

Brian P Chalmers

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,323
citations

394421

19
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395702

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all docs

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docs citations

69
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyethylene Components in Primary Total Knee Arthroplasty: A Comprehensive Overview of Fixed Bearing Design Options. <i>Journal of Knee Surgery</i> , 2022, 35, 1401-1408.	1.6	7
2	Highly cross-linked polyethylene in primary total knee arthroplasty is associated with a lower rate of revision for aseptic loosening: a meta-analysis of 962,467 cases. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 1177-1184.	2.4	13
3	Use of elevated liners in primary total hip arthroplasty: a systematic review of the literature. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2022, 32, 587-594.	1.4	4
4	Avoiding Femoral Canal Instrumentation in Computer-Assisted Total Knee Arthroplasty With Contemporary Blood Management Had Minimal Differences in Blood Loss and Transfusion Rates Compared to Conventional Techniques. <i>Journal of Arthroplasty</i> , 2022, , .	3.1	0
5	Posterior Tibial Slope in Computer-Navigated Total Knee Arthroplasty: The Transmalleolar Sagittal Axis Underestimates Slope Compared to Traditional Intramedullary Axis. <i>Journal of Arthroplasty</i> , 2022, 37, S207-S210.	3.1	5
6	A Mid-Level Constrained Insert Reduces Coupled Axial Rotation but Not Coronal Mid-Flexion Laxity Induced by Joint Line Elevation in Posterior-Stabilized Total Knee Arthroplasty: A Computational Study. <i>Journal of Arthroplasty</i> , 2022, 37, S364-S370.e1.	3.1	4
7	Simultaneous Bilateral Total Hip Arthroplasty With Contemporary Blood Management is Associated With a Low Risk of Allogeneic Blood Transfusion. <i>Journal of Arthroplasty</i> , 2022, 37, 544-548.	3.1	4
8	The Effect of Preoperative Tramadol Use on Postoperative Opioid Prescriptions After Primary Total Hip and Knee Arthroplasty: An Institutional Experience of 11,000 Patients. <i>Journal of Arthroplasty</i> , 2022, , .	3.1	1
9	Survivorship and Risk Factors for Re-Revision after Aseptic Revision Total Hip Arthroplasty in Patients Aged ≥55 Years. <i>Journal of Arthroplasty</i> , 2022, 37, 1626-1630.	3.1	4
10	Liquid Phase 3D Printing: How This New Technology Can Help Bring 3D Printing to the Operating Room. <i>Current Reviews in Musculoskeletal Medicine</i> , 2022, 15, 213.	3.5	0
11	Reduction of Opioids Prescribed Upon Discharge After Total Knee Arthroplasty Significantly Reduces Consumption: A Prospective Study Comparing Two States. <i>Journal of Arthroplasty</i> , 2021, 36, 160-163.	3.1	11
12	Simultaneous Bilateral Primary Total Knee Arthroplasty With TXA and Restrictive Transfusion Protocols: Still a 1 in 5 Risk of Allogeneic Transfusion. <i>Journal of Arthroplasty</i> , 2021, 36, 1318-1321.	3.1	11
13	Is There a Synergistic Effect of Topical Plus Intravenous Tranexamic Acid Versus Intravenous Administration Alone on Blood Loss and Transfusions in Primary Total Hip and Knee Arthroplasties?. <i>Arthroplasty Today</i> , 2021, 7, 194-199.	1.6	11
14	Nonconcentric and Irregular Dislocations of Total Hip Arthroplasties: Radiographic Analysis and Review of the Literature. <i>Journal of Emergency Medicine</i> , 2021, 60, 451-459.	0.7	3
15	Early Survivorship of Newly Designed Highly Porous Metaphyseal Tibial Cones in Revision Total Knee Arthroplasty. <i>Arthroplasty Today</i> , 2021, 8, 5-10.	1.6	16
16	Simulation of preoperative flexion contracture in a computational model of total knee arthroplasty: Development and evaluation. <i>Journal of Biomechanics</i> , 2021, 120, 110367.	2.1	5
17	Additional distal femoral resection increases mid-flexion coronal laxity in posterior-stabilized total knee arthroplasty with flexion contracture. <i>Bone and Joint Journal</i> , 2021, 103-B, 87-93.	4.4	15
18	Blood management in direct anterior versus posterior primary total hip arthroplasty using tranexamic acid: a matched cohort study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, , 1.	2.4	5

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19	Manipulation under anaesthesia after primary total knee arthroplasty. Bone and Joint Journal, 2021, 103-B, 126-130.	4.4	3
20	Periprosthetic Femur Fractures After Total Hip Arthroplasty: Does the Mode of Failure Correlate With Classification?. Journal of Arthroplasty, 2021, 36, 2597-2602.	3.1	12
21	High Rate of Re-Revision in Patients Less Than 55 Years of Age Undergoing Aseptic Revision Total Knee Arthroplasty. Journal of Arthroplasty, 2021, 36, 2348-2352.	3.1	7
22	Three Degrees External to the Posterior Condylar Axis Has Little Relevance in Femoral Component Rotation: A Computed Tomography-Based Total Knee Arthroplasty Simulation Study. Journal of Arthroplasty, 2021, 36, S380-S385.	3.1	8
23	Changes in opioid discharge prescriptions after primary total hip and total knee arthroplasty affect opioid refill rates and morphine milligram equivalents. Bone and Joint Journal, 2021, 103-B, 103-110.	4.4	15
24	Accuracy of Predictive Algorithms in Total Hip and Knee Arthroplasty Acute Periprosthetic Joint Infections Treated With Debridement, Antibiotics, and Implant Retention (DAIR). Journal of Arthroplasty, 2021, 36, 2558-2566.	3.1	11
25	Primary and Revision Total Knee Arthroplasty in Patients With Pulmonary Hypertension: High Perioperative Mortality and Complications. Journal of Arthroplasty, 2021, 36, 3760-3764.	3.1	4
26	Contemporary Distal Femoral Replacements for Supracondylar Femoral Fractures Around Primary and Revision Total Knee Arthroplasties. Journal of Arthroplasty, 2021, 36, S351-S357.	3.1	10
27	Reduction of Opioid Quantities at Discharge After TKA Did Not Increase the Risk of Manipulation Under Anesthesia: An Institutional Experience. Journal of Arthroplasty, 2021, 36, 2307-2312.	3.1	8
28	Periprosthetic joint infection after primary TKA in the medicare population: How frequently are patients revised at a different hospital?. Knee, 2021, 31, 172-179.	1.6	3
29	Unicompartmental Knee Arthroplasty Is Associated With a Lower Rate of Periprosthetic Joint Infection Compared to Total Knee Arthroplasty. Arthroplasty Today, 2021, 10, 117-122.	1.6	7
30	Reply Letter to the Editor: Early Survivorship of Newly Designed Highly Porous Metaphyseal Tibial Cones in Revision Total Knee Arthroplasty. Arthroplasty Today, 2021, 11, 252-253.	1.6	1
31	Contemporary Total Hip and Total Knee Arthroplasty Results in Patients with Hemochromatosis. Journal of Arthroplasty, 2020, 35, 976-980.	3.1	1
32	Dual-Mobility Constructs in Primary Total Hip Arthroplasty in High-Risk Patients With Spinal Fusions: Our Institutional Experience. Arthroplasty Today, 2020, 6, 749-754.	1.6	15
33	Public Interest in Knee Replacement Fell During the Onset of the COVID-19 Pandemic: A Google Trends Analysis. HSS Journal, 2020, 16, 24-28.	1.7	12
34	Serum metal ion levels in modular dual mobility acetabular components: A systematic review. Journal of Orthopaedics, 2020, 21, 432-437.	1.3	21
35	Modular Dual-Mobility Liner Malseating: A Radiographic Analysis. Arthroplasty Today, 2020, 6, 699-703.	1.6	15
36	Robots in the Operating Room During Hip and Knee Arthroplasty. Current Reviews in Musculoskeletal Medicine, 2020, 13, 309-317.	3.5	48

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37	Elevated Infection and Complication Rates in Patients Undergoing a Primary THA With a History of a PJI in a Prior Hip or Knee Arthroplasty: A Matched Cohort Study. <i>Journal of Arthroplasty</i> , 2020, 35, 1928-1932.	3.1	9
38	Treatment and Outcome of Periprosthetic Joint Infection in Unicompartmental Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1917-1923.	3.1	16
39	Two-stage arthrodesis for complex, failed, infected total knee arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 170-175.	4.4	14
40	External fixator arthrodesis antibiotic spacer in two-stage revision total knee arthroplasty for eradication of periprosthetic joint infection. <i>Arthroplasty Today</i> , 2019, 5, 309-313.	1.6	2
41	Contemporary Revision Total Knee Arthroplasty in Patients Younger Than 50 Years: 1 in 3 Risk of Re-Revision by 10 Years. <i>Journal of Arthroplasty</i> , 2019, 34, S266-S270.	3.1	27
42	Reliable outcomes and survivorship of primary total knee arthroplasty for osteonecrosis of the knee. <i>Bone and Joint Journal</i> , 2019, 101-B, 1356-1361.	4.4	11
43	Total Knee Arthroplasty After High Tibial Osteotomy Results in Excellent Long-Term Survivorship and Clinical Outcomes. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 970-978.	3.0	42
44	Primary Total Knee Arthroplasty in Patients With Neuropathic (Charcot) Arthropathy: Contemporary Results. <i>Journal of Arthroplasty</i> , 2018, 33, 2815-2820.	3.1	22
45	Primary Total Hip Arthroplasty for Charcot Arthropathy is Associated With High Complications but Improved Clinical Outcomes. <i>Journal of Arthroplasty</i> , 2018, 33, 2912-2918.	3.1	12
46	Can Dislocation of a Constrained Liner Be Salvaged With Dual-mobility Constructs in Revision THA?. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 305-312.	1.5	24
47	Total Hip Arthroplasty After In Situ Fixation of Minimally Displaced Femoral Neck Fractures in Elderly Patients. <i>Journal of Arthroplasty</i> , 2018, 33, 144-148.	3.1	20
48	Cementation of a Dual Mobility Construct in Recurrently Dislocating and High Risk Patients Undergoing Revision Total Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 1501-1506.	3.1	42
49	Two-Stage Revision Total Hip Arthroplasty With a Specific Articulating Antibiotic Spacer Design: Reliable Periprosthetic Joint Infection Eradication and Functional Improvement. <i>Journal of Arthroplasty</i> , 2018, 33, 3746-3753.	3.1	49
50	Intravenous Versus Topical Tranexamic Acid in Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1023-1029.	3.0	72
51	Revision Total Hip and Knee Arthroplasties After Solid Organ Transplant. <i>Journal of Arthroplasty</i> , 2017, 32, 1560-1564.	3.1	18
52	A Novel Percentage-Based System for Determining Aseptic Loosening of Total Knee Arthroplasty Tibial Components. <i>Journal of Arthroplasty</i> , 2017, 32, 2274-2278.	3.1	21
53	Randomized Clinical Trial of 2-Incision vs Mini-Posterior Total Hip Arthroplasty: Differences Persist at 10 Years. <i>Journal of Arthroplasty</i> , 2017, 32, 2744-2747.	3.1	12
54	Conversion of Hip Hemiarthroplasty to Total Hip Arthroplasty Utilizing a Dual-Mobility Construct Compared With Large Femoral Heads. <i>Journal of Arthroplasty</i> , 2017, 32, 3071-3075.	3.1	38

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55	Iliopsoas Impingement After Primary Total Hip Arthroplasty: Operative and Nonoperative Treatment Outcomes. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 557-564.	3.0	94
56	Survivorship of Metaphyseal Sleeves in Revision Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 1565-1570.	3.1	91
57	Outcomes of Primary Reverse Shoulder Arthroplasty for Dislocation Arthropathy. <i>Journal of Shoulder and Elbow Arthroplasty</i> , 2017, 1, 247154921771716.	0.8	0
58	Revision to Reverse Total Shoulder Arthroplasty Restores Stability for Patients With Unstable Shoulder Prostheses. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 2716-2722.	1.5	39
59	Characterizing the Diagnosis and Treatment of Allergic Contact Dermatitis to 2-Octyl Cyanoacrylate Used for Skin Closure in Elective Orthopedic Surgery. <i>Journal of Arthroplasty</i> , 2017, 32, 3742-3747.	3.1	44
60	Outcomes of shoulder arthroplasty in haematopoietic stem cell transplant patients. <i>International Orthopaedics</i> , 2017, 41, 2555-2564.	1.9	3
61	Primary Total Knee Arthroplasty After Solid Organ Transplant: Survivorship and Complications. <i>Journal of Arthroplasty</i> , 2017, 32, 101-105.	3.1	33
62	Fluoroscopically Assisted Radiographs Improve Sensitivity of Detecting Loose Tibial Implants in Revision Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 570-574.	3.1	12
63	What Risks are Associated with Primary THA in Recipients of Hematopoietic Stem Cell Transplantation?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 475-480.	1.5	7
64	Survivorship After Primary Total Hip Arthroplasty in Solid-Organ Transplant Patients. <i>Journal of Arthroplasty</i> , 2016, 31, 2525-2529.	3.1	36
65	High Failure Rate of Modular Exchange With a Specific Design of a Constrained Liner in High-Risk Patients Undergoing Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 1963-1969.	3.1	34
66	Diagnosis of adverse local tissue reactions following metal-on-metal hip arthroplasty. <i>Current Reviews in Musculoskeletal Medicine</i> , 2016, 9, 67-74.	3.5	43
67	High Risk of Wound Complications Following Direct Anterior Total Hip Arthroplasty in Obese Patients. <i>Journal of Arthroplasty</i> , 2015, 30, 2296-2298.	3.1	114
68	Characterizing the Magnitude of and Risk Factors for Functional Limb Lengthening in Patients Undergoing Primary Total Knee Arthroplasty. <i>HSS Journal</i> , 0, , 155633162110091.	1.7	2