	0.4	0
2048	Gait mechanics are influenced by quadriceps strength, age, and sex after total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1523-1532.	1.2	8
2049	Antibacterial Effect of the Controlled Nanoscale Precipitates Obtained by Different Heat Treatment Schemes with a Ti-7.5Mo-5Cu Alloy. <i>ACS Applied Bio Materials</i> , 2020, 3, 6145-6154.	2.3	5
2050	Digital Measurement of Individual Motor and Proprioceptive Skills in Patients with Osteoarthritis of the Knee Prior to Total Knee Replacement. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 513-520.	0.4	2
2051	Effectiveness and Safety of the Combined Use of Tranexamic Acid: A Comparative Observational Study of 1909 Cases. <i>Indian Journal of Orthopaedics</i> , 2020, 54, 165-171.	0.5	1
2052	Metaphyseal sleeves in arthroplasty of the knee. <i>Der Orthopade</i> , 2020, 50, 750-757.	0.7	2
2053	Bilateral Total Knee Arthroplasty. <i>Orthopaedic Nursing</i> , 2020, 39, 92-96.	0.2	4
2054	Bone Marrow Edema at Dual-Energy CT: A Game Changer in the Emergency Department. <i>Radiographics</i> , 2020, 40, 859-874.	1.4	63
2055	Poor outcome of octogenarians admitted to ICU due to periprosthetic joint infections: a retrospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 304.	0.8	5
2056	Direct anterior versus mini-anterolateral approach for primary total hip arthroplasty: early postoperative outcomes and complications. <i>Arthroplasty Today</i> , 2020, 6, 257-261.	0.8	19
2057	Socioeconomic Status May Not Be a Risk Factor for Periprosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2020, 35, 1900-1905.	1.5	11
2058	Incidence and risk factors for perioperative death after revision total hip arthroplasty: a 20-year analysis. <i>HIP International</i> , 2020, , 112070002092135.	0.9	1
2059	Is revision total hip arthroplasty through the direct anterior approach feasible?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1125-1132.	1.3	12

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2060	Peri-Prosthetic Joint Infection of the Knee Causes High Levels of Psychosocial Distress: A Prospective Cohort Study. <i>Surgical Infections</i> , 2020, 21, 877-883.	0.7	30
2061	The outcomes of post-traumatic arthritis vs osteoarthritis following primary total knee arthroplasty. <i>Medicine (United States)</i> , 2020, 99, e20077.	0.4	0
2062	The burden of prosthetic hip dislocations in the United States is projected to significantly increase by 2035. <i>HIP International</i> , 2020, 31, 112070002092361.	0.9	11
2063	Improvement in Health-Related Quality of Life After Total Ankle Arthroplasty Compares Well With Other Successful Orthopaedic and Nonorthopaedic Procedures. <i>Foot and Ankle Specialist</i> , 2021, 14, 427-437.	0.5	2
2064	Validity and reliability of the Unified Classification System applied to periprosthetic femur fractures: a comparison with the Vancouver system. <i>Current Medical Research and Opinion</i> , 2020, 36, 1375-1381.	0.9	2
2065	Increased periprosthetic hip and knee infection projected from 2014 to 2035 in Taiwan. <i>Journal of Infection and Public Health</i> , 2020, 13, 1768-1773.	1.9	17
2066	Wound Complications after 2-Octyl Skin Closure Systems for Total Joint Arthroplasty. <i>Journal of Bone and Joint Infection</i> , 2020, 5, 101-105.	0.6	14
2067	Skin Closure Tape and Surgical Staples in Primary Total Knee Arthroplasty: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-6.	0.9	3
2068	Porous-coated metaphyseal sleeves and MBT implant for severe bone loss in revision total knee arthroplasty: a mean 2.4-year follow-up. <i>Arthroplasty</i> , 2020, 2, 12.	0.9	3
2069	Siâ€“Feâ€“Câ€“N Coatings for Biomedical Applications: A Combinatorial Approach. <i>Materials</i> , 2020, 13, 2074.	1.3	5
2070	Epidemiology of Revision Total Hip Arthroplasty: An Indian Experience. <i>Indian Journal of Orthopaedics</i> , 2020, 54, 608-615.	0.5	5
2071	Results of Cemented Posterior-Stabilized Total Knee Arthroplasty in Obese Patients With an Average 10-Year Follow-Up. <i>Journal of Arthroplasty</i> , 2020, 35, 2097-2100.	1.5	7
2072	Web-Based Self-Directed Exercise Program Is Cost-Effective Compared to Formal Physical Therapy After Primary Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2335-2341.	1.5	16
2073	Strain shielding for cemented hip implants. <i>Clinical Biomechanics</i> , 2020, 77, 105027.	0.5	3
2074	Are <sc>highâ€“risk</sc> patient and revision arthroplasty effective indications for <sc>closedâ€“incisional negativeâ€“pressure</sc> wound therapy after total hip or knee arthroplasty? A systematic review and <sc>metaâ€“analysis</sc>. <i>International Wound Journal</i> , 2020, 17, 1310-1322.	1.3	14
2075	Insulin-Dependent Diabetic Patients are at Increased Risk of Postoperative Hyperglycemia When Undergoing Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2375-2379.	1.5	5
2076	Why Do Revision Total Knee Arthroplasties Fail? A Single-Center Review of 1632 Revision Total Knees Comparing Historic and Modern Cohorts. <i>Journal of Arthroplasty</i> , 2020, 35, 2938-2943.	1.5	46
2077	A review on segmentation of knee articular cartilage: from conventional methods towards deep learning. <i>Artificial Intelligence in Medicine</i> , 2020, 106, 101851.	3.8	45

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2078	Direct anterior approach for femoral component revision: Surgical technique for extended trochanteric osteotomy and anterior cortical window. <i>Journal of Orthopaedics</i> , 2020, 22, 274-277.	0.6	2
2079	Biomechanical and Clinical Effect of Patient-Specific or Customized Knee Implants: A Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 1559.	1.0	20
2080	Risk Factors for Fungal Prosthetic Joint Infection. <i>Journal of Bone and Joint Infection</i> , 2020, 5, 76-81.	0.6	19
2081	The Short Form KOOS, JR Is Valid for Revision Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2543-2549.	1.5	10
2082	Barbed suture versus traditional suture in primary total knee arthroplasty. <i>Medicine (United States)</i> , 2020, 99, e19945.	0.4	7
2083	Experimental investigation of biological and mechanical properties of CoCrMo based selective laser melted metamaterials for bone implant manufacturing. <i>Procedia CIRP</i> , 2020, 89, 79-91.	1.0	9
2084	Thermal Oxide Layer Enhances Crystallinity and Mechanical Properties for Plasma-Sprayed Hydroxyapatite Biomedical Coatings. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 33465-33472.	4.0	26
2085	Coupling multi-body dynamics and fluid dynamics to model lubricated spherical joints. <i>Archive of Applied Mechanics</i> , 2020, 90, 2091-2111.	1.2	19
2086	Comparison of Tip- Versus Hub-Oscillating Saw Blade Control in a Total Knee Arthroplasty Model. <i>Journal of Arthroplasty</i> , 2020, 35, 3300-3304.	1.5	0
2087	Translating clinical and patient-reported data to tailored shared decision reports with predictive analytics for knee and hip arthritis. <i>Quality of Life Research</i> , 2021, 30, 3171-3178.	1.5	18
2088	Tibial alignment technique and its influence on clinical and functional outcomes following total knee arthroplasty. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2020, 11, S534-S538.	0.6	2
2089	Improving MRI's slice selectivity in the presence of strong, metal-derived inhomogeneities. <i>Magnetic Resonance Imaging</i> , 2020, 69, 71-80.	1.0	1
2090	Outcomes of a technique combining diaphyseal impaction grafting and metaphyseal cones for severe bone loss in revision total knee arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 116-122.	1.9	23
2091	Cementless Versus Cemented Tibial Fixation in Posterior Stabilized Total Knee Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1075-1082.	1.4	15
2092	The direct anterior approach in total hip arthroplasty: Publication trends of Asian countries on PubMed. <i>Annals of Medicine and Surgery</i> , 2020, 55, 280-286.	0.5	5
2093	Polyester Mesh Dressings Reduce Delayed Wound Healing and Reoperations Compared with Silver-Impregnated Occlusive Dressings after Knee Arthroplasty. <i>Arthroplasty Today</i> , 2020, 6, 350-353.	0.8	9
2094	Preoperative Risk Factor Screening Protocols in Total Joint Arthroplasty: A Systematic Review. <i>Journal of Arthroplasty</i> , 2020, 35, 3353-3363.	1.5	36
2095	Cementless Fixation for Total Knee Arthroplasty in Various Patient Populations: A Literature Review. <i>Journal of Knee Surgery</i> , 2020, 33, 848-855.	0.9	11

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2096	Team Approach: Same-Day Discharge of Patients Undergoing Total Joint Arthroplasty. <i>JBJS Reviews</i> , 2020, 8, e0176-e0176.	0.8	8
2097	Validation of the Oxford Knee Score and Lower Extremity Functional Score questionnaires for use in Slovenia. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1515-1522.	1.3	5
2098	The Cost of an Episode of Care in a Total Knee Arthroplasty Patient Is More Than a Total Hip Arthroplasty Patient Within an Alternative Payment Model. <i>Journal of Arthroplasty</i> , 2020, 35, 1964-1967.	1.5	4
2099	Evaluation of synovial fluid neutrophil CD64 index as a screening biomarker of prosthetic joint infection. <i>Bone and Joint Journal</i> , 2020, 102-B, 463-469.	1.9	14
2100	Patterns of cartilage loss and anterior cruciate ligament status in end-stage osteoarthritis of the knee. <i>Bone and Joint Journal</i> , 2020, 102-B, 716-726.	1.9	18
2101	2020 Mark Coventry Award: Microorganism-directed oral antibiotics reduce the rate of failure due to further infection after two-stage revision hip or knee arthroplasty for chronic infection: a multicentre randomized controlled trial at a minimum of two years. <i>Bone and Joint Journal</i> , 2020, 102-B, 3-9.	1.9	64
2102	Extended trochanteric osteotomy: improving the access and reducing the risk in revision THA. <i>EFORT Open Reviews</i> , 2020, 5, 104-112.	1.8	21
2103	Human immunodeficiency virus in total hip arthroplasty. <i>EFORT Open Reviews</i> , 2020, 5, 164-171.	1.8	14
2104	The routine use of synovial alpha-defensin is not necessary. <i>Bone and Joint Journal</i> , 2020, 102-B, 593-599.	1.9	19
2105	Is it safe for patients to drive after intra-articular knee injection?. <i>Knee</i> , 2020, 27, 690-694.	0.8	1
2106	Investigating the Effect of Perioperative Chlorzoxazone on Acute Postoperative Pain After Total Hip and Knee Replacement Surgery. <i>Clinical Journal of Pain</i> , 2020, 36, 352-358.	0.8	2
2107	Revision total knee arthroplasty versus primary total knee arthroplasty. <i>Bone &amp; Joint Open</i> , 2020, 1, 29-34.	1.1	0
2108	Correlations between radiological classification systems and confirmed cartilage loss in severe knee osteoarthritis. <i>Bone and Joint Journal</i> , 2020, 102-B, 301-309.	1.9	22
2109	Varus-valgus constraint in 416 revision total knee arthroplasties with cemented stems provides a reliable reconstruction with a low subsequent revision rate at early to mid-term review. <i>Bone and Joint Journal</i> , 2020, 102-B, 458-462.	1.9	17
2110	Patients with metabolic syndrome have a greater rate of complications after arthroplasty. <i>Bone and Joint Research</i> , 2020, 9, 120-129.	1.3	19
2111	Outcome Reporting Patterns in Total Hip Arthroplasty. <i>JBJS Reviews</i> , 2020, 8, e0197-e0197.	0.8	14
2112	Why Reintervention After Total Knee Arthroplasty Fails? A Consecutive Cohort of 1170 Surgeries. <i>Journal of Arthroplasty</i> , 2020, 35, 2550-2560.	1.5	11
2113	Metaphyseal Stem Extension Improves Tibial Stability in Cementless Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 3031-3037.	1.5	4

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2114	Patient reported outcome measures review: Are current outcomes assessment tools sensitive enough to assess the reasons for patients' unhappiness?. Journal of Arthroscopy and Joint Surgery, 2020, 7, 54-58.	0.3	1
2115	Outcomes Following Revision Total Knee Arthroplasty Septic versus Aseptic Failure: A National Propensity-Score-Matched Comparison. Journal of Knee Surgery, 2020, 34, 1227-1236.	0.9	10
2116	Laser-Induced Microgrooves Improve the Mechanical Responses of Cemented Implant Systems. Micromachines, 2020, 11, 466.	1.4	0
2117	Clostridium perfringens as an unusual cause of a prosthetic joint infection following total knee arthroplasty. IDCases, 2020, 20, e00789.	0.4	4
2118	Hip abductor tendon tears: where are we now?. HIP International, 2020, 30, 500-512.	0.9	6
2119	Does Prosthetic or Bony Impingement Occur More Often in Total Hip Arthroplasty: A Dynamic Preoperative Analysis. Journal of Arthroplasty, 2020, 35, 2501-2506.	1.5	16
2120	Investigation of corrosion behavior and surface properties of plasma sprayed HA/Sr reinforced coatings on CoCr alloys. Materials Chemistry and Physics, 2020, 253, 123330.	2.0	15
2121	Mechanical failure of 113 uncemented modular revision femoral components. Bone and Joint Journal, 2020, 102-B, 573-579.	1.9	16
2122	Outcomes of modular femoral revision implants and the effect of component design on subsidence. Bone and Joint Journal, 2020, 102-B, 709-715.	1.9	7
2123	Improvement of tribocorrosion behavior on titanium alloy by carbide-derived carbon (CDC). Surface and Coatings Technology, 2020, 392, 125692.	2.2	7
2124	Aseptic Loosening at the Tibia in Total Knee Arthroplasty: A Function of Cement Mantle Quality?. Journal of Arthroplasty, 2020, 35, S190-S196.	1.5	40
2125	Opioid Use After Discharge Following Primary Unilateral Total Hip Arthroplasty: How Much Are We Overprescribing?. Journal of Arthroplasty, 2020, 35, S226-S230.	1.5	10
2126	Opioid Use After Discharge Following Primary Unilateral Total Knee Arthroplasty: How Much Are We Over-Prescribing?. Journal of Arthroplasty, 2020, 35, S158-S162.	1.5	13
2127	Recovery of activity level following total hip arthroplasty in patients less than 60 years of age. HIP International, 2020, 31, 112070002091191.	0.9	9
2128	Comparison of Inflammatory Effects in THP-1 Monocytes and Macrophages after Exposure to Metal Ions. Materials, 2020, 13, 1150.	1.3	11
2129	The Association of Race/Ethnicity and Total Knee Arthroplasty Outcomes in a Universally Insured Population. Journal of Arthroplasty, 2020, 35, 1474-1479.	1.5	64
2130	Reliability, responsiveness, and validity of handheld dynamometry for assessing quadriceps strength in total knee arthroplasty. Disability and Rehabilitation, 2020, 43, 1-8.	0.9	5
2131	Monocyte metabolic reprogramming promotes pro-inflammatory activity and Staphylococcus aureus biofilm clearance. PLoS Pathogens, 2020, 16, e1008354.	2.1	49

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2132	Short-term results of a new self-locking cementless femoral stem: a prospective cohort study of the Lima MasterSL. <i>Musculoskeletal Surgery</i> , 2021, 105, 257-264.	0.7	1
2133	Movement pattern biofeedback training after total knee arthroplasty: Randomized clinical trial protocol. <i>Contemporary Clinical Trials</i> , 2020, 91, 105973.	0.8	5
2134	Subsidence Following Revision Total Hip Arthroplasty Using Modular and Monolithic Components. <i>Journal of Arthroplasty</i> , 2020, 35, S299-S303.	1.5	15
2135	Changes in Expectation Fulfillment Following Total Knee Arthroplasty: A 10-Year Follow-Up Study. <i>Journal of Arthroplasty</i> , 2020, 35, 1826-1832.	1.5	17
2136	Total Knee Arthroplasty with a Ti6Al4V/PEEK Prosthesis on an Osteoarthritis Rat Model: Behavioral and Neurophysiological Analysis. <i>Scientific Reports</i> , 2020, 10, 5277.	1.6	5
2137	PENG block and LIA as a possible anesthesia technique for total hip arthroplasty. <i>Journal of Anesthesia</i> , 2020, 34, 472-475.	0.7	27
2138	Demographic Distribution of Foot and Ankle Surgeries Among Orthopaedic Surgeons and Podiatrists: A 10-Year Database Retrospective Study. <i>Foot and Ankle Specialist</i> , 2020, 14, 193864002091095.	0.5	9
2139	Virtual arthroplasty follow-up: five-year data from a district general hospital. <i>Annals of the Royal College of Surgeons of England</i> , 2020, 102, 220-224.	0.3	7
2140	Intravenous Tranexamic Acid Safely and Effectively Reduces Transfusion Rates in Revision Total Knee Arthroplasties. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 381-387.	1.4	11
2141	Proximal Femur Chondrosarcoma Misdiagnosed as Hip Arthritis. <i>JBJS Case Connector</i> , 2020, 10, e0324-e0324.	0.1	2
2142	Enterobacter cloacae Periprosthetic Joint Infection After Bariatric Surgical Anastomotic Leak. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2020, 4, e19.00095.	0.4	1
2143	Debridement, Antibiotics and Implant Retention for Hip Periprosthetic Joint Infection: Analysis of Implant Survival after Cure of Infection. <i>Journal of Bone and Joint Infection</i> , 2020, 5, 35-42.	0.6	4
2144	Ability of adhesion and biofilm formation of pathogens of periprosthetic joint infections on titanium-niobium nitride (TiNbN) ceramic coatings. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 90.	0.9	15
2145	Biofunctionalization of selective laser melted porous titanium using silver and zinc nanoparticles to prevent infections by antibiotic-resistant bacteria. <i>Acta Biomaterialia</i> , 2020, 107, 325-337.	4.1	82
2146	A safer, less costly SSI prevention protocol—Universal versus targeted preoperative decolonization. <i>American Journal of Infection Control</i> , 2020, 48, 1501-1503.	1.1	5
2147	Effect of total hip arthroplasty on brake reaction time and braking force. <i>HIP International</i> , 2020, , 112070002093663.	0.9	2
2148	Concomitant Malnutrition and Frailty Are Uncommon, but Significant Risk Factors for Mortality and Complication Following Primary Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2878-2885.	1.5	20
2149	Extremes of body mass index have significant impact on complications, readmissions, and utilization of post-acute services after primary total hip arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 62-70.	1.9	8

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2151	Preoperative vitamin D level does not affect the short-term functional outcome after total knee arthroplasty in elderly women. <i>Knee Surgery and Related Research</i> , 2020, 32, 30.	1.8	4
2152	The etiology of revision total hip arthroplasty: current trends in a retrospective survey of 3450 cases. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1265-1273.	1.3	19
2153	Tourniquet and tranexamic acid use in total knee arthroplasty. <i>Arthroplasty Today</i> , 2020, 6, 246-250.	0.8	15
2154	Combined Malnutrition and Frailty Significantly Increases Complications and Mortality in Patients Undergoing Elective Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2488-2494.	1.5	28
2155	Incidence and risk factors associated with postoperative delirium following primary elective total hip arthroplasty: a retrospective nationwide inpatient sample database study. <i>BMC Psychiatry</i> , 2020, 20, 343.	1.1	20
2156	Total Joint Arthroplasty Volume in the Military Health System. <i>Military Medicine</i> , 2020, 185, e1051-e1056.	0.4	2
2157	Instability After All-Cause Acetabular-Only Revision Total Hip Arthroplasty Remains a Clinical Problem. <i>Journal of Arthroplasty</i> , 2020, 35, 3249-3253.	1.5	9
2158	Why are patients dissatisfied following a total knee replacement? A systematic review. <i>International Orthopaedics</i> , 2020, 44, 1971-2007.	0.9	59
2159	Acetabular Revision With Intramedullary and Extramedullary Iliac Fixation for Pelvic Discontinuity. <i>Journal of Arthroplasty</i> , 2020, 35, 3679-3685.e1.	1.5	6
2160	Promising results of revision total hip arthroplasty using a hexagonal, modular, tapered stem in cases of aseptic loosening. <i>PLoS ONE</i> , 2020, 15, e0233035.	1.1	6
2161	The combination of silver-containing hydroxyapatite coating and vancomycin has a synergistic antibacterial effect on methicillin-resistant <i>Staphylococcus aureus</i> biofilm formation. <i>Bone and Joint Research</i> , 2020, 9, 211-218.	1.3	14
2162	Failure at the femoral stem extension-condylar interface in a rotating hinge knee without radiographic evidence of loosening. <i>Arthroplasty Today</i> , 2020, 6, 36-40.	0.8	4
2163	Orthopaedic Surgery Elicits a Systemic Anti-Inflammatory Signature. <i>Journal of Clinical Medicine</i> , 2020, 9, 2123.	1.0	13
2165	Morbid Obesity Is a Risk Factor for Infection Recurrence Following Debridement, Antibiotics, and Implant Retention for Periprosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2020, 35, 3710-3715.	1.5	14
2166	Risk of Prosthetic Joint Infection Increases Following Early Aseptic Revision Surgery of Total Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 3661-3667.	1.5	31
2167	Short-term results of triathlon cementless versus cemented primary total knee arthroplasty. <i>Knee</i> , 2020, 27, 1248-1255.	0.8	18
2168	No clinical benefit from gender-specific total knee replacement implants: a systematic review. <i>Sicot-j</i> , 2020, 6, 25.	0.8	11

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2169	RSA-tested TKA Implants on Average Have Lower Mean 10-year Revision Rates Than Non-RSA-tested Designs. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1232-1241.	0.7	18
2170	Reducing Hospital Length of Stay for Total Joint Arthroplasty Patients: Effects of Extended Physical Therapy Staffing and Day of Surgery Evaluations. <i>Journal of Acute Care Physical Therapy</i> , 2020, 11, 162-168.	0.0	1
2171	Periprosthetic Joint Infection in Patients Who Have Multiple Prostheses in Place. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1160-1168.	1.4	15
2172	Vitamin D as a Preoperative Clinical Predictor for Prosthetic Joint Infection. <i>JBJS Journal of Orthopaedics for Physician Assistants</i> , 2020, 8, e0045-e0045.	0.0	1
2173	Increases in Subdural Hematoma with an Aging Population—the Future of American Cerebrovascular Disease. <i>World Neurosurgery</i> , 2020, 141, e166-e174.	0.7	27
2174	Barriers to Revision Total Hip Service Lines: A Surgeon's Perspective Through a Deterministic Financial Model. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1657-1666.	0.7	12
2175	Titanium Alloys, Including Nitinol. , 2020, , 229-247.		4
2176	CoCr Alloys. , 2020, , 257-269.		3
2177	Diagnosis and Prevention of Periprosthetic Joint Infections. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2020, 28, e340-e348.	1.1	66
2178	Computational framework for population-based evaluation of TKR-implanted patellofemoral joint mechanics. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1309-1317.	1.4	5
2179	Does Regional Anesthesia Reduce Complications Following Total Hip and Knee Replacement Compared With General Anesthesia? An Analysis From the National Joint Registry for England, Wales, Northern Ireland and the Isle of Man. <i>Journal of Arthroplasty</i> , 2020, 35, 1521-1528.e5.	1.5	24
2180	Association of the Intensive Lifestyle Intervention With Total Knee Replacement in the Look AHEAD (Action for Health in Diabetes) Clinical Trial. <i>Journal of Arthroplasty</i> , 2020, 35, 1576-1582.	1.5	7
2181	Perceived occurrence of an adverse event affects patient-reported outcomes after total hip replacement. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 118.	0.8	4
2182	The Value of Routine Intravenous Tranexamic Acid in Total Hip Arthroplasty: A Preliminary Study. <i>Advances in Orthopedics</i> , 2020, 2020, 1-5.	0.4	3
2183	Modulating antibiotic release from reservoirs in 3D-printed orthopedic devices to treat periprosthetic joint infection. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2239-2249.	1.2	11
2184	Risk score for major complications after total hip arthroplasty: the beneficial effect of neuraxial anesthesia. A retrospective observational study. <i>Current Orthopaedic Practice</i> , 2020, 31, 156-161.	0.1	3
2185	Higher Component Malposition Rates with Patient-Specific Cruciate Retaining TKA than Contemporary Posterior Stabilized TKA. <i>Journal of Knee Surgery</i> , 2021, 34, 1085-1091.	0.9	8
2186	The association between chronic pain and central sensitization following total knee replacement: A retrospective cohort study. <i>Current Orthopaedic Practice</i> , 2020, 31, 151-155.	0.1	1



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2187	Preoperative hyponatremia is an independent risk factor for postoperative complications in aseptic revision hip and knee arthroplasty. <i>Journal of Orthopaedics</i> , 2020, 20, 224-227.	0.6	7
2188	Factors Determining Home versus Rehabilitation Discharge Following Primary Total Joint Arthroplasty for Patients Who Live Alone. <i>Geriatrics (Switzerland)</i> , 2020, 5, 7.	0.6	10
2189	Running-in friction of hip joint replacements can be significantly reduced: The effect of surface-textured acetabular cup. <i>Friction</i> , 2020, 8, 1137-1152.	3.4	26
2190	Projections and Epidemiology of Revision Hip and Knee Arthroplasty in the United States to 2030. <i>Journal of Arthroplasty</i> , 2020, 35, S79-S85.	1.5	344
2191	Achieving discharge within 24h of robotic unicompartmental knee arthroplasty may be possible with appropriate patient selection and a multi-disciplinary team approach. <i>Journal of Orthopaedics</i> , 2020, 19, 223-228.	0.6	3
2192	Prognostic risk factors of surgical site infection after primary joint arthroplasty. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT /Overlo</i>	0.4	17
2193	Variation in ligamentous laxity in well-functioning total knee arthroplasty is not associated with clinical outcomes or functional ability. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 827-833.	0.6	3
2194	Preoperative Risk Factor Optimization Lowers Hospital Length of Stay and Postoperative Emergency Department Visits in Primary Total Hip and Knee Arthroplasty Patients. <i>Journal of Arthroplasty</i> , 2020, 35, 1508-1515.e2.	1.5	52
2195	Challenges to Implementing Total Joint Replacement Programs in Developing Countries. <i>Orthopedic Clinics of North America</i> , 2020, 51, 131-139.	0.5	9
2196	A comparative study of cell growth on a cold sprayed Ti-Ta composite. <i>Journal of Alloys and Compounds</i> , 2020, 826, 154014.	2.8	11
2197	Chronic preoperative corticosteroid use is not associated with surgical site infection following revision total knee arthroplasty. <i>Journal of Orthopaedics</i> , 2020, 20, 173-176.	0.6	5
2198	Does the Impact of Joint Arthroplasty Extend Beyond the Patient? The Effect of Total Joint Arthroplasty on Patient's Significant Others. <i>Journal of Arthroplasty</i> , 2020, 35, S129-S132.	1.5	2
2199	In Vivo Knee Kinematics for a Cruciate Sacrificing Total Knee Arthroplasty Having Both a Symmetrical Femoral and Tibial Component. <i>Journal of Arthroplasty</i> , 2020, 35, 1712-1719.	1.5	16
2200	A simple nomogram for predicting early complications in patients after primary knee arthroplasty. <i>Knee</i> , 2020, 27, 518-526.	0.8	4
2201	Patient-related risk factors for unplanned 30-day readmission following total knee arthroplasty: a narrative literature review. <i>ANZ Journal of Surgery</i> , 2020, 90, 1253-1258.	0.3	10
2202	The impact of mobilization on hip osteoarthritis. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2020, 33, 817-822.	0.4	2
2203	Is Iron Deficiency Anemia a Risk Factor for Poorer Outcomes in Primary Total Knee Arthroplasty?. <i>Journal of Arthroplasty</i> , 2020, 35, 1252-1256.	1.5	21
2204	Long-Term Outcome Following Revision Total Knee Arthroplasty is Associated With Indication for Revision. <i>Journal of Arthroplasty</i> , 2020, 35, 1671-1677.	1.5	17

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2205	Patellar facet ratio affects knee pain, stair climbing and stair descent after TKA without patellar resurfacing. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3796-3804.	2.3	6
2206	Overview of Randomized Controlled Trials in Total Knee Arthroplasty (47,675 Patients): What Have We Learnt?. <i>Journal of Arthroplasty</i> , 2020, 35, 1729-1736.e1.	1.5	21
2207	Adoption of new medical technologies: The effects of insurance coverage vs continuing medical education. <i>Health Policy and Technology</i> , 2020, 9, 39-41.	1.3	2
2208	Patient-Reported Outcomes Measurement Information System (PROMIS) Global Health Short Forms Demonstrate Responsiveness in Patients Undergoing Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1540-1544.	1.5	50
2209	A Comparison of Risk of Dislocation and Cause-Specific Revision Between Direct Anterior and Posterior Approach Following Elective Cementless Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1651-1657.	1.5	67
2210	Does Femoral Component Cementation Affect Costs or Clinical Outcomes After Hip Arthroplasty in Medicare Patients?. <i>Journal of Arthroplasty</i> , 2020, 35, 1489-1496.e4.	1.5	11
2211	Postsurgical Neuropathy: A Descriptive Review. <i>Mayo Clinic Proceedings</i> , 2020, 95, 355-369.	1.4	8
2212	Survivorship and Radiological Analysis of a Monoblock, Hydroxyapatite-Coated Titanium Stem in Revision Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1678-1685.	1.5	8
2213	Revisiting the role of isolated polyethylene exchange for aseptic failures in total knee arthroplasty. <i>Knee</i> , 2020, 27, 958-962.	0.8	4
2214	Continuous versus single shot adductor canal block for postoperative pain relief after total knee arthroplasty. <i>Medicine (United States)</i> , 2020, 99, e19918.	0.4	2
2215	An invited commentary on: Lingering risk: A meta-analysis of outcomes following primary total knee arthroplasty for patients with post-traumatic arthritis. <i>International Journal of Surgery</i> , 2020, 78, 103.	1.1	1
2216	Predictors and Characteristics of Opioid Utilization >15 Days Following Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2027-2032.	1.5	8
2217	Is Benign Prostatic Hyperplasia a Perpetrator for Periprosthetic Joint Infection?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, e31.	1.4	0
2218	Outpatient, Home-Based Physical Therapy Promotes Decreased Length of Stay and Post-Acute Resource Utilization After Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1968-1972.	1.5	12
2219	Routine Preoperative Group Crossmatching and Postoperative Check Hemoglobin Is not Necessary in Patients Undergoing Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2021, 34, 1359-1367.	0.9	1
2220	Prospective pilot study to identify psychological factors influencing peri-operative pain in total knee arthroplasty (TKA). <i>International Orthopaedics</i> , 2020, 44, 1271-1280.	0.9	1
2221	A Large-Scale Fifteen-Year Minimum Survivorship of a Cementless Triple Tapered Femoral Stem. <i>Journal of Arthroplasty</i> , 2020, 35, 2161-2166.	1.5	7
2222	Preexisting Opioid Use Disorder and Outcomes After Lower Extremity Arthroplasty: A Multistate Analysis, 2007-2014. <i>Pain Medicine</i> , 2020, 21, 3624-3634.	0.9	3

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2225	Disparities in Hip Arthroplasty Outcomes: Results of a Statewide Hospital Registry From 2016 to 2018. <i>Journal of Arthroplasty</i> , 2020, 35, 1776-1783.e1.	1.5	17
2226	Knee or Spine Surgery First? A Survey of Treatment Order for Patients With Concurrent Degenerative Knee and Lumbar Spinal Disorders. <i>Journal of Arthroplasty</i> , 2020, 35, 2039-2043.	1.5	8
2227	Development of Machine Learning Algorithms to Predict Clinically Meaningful Improvement for the Patient-Reported Health State After Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2119-2123.	1.5	52
2228	Providing Patient Mobilization With a Mobility Technician Improves Staff Efficiency and Constrains Cost in Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1973-1978.	1.5	4
2229	The results of a stepwise implementation of a fast-track program in total hip and knee replacement patients. <i>Journal of Orthopaedics</i> , 2020, 21, 100-108.	0.6	6
2230	Fast Return to Sports and High Level of Activity after Cementless Oxford Unicompartmental Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2021, 34, 1212-1219.	0.9	8
2231	Comparison of the Primary Stability of Porous Tantalum and Titanium Acetabular Revision Constructs. <i>Materials</i> , 2020, 13, 1783.	1.3	9
2232	Midterm Results of a Contemporary, Porous-Coated Acetabular System in Patients Undergoing Primary Total Hip Replacement for Degenerative Hip Disease: A Prospective, Multicenter Study. <i>Journal of Arthroplasty</i> , 2020, 35, 1862-1867.	1.5	5
2233	The most influential papers in direct anterior approach to total hip arthroplasty. <i>Arthroplasty Today</i> , 2020, 6, 190-195.	0.8	4
2234	Self-defensive antimicrobial biomaterial surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 110989.	2.5	20
2235	A commentary on "A retrospective study comparing a single surgeon's experience on manual versus robot-assisted total hip arthroplasty after the learning curve of the latter procedure, a cohort study". <i>International Journal of Surgery</i> , 2020, 78, 86.	1.1	0
2236	Impact of Laser Structuring on Medical-Grade Titanium: Surface Characterization and In Vitro Evaluation of Osteoblast Attachment. <i>Materials</i> , 2020, 13, 2000.	1.3	9
2237	Prosthetic joint infection due to <i>Candida</i> species. <i>Medicine (United States)</i> , 2020, 99, e19735.	0.4	14
2238	Accuracy and precision in resection alignment: Insights from 10,144 clinical cases using a contemporary computer-assisted total knee arthroplasty system. <i>Knee</i> , 2020, 27, 1010-1017.	0.8	9
2239	Does Age Influence Patient-Reported Outcomes in Unilateral Primary Total Hip and Knee Arthroplasty?. <i>Journal of Arthroplasty</i> , 2020, 35, 1800-1805.	1.5	22
2240	Patient Characteristics and Surgical Start Time Affect Length of Stay Following Anterior Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2114-2118.	1.5	8
2241	Candidacy for medial unicompartmental knee replacement declines with age. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2020, 106, 443-447.	0.9	4
2242	Physical activity, pain interference and comorbidities relate to PROMIS physical function in younger adults following total knee arthroplasty. <i>Disability and Rehabilitation</i> , 2021, 43, 3741-3747.	0.9	10

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2244	<i>Neisseria meningitidis</i> as a Cause of Septic Arthritis: An Unusual Case of Periprosthetic Joint Infection. <i>Case Reports in Infectious Diseases</i> , 2020, 2020, 1-3.	0.2	2
2245	The effects and safety of telerehabilitation in patients with lower-limb joint replacement: A systematic review and narrative synthesis. <i>Journal of Telemedicine and Telecare</i> , 2022, 28, 96-114.	1.4	28
2246	Using artificial intelligence to examine online patient reviews. <i>Journal of Health Psychology</i> , 2021, 26, 2424-2434.	1.3	3
2247	Prevalence of <i>Staphylococcus aureus</i> colonization in patients for total joint arthroplasty in South Africa. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 123.	0.9	3
2248	Symptomatic Benign Prostatic Hyperplasia. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 543-549.	1.4	12
2249	Robotic-Assisted Knee Arthroplasty (RAKA): The Technique, the Technology and the Transition. <i>Indian Journal of Orthopaedics</i> , 2020, 54, 745-756.	0.5	9
2250	Have Total Hip Arthroplasty Operative Times Changed Over the Past Decade? An Analysis of 157,574 Procedures. <i>Journal of Arthroplasty</i> , 2020, 35, 2101-2108.e8.	1.5	8
2251	High-Risk Prescribing Increases Rates of New Persistent Opioid Use in Total Hip Arthroplasty Patients. <i>Journal of Arthroplasty</i> , 2020, 35, 2472-2479.e2.	1.5	17
2252	Predictive models for identifying risk of readmission after index hospitalization for hip arthroplasty: A systematic review. <i>Journal of Orthopaedics</i> , 2020, 22, 73-85.	0.6	8
2253	Experimental and Finite Element Wear Study of Silicon Nitride Against Alumina for Hip Implants with Bio-Lubricant for Various Gait Activities. <i>Silicon</i> , 2021, 13, 633-644.	1.8	10
2255	Changes in knee adduction moment wearing a variable stiffness shoe correlate with changes in pain and mechanically stimulated cartilage oligomeric matrix levels. <i>Journal of Orthopaedic Research</i> , 2021, 39, 619-627.	1.2	8
2256	Reliability and minimal detectable change of the 2-minute walk test and Timed Up and Go test in patients with total hip arthroplasty. <i>HIP International</i> , 2021, 31, 43-49.	0.9	18
2257	Community Deprivation Index and Discharge Destination After Elective Hip Replacement. <i>Arthritis Care and Research</i> , 2021, 73, 531-539.	1.5	17
2258	Higher age, female gender, osteoarthritis and blood transfusion protect against periprosthetic joint infection in total hip or knee arthroplasties: a systematic review and meta-analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 8-43.	2.3	45
2259	Experiences of pre- and postoperative information among patients undergoing knee arthroplasty: a systematic review and narrative synthesis. <i>Disability and Rehabilitation</i> , 2021, 43, 150-162.	0.9	16
2260	Reliability and precision of single frequency bioelectrical impedance assessment of lower extremity swelling following total knee arthroplasty. <i>Physiotherapy Theory and Practice</i> , 2021, 37, 197-203.	0.6	5
2261	Incidental findings detected on preoperative CT imaging obtained for robotic-assisted joint replacements: clinical importance and the effect on the scheduled arthroplasty. <i>Skeletal Radiology</i> , 2021, 50, 1151-1161.	1.2	6

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2262	What Are the Reasons and Risk Factors for 30-Day Readmission After Outpatient Total Hip Arthroplasty?. <i>Journal of Arthroplasty</i> , 2021, 36, S258-S263.e1.	1.5	14
2263	Bone morphogenetic protein $\alpha$ 2 delivery from polyelectrolyte multilayers enhances osteogenic activity on nanostructured titania. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1173-1182.	2.1	10
2264	Preoperative Anemia Independently Predicts Significantly Increased Odds of Short-Term Complications Following Aseptic Revision Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 1719-1728.	1.5	15
2265	A Case Complexity Modifier Is Warranted for Primary Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 37-41.	1.5	4
2266	Imaging of Periprosthetic Fractures of the Hip and Knee. <i>Seminars in Roentgenology</i> , 2021, 56, 90-105.	0.2	2
2267	Success Rates of Debridement, Antibiotics, and Implant Retention in 230 Infected Total Knee Arthroplasties: Implications for Classification of Periprosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2021, 36, 305-310.e1.	1.5	35
2268	Modern Revision Femoral Stem Designs Have No Difference in Rates of Subsidence. <i>Journal of Arthroplasty</i> , 2021, 36, 268-273.	1.5	16
2269	Total Hip Arthroplasty Revision Surgery: Impact of Morbidity on Perioperative Outcomes. <i>Journal of Arthroplasty</i> , 2021, 36, 676-681.	1.5	7
2270	Efficacy of intravenous tranexamic acid administration inÂrevision hip arthroplasty. <i>Der Orthopade</i> , 2021, 50, 464-470.	0.7	3
2271	Clinical and Patient-Reported Outcomes of Medial Stabilized Versus NonÂMedial Stabilized Prostheses in Total Knee Arthroplasty: A Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> , 2021, 36, 767-776.e2.	1.5	17
2272	Current Trends and Projected Burden of Primary and Revision Total Knee Arthroplasty in Korea Between 2010 and 2030. <i>Journal of Arthroplasty</i> , 2021, 36, 93-101.	1.5	24
2273	The Potential Value of Performing Preoperative Urinalysis Prior to Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 118-121.	1.5	2
2274	Residentsâ™ Learning Curve of Total Knee Arthroplasty Based on Radiological Outcome Parameters: A Retrospective Comparative Study. <i>Journal of Arthroplasty</i> , 2021, 36, 154-159.	1.5	10
2275	The cement-in-cement technique is a reliable option in hip arthroplasty revision surgery: a systematic review. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 7-22.	0.6	9
2276	Timing of Readmissions After Elective Total Hip and Knee Arthroplasty: Does a 30-Day All-Cause Rate Capture Surgically Relevant Readmissions?. <i>Journal of Arthroplasty</i> , 2021, 36, 728-733.	1.5	1
2277	Orthopedic Surgery and Anesthesiology Surgical Improvement Strategies Project: Phase I Outcomes. <i>Journal of Arthroplasty</i> , 2021, 36, 823-829.	1.5	7
2278	Robotic-Assisted Total Knee Arthroplasty: An Assessment of Content, Quality, and Readability of Available Internet Resources. <i>Journal of Arthroplasty</i> , 2021, 36, 946-952.	1.5	5
2279	Bilateral total knee arthroplasty: Simultaneous versus staging in the same or in twice hospitalization. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2021, 14, 59-64.	0.6	5

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2280	Identification of prosthetic hip and knee joint infections using administrative databases—A validation study. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 325-330.	1.0	7
2281	Nationwide Analysis of Lower Extremity Periprosthetic Fractures. <i>Journal of Arthroplasty</i> , 2021, 36, 317-324.	1.5	6
2282	The effect of albumin and $\gamma$ -globulin on synovial fluid lubrication: Implication for knee joint replacements. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 113, 104117.	1.5	14
2283	1.5-Stage Exchange Arthroplasty for Total Knee Arthroplasty Periprosthetic Joint Infections. <i>Journal of Arthroplasty</i> , 2021, 36, 1114-1119.	1.5	23
2284	Revisions for Periprosthetic Hip Infections Do Not Fail More Than Revisions for Aseptic Loosening, but Mortality is Higher. <i>Journal of Arthroplasty</i> , 2021, 36, 1074-1079.	1.5	6
2285	Effect of surface deformation on biocompatibility of biomedical alloys. <i>Materials Science and Engineering C</i> , 2021, 119, 111636.	3.8	3
2286	Alendronate enhances osseointegration in a murine implant model. <i>Journal of Orthopaedic Research</i> , 2021, 39, 719-726.	1.2	10
2287	Mid-Term Clinical and Radiographic Outcomes of a Long Cementless Monobloc Stem for Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 261-267.	1.5	7
2288	Artificial Intelligence to Identify Arthroplasty Implants From Radiographs of the Knee. <i>Journal of Arthroplasty</i> , 2021, 36, 935-940.	1.5	49
2289	Preoperative Allergy Testing for Patients Reporting Penicillin and Cephalosporin Allergies is Cost-Effective in Preventing Infection after Total Knee and Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 700-704.	1.5	23
2290	Impact of Dexamethasone on Length of Stay and Early Pain Control in Direct Anterior Approach Total Hip Arthroplasty With Neuraxial Anesthesia. <i>Journal of Arthroplasty</i> , 2021, 36, 1009-1012.	1.5	5
2291	Etiology and Complications of Early Aseptic Revision Total Hip Arthroplasty Within 90 Days. <i>Journal of Arthroplasty</i> , 2021, 36, 1734-1739.	1.5	11
2292	Artificial Intelligence to Identify Arthroplasty Implants From Radiographs of the Hip. <i>Journal of Arthroplasty</i> , 2021, 36, S290-S294.e1.	1.5	64
2293	Uncemented or cemented stems in first-time revision total hip replacement? An observational study of 867 patients including assessment of femoral bone defect size. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 143-150.	1.2	9
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2304	Conical Primary Cementless Stem in Revision Hip Arthroplasty: 94 Consecutive Implantations at a Mean Follow-Up of 12.7 years. <i>Journal of Arthroplasty</i> , 2021, 36, 1080-1086.	1.5	3
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2306	Association Between Epidemiological Factors and Nonresponders to Total Joint Replacement Surgery in Primary Osteoarthritis Patients. <i>Journal of Arthroplasty</i> , 2021, 36, 1502-1510.e5.	1.5	10
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2310	Effect of Multiple Doses of Intravenous Tranexamic Acid on Perioperative Blood Loss in Total Knee Arthroplasty: A Randomized Controlled Study. <i>Orthopaedic Surgery</i> , 2021, 13, 126-133.	0.7	7
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2629	Acute Common Peroneal Nerve Decompression After Total Knee Arthroplasty. <i>Orthopedics</i> , 2021, 44, e556-e562.	0.5	3
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2659	Transient mixed lubrication model of the human knee implant. <i>Biosurface and Biotribology</i> , 2021, 7, 206-218.	0.6	4
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2661	National Trends in Total Hip Arthroplasty Bearing Surface Usage in Extremely Young Patients Between 2006 and 2016. <i>Arthroplasty Today</i> , 2021, 10, 51-56.	0.8	2
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2663	Patient Functional Status as an Indication for Primary Total Hip Arthroplasty: A Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> , 2021, , .	1.5	1
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2667	Surgeon Decision-Making for Individuals With Obesity When Indicating Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 2708-2715.e1.	1.5	21
2668	The Hospital Frailty Risk Score is Not an Accurate Predictor of Treatment Costs for Total Joint Replacement Patients in a Medicare Bundled Payment Population. <i>Journal of Arthroplasty</i> , 2021, 36, 2658-2664.e2.	1.5	1
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2670	Orthopedic disease burden in adult patients with symptomatic lumbar scoliosis: results from a prospective multicenter study. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 743-751.	0.9	1
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2677	Retrieval Analysis of Polyethylene Components in Rotating Hinge Knee Arthroplasty Implants. <i>Journal of Arthroplasty</i> , 2021, 36, 2998-3003.	1.5	7
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2679	Custom-made endofemoral sleeves in knee revision surgery: case report and technical notes. <i>LO SCALPELLO-OTODI Educational</i> , 2021, 35, 96-101.	0.1	0
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2687	Percutaneous endoscopy and cement augmentation for the treatment of postoperative aseptic loosening of total hip arthroplasty: A case report. <i>Asian Journal of Surgery</i> , 2021, 44, 1407-1409.	0.2	0
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2691	Comorbidity indices in orthopaedic surgery: a narrative review focused on hip and knee arthroplasty. <i>EFORT Open Reviews</i> , 2021, 6, 629-640.	1.8	11
2692	Current methods and treatment options for interprosthetic femur fracture: an overview. <i>LO SCALPELLO-OTODI Educational</i> , 2021, 35, 75-81.	0.1	1
2693	Comparing Complication Rates After Elective Total Knee Arthroplasty Delivered Or Purchased By The VA. <i>Health Affairs</i> , 2021, 40, 1312-1320.	2.5	9
2694	Cement use in total knee arthroplasty: 40 versus 80 grams. <i>Knee</i> , 2021, 31, 110-117.	0.8	1
2695	Non-Candida Fungal Prosthetic Joint Infections. <i>Diagnostics</i> , 2021, 11, 1410.	1.3	14
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2705	Clinical impact of component placement in manually instrumented total knee arthroplasty. <i>Bone and Joint Journal</i> , 2021, 103-B, 1449-1456.	1.9	6
2706	Risk Factors for Nonresilient Outcomes in Older Adults After Total Knee Replacement. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1915-1922.	1.7	6
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2710	Is Surgical Approach for Primary Total Hip Arthroplasty Associated With Timing, Incidence, and Characteristics of Periprosthetic Femur Fractures?. <i>Journal of Arthroplasty</i> , 2021, 36, 3305-3311.	1.5	7
2711	Trends in total elbow arthroplasty utilization in the United States from 2002 to 2017. <i>Seminars in Arthroplasty</i> , 2021, 31, 389-394.	0.3	3
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2716	Expanding Role of Technology in Rehabilitation After Lower-Extremity Joint Replacement. <i>JBJS Reviews</i> , 2021, 9, .	0.8	13
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2721	Surgical Scheduling Impacts Hospital Length of Stay and Associated Healthcare Costs for Patients Undergoing Total Hip and Knee Arthroplasty. <i>HSS Journal</i> , 2022, 18, 385-392.	0.7	1
2722	Predilection for developing a hematogenous orthopaedic implant-associated infection in older versus younger mice. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 556.	0.9	2
2723	Titanium Wear Particles Exacerbate <i>S. epidermidis</i> -Induced Implant-Related Osteolysis and Decrease Efficacy of Antibiotic Therapy. <i>Microorganisms</i> , 2021, 9, 1945.	1.6	1
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2725	Preoperative bacteriuria positivity on urinalysis increases wound complications in primary total hip arthroplasty regardless of the urine culture result. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 834.	0.8	1
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2728	Outpatient total hip and knee arthroplasty exhibit similar early complication rates to inpatient procedures. <i>Journal of Orthopaedics</i> , 2021, 27, 69-73.	0.6	5
2729	Regional Anesthesia for Total Hip Arthroplasty: Essential Anatomy, Techniques, and Current Literature Review. <i>Current Anesthesiology Reports</i> , 0, , 1.	0.9	0
2730	In vitro released characteristics of BSA lubricants from Agarose hydrogel with tunable mechanical behaviors for artificial joint applications. <i>Biotribology</i> , 2021, , 100200.	0.9	2
2731	Chronic Thrombocytopenia and In-Hospital Outcomes After Primary Total Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, 37, 19-25.e4.	1.5	3
2732	Preoperative prognostic nutritional index is useful factor for predicting postoperative delirium after primary total joint arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 778.	0.8	8
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2735	Performance of a Piezoelectric Energy Harvesting System for an Energy-Autonomous Instrumented Total Hip Replacement: Experimental and Numerical Evaluation. <i>Materials</i> , 2021, 14, 5151.	1.3	5
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2889	Revision Total Hip Arthroplasty for Paprosky Type III Acetabular Defect With Structural Allograft and Tantalum Trabecular Metal Acetabular Cup. <i>Orthopedics</i> , 2018, 41, e861-e867.	0.5	9
2890	Medicaid Reimbursement for Common Orthopedic Procedures Is Not Consistent. <i>Orthopedics</i> , 2019, 42, e193-e196.	0.5	14
2891	Continued Inpatient Care After Primary Total Shoulder Arthroplasty Is Associated With Increased Short-term Postdischarge Morbidity: A Propensity Score-adjusted Analysis. <i>Orthopedics</i> , 2019, 42, e225-e231.	0.5	5

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2893	Postdischarge Opiate-Prescribing Habits for Primary THA and TKA: A Survey of American Association of Hip and Knee Surgeons Members. <i>Orthopedics</i> , 2019, 42, 361-367.	0.5	8
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3019	Dual surgeon operating lists for complex revision arthroplasty surgery: changing orthopaedic surgical practice. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2020, 81, 1-6.	0.2	4
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3024	PJI with Sepsis, a Complex Emergency Situation with Prodromal Stage. <i>Open Journal of Orthopedics</i> , 2020, 10, 203-220.	0.0	0
3025	Recommendations for appropriate use of tranexamic acid in total hip arthroplasty. <i>Journal of Orthopaedics and Spine</i> , 2020, 8, 91.	0.1	0
3026	DeepTKAClassifier: Brand Classification of Total Knee Arthroplasty Implants Using Explainable Deep Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2020, , 154-165.	1.0	1
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3035	Introduction of Clinical Pathways in Orthopedic Surgical Care: The Experience of the Hospital for Special Surgery. , 2020, , 437-443.		0
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3055	Providing Inpatient Mobilization with a Mobility Technician Constrains Cost in Primary Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2020, , .	0.9	1
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3057	Falhas 3sseas nas revis3es de artroplastia total do joelho. <i>Revista Brasileira De Ortopedia</i> , 2021, 56, 138-146.	0.2	3
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3060	The Effects of Rheumatoid Arthritis on In-Hospital Lengths of Stay, Complications, and Costs following Primary Total Hip Arthroplasty: A Matched-Control Study. <i>The Journal of Hip Surgery</i> , 2020, 4, 110-116.	0.1	0
3061	Comparison of Precision for Manual versus Robotic-Assisted Total Hip Arthroplasty Performed by Fellows. <i>The Journal of Hip Surgery</i> , 2020, 4, 117-123.	0.1	0
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3147	Reduced Infection Rate After Aseptic Revision Total Knee Arthroplasty With Extended Oral Antibiotic Protocol. <i>Journal of Arthroplasty</i> , 2022, 37, 905-909.	1.5	19
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3175	Ultrasound-Guided Adductor Canal Block Versus Intraoperative Transarticular Saphenous Nerve Block: A Retrospective Analysis. <i>Journal of Arthroplasty</i> , 2022, 37, S134-S138.	1.5	2
3176	A Formal Same-Day Discharge Total Joint Arthroplasty Program May Not Be Necessary: A Propensity-Matched Cohort Study. <i>Journal of Arthroplasty</i> , 2022, , .	1.5	0
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3184	Pre-Operative and intra-operative considerations utilizing intramedullary nails for the treatment of tibial shaft fractures below total knee arthroplasty. <i>Journal of Orthopaedic Trauma</i> , 2022, Publish Ahead of Print, .	0.7	0
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3191	Modern Proximal Femoral Replacement in Revision Total Hip Arthroplasty for Nononcologic Indications. <i>Journal of Arthroplasty</i> , 2022, 37, S958-S963.	1.5	1
3192	Prediction of 90-Day Local Complications in Patients After Total Knee Arthroplasty: A Nomogram With External Validation. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712110733.	0.8	3
3193	Cemented Versus Noncemented Total Knee Arthroplasty Outcomes. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2022, 30, 273-280.	1.1	7
3194	The Association of Cannabis Use Disorder and Perioperative Complications After Primary Total Knee Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2022, 30, 313-320.	1.1	13
3195	The Impact of Patient Resilience on Discharge After Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, 37, S493-S497.	1.5	5

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3197	The learning curve associated with imageless navigation in total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 1013-1019.	1.3	3
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3203	The real results of total knee arthroplasty in moderate-to-severe osteoarthritis: a 1-year cohort study. <i>Minerva Orthopedics</i> , 2022, 73, .	0.1	0
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3205	Does Total Hip Arthroplasty Affect Spinopelvic and Spinal Alignment?. <i>Clinical Spine Surgery</i> , 2022, 35, E627-E635.	0.7	7
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3208	Adverse Events Associated With Robotic-Assisted Joint Arthroplasty: An Analysis of the US Food and Drug Administration MAUDE Database. <i>Journal of Arthroplasty</i> , 2022, 37, 1526-1533.	1.5	7
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3659	Introductory Chapter: Past, Present, and Future of Joint Reconstructive Surgery. , 0, , .		0
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3661	Promising applications of D-amino acids in periprosthetic joint infection. <i>Bone Research</i> , 2023, 11, .	5.4	8
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