

Charles Lowry Barnes

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

1,523
citations

304368

22
h-index

377514

34
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96
all docs

96
docs citations

96
times ranked

1510
citing authors

#	ARTICLE	IF	CITATIONS
1	Preoperative Education for Hip and Knee Replacement: Never Stop Learning. <i>Current Reviews in Musculoskeletal Medicine</i> , 2017, 10, 356-364.	1.3	98
2	The Effect of the COVID-19 Pandemic on Electively Scheduled Hip and Knee Arthroplasty Patients in the United States. <i>Journal of Arthroplasty</i> , 2020, 35, S49-S55.	1.5	90
3	Risk Stratification Algorithm for Management of Patients with Dual Modular Taper Total Hip Arthroplasty: Consensus Statement of the American Association of Hip and Knee Surgeons, the American Academy of Orthopaedic Surgeons and the Hip Society. <i>Journal of Arthroplasty</i> , 2014, 29, 2060-2064.	1.5	76
4	Modifiable Risk Factors Are Common in Early Revision Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 3689-3692.	1.5	52
5	Inpatient versus Outpatient Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2019, 32, 730-735.	0.9	52
6	An Examination of the Adoption of Outpatient Total Knee Arthroplasty Since 2018. <i>Journal of Arthroplasty</i> , 2020, 35, S24-S27.	1.5	49
7	Variation in Use of Blood Transfusion in Primary Total Hip and Knee Arthroplasties. <i>Journal of Arthroplasty</i> , 2016, 31, 2757-2763.e2.	1.5	45
8	Health literacy and surgery expectations in total hip and knee arthroplasty patients. <i>Patient Education and Counseling</i> , 2018, 101, 1823-1827.	1.0	45
9	Avoiding Readmissions—Support Systems Required After Discharge to Continue Rapid Recovery?. <i>Journal of Arthroplasty</i> , 2015, 30, 527-530.	1.5	42
10	Preoperative Smoking and Narcotic, Benzodiazepine, and Tramadol Use are Risk Factors for Narcotic Use After Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 2774-2779.	1.5	42
11	The Initial Impact of COVID-19 on Total Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, S56-S61.	1.5	42
12	Are Range of Motion Measurements Needed When Calculating the Harris Hip Score?. <i>Journal of Arthroplasty</i> , 2016, 31, 815-819.	1.5	39
13	Tranexamic Acid Reduces Blood Transfusions in Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 2850-2855.e1.	1.5	37
14	Public Perceptions of Resuming Elective Surgery During the COVID-19 Pandemic. <i>Journal of Arthroplasty</i> , 2021, 36, 397-402.e2.	1.5	31
15	BPCI: Everyone Wins, Including the Patient. <i>Journal of Arthroplasty</i> , 2017, 32, 1728-1731.	1.5	30
16	Comparative Study of Antibiotic Elution Profiles From Alternative Formulations of Polymethylmethacrylate Bone Cement. <i>Journal of Arthroplasty</i> , 2019, 34, 1458-1461.	1.5	30
17	Total Knee Replacement: The Inpatient-Only List and the Two Midnight Rule, Patient Impact, Length of Stay, Compliance Solutions, Audits, and Economic Consequences. <i>Journal of Arthroplasty</i> , 2020, 35, S28-S32.	1.5	27
18	Inpatient Dislocation After Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 2889-2893.	1.5	26

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19	Rapid Recovery After Total Joint Arthroplasty Using General Anesthesia. <i>Journal of Arthroplasty</i> , 2019, 34, 1889-1896.	1.5	26
20	The Financial Implications of the Removal of Total Knee Arthroplasty From the Medicare Inpatient-Only List. <i>Journal of Arthroplasty</i> , 2020, 35, S33-S36.	1.5	26
21	Perioperative Periprosthetic Fractures Associated With Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 992-995.	1.5	25
22	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
23	Racial and Ethnic Disparities in Hospitalization Outcomes Among Medicare Beneficiaries During the COVID-19 Pandemic. <i>JAMA Health Forum</i> , 2021, 2, e214223.	1.0	22
24	Effect of Total Joint Arthroplasty Surgical Day of the Week on Length of Stay and Readmissions: A Clinical Pathway Approach. <i>Journal of Arthroplasty</i> , 2016, 31, 2726-2729.	1.5	21
25	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
26	Comparative Effectiveness of Intra-Articular Hyaluronic Acid and Corticosteroid Injections on the Time to Surgical Knee Procedures. <i>Journal of Arthroplasty</i> , 2017, 32, 3591-3597.e24.	1.5	19
27	Patient Health Literacy and Diabetic Foot Amputations. <i>Journal of Foot and Ankle Surgery</i> , 2019, 58, 877-879.	0.5	18
28	Is Rapid Recovery Hip and Knee Replacement Possible and Safe in the Octogenarian Patient?. <i>Journal of Arthroplasty</i> , 2018, 33, 316-319.	1.5	17
29	Patients With Multiple Sclerosis are at Increased Risk for Postoperative Complications Following Total Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, 1606-1610.	1.5	17
30	Online Crowdsourcing to Explore Public Perceptions of Robotic-Assisted Orthopedic Surgery. <i>Journal of Arthroplasty</i> , 2021, 36, 1887-1894.e3.	1.5	17
31	Patients With Hip or Knee Arthritis Underreport Narcotic Usage. <i>Journal of Arthroplasty</i> , 2018, 33, 3113-3117.	1.5	16
32	Unipedal Balance Is Affected by Lower Extremity Joint Arthroplasty Procedure 1 Year Following Surgery. <i>Journal of Arthroplasty</i> , 2015, 30, 286-289.	1.5	15
33	Readmission, Complication, and Disposition Calculators in Total Joint Arthroplasty: A Systemic Review. <i>Journal of Arthroplasty</i> , 2021, 36, 1823-1831.	1.5	15
34	The Rapid Response to the COVID-19 Pandemic by the Arthroplasty Divisions at Two Academic Referral Centers. <i>Journal of Arthroplasty</i> , 2020, 35, S10-S14.	1.5	14
35	Patients With Multiple Myeloma Have More Complications After Surgical Treatment of Hip Fracture. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2016, 7, 158-162.	0.6	13
36	Early Postoperative Outcomes After Total Joint Arthroplasty in Patients With Multiple Myeloma. <i>Journal of Arthroplasty</i> , 2016, 31, 1645-1648.	1.5	12

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37	Biomechanical Changes Following Knee Arthroplasty During Sit-To-Stand Transfers: Systematic Review. <i>Journal of Arthroplasty</i> , 2019, 34, 2494-2501.	1.5	11
38	After-Hours Calls in a Joint Replacement Practice. <i>Journal of Arthroplasty</i> , 2019, 34, 1303-1306.	1.5	11
39	Prevention of Infection and Disruption of the Pathogen Transfer Chain in Elective Surgery. <i>Journal of Arthroplasty</i> , 2020, 35, S28-S31.	1.5	11
40	Reemergence of Multispecialty Inpatient Elective Orthopaedic Surgery During the COVID-19 Pandemic. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, e79.	1.4	10
41	Streamlining Hospital Treatment of Prosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2020, 35, S63-S68.	1.5	10
42	Length of Stay After Joint Arthroplasty is Less Than Predicted Using Two Risk Calculators. <i>Journal of Arthroplasty</i> , 2021, 36, 3073-3077.	1.5	10
43	A departmental policy can reduce opioid prescribing after orthopedic surgery. <i>Journal of Opioid Management</i> , 2020, 16, 41-47.	0.2	10
44	Position of the Hip in Yoga. <i>Journal of Arthroplasty</i> , 2018, 33, 2306-2311.	1.5	9
45	Total Hip Arthroplasty in Adolescents and Young Adults for Management of Advanced Corticosteroid-Induced Osteonecrosis Secondary to Treatment for Hematologic Malignancies. <i>Journal of Arthroplasty</i> , 2021, 36, 1352-1360.	1.5	9
46	Narcotic Refills and Patient Satisfaction With Pain Control After Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 454-461.	1.5	9
47	Management of Periprosthetic Joint Infection and Extensor Mechanism Disruption With Modular Knee Fusion: Clinical and Biomechanical Outcomes. <i>Arthroplasty Today</i> , 2021, 8, 46-52.	0.8	9
48	Bilateral adrenal hemorrhage in a total knee patient associated with enoxaparin usage. <i>Arthroplasty Today</i> , 2015, 1, 65-68.	0.8	8
49	Effects of a corrective heel lift with an orthopaedic walking boot on joint mechanics and symmetry during gait. <i>Gait and Posture</i> , 2019, 73, 233-238.	0.6	8
50	Perioperative assessment of muscle inflammation susceptibility in patients with end-stage osteoarthritis. <i>Journal of Applied Physiology</i> , 2022, 132, 984-994.	1.2	8
51	Intraoperative Practice Variability in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 725-731.	1.5	7
52	Business Unusual: COVID-19 Ramifications for Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, S1-S2.	1.5	7
53	The required number of trials for biomechanical analysis of a golf swing. <i>Sports Biomechanics</i> , 2021, 20, 238-246.	0.8	7
54	Dealing with the outliers—Physicians, inpatient post-acute care providers, physical therapists, and visiting nursing facilities. <i>Seminars in Arthroplasty</i> , 2016, 27, 178-187.	0.3	6

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55	A Perioperative Patient Support System Was Unable to Mitigate the Risk of Hospital Readmission for Total Hip Arthroplasty Patients With High American Society of Anesthesiologists Grades. Journal of Arthroplasty, 2017, 32, 1100-1102.	1.5	6
56	Improvements in Isokinetic Quadriceps and Hamstring Strength Testing After Focused Therapy in Patients With Flexion Instability. Journal of Arthroplasty, 2020, 35, 2237-2243.	1.5	6
57	Worsening Arthroplasty Utilization With Widening Racial Variance During the COVID-19 Pandemic. Journal of Arthroplasty, 2022, 37, 1227-1232.	1.5	6
58	Electronic Medical Record Audit Time Logs as a Measure of Preoperative Work Before Total Joint Arthroplasty. Journal of Arthroplasty, 2021, 36, 2250-2253.	1.5	5
59	Changes in Mediolateral Postural Control Mechanisms During Gait After Total Knee Arthroplasty. Journal of Arthroplasty, 2021, 36, 3326-3332.	1.5	5
60	The National Trend in Arthroplasty Surgery Location and the Economic Impact on Surgeons, Hospitals and ASCs. Journal of Arthroplasty, 2022, 37, 1448-1451.	1.5	5
61	The COVID-19 Pandemic and Centers of Medicaid and Medicare Services Regulatory Reform Impact on Total Hip Arthroplasty Metrics. Journal of Arthroplasty, 2022, 37, S408-S412.	1.5	5
62	The Influence of Knee Osteoarthritis on Spinopelvic Alignment and Global Sagittal Balance. Journal of Knee Surgery, 2023, 36, 917-924.	0.9	5
63	The Effect of Extension Constraint Knee Bracing on Dynamic Balance, Gait Mechanics, and Joint Alignment. PM and R, 2014, 6, 309-315.	0.9	4
64	Perioperative Risk in Patients With Epilepsy Undergoing Total Joint Arthroplasty. Journal of Arthroplasty, 2017, 32, 537-540.	1.5	4
65	Total Knee Periprosthetic Joint Infection in the Setting of Hematologic Malignancy: Considerations for Management. Arthroplasty Today, 2020, 6, 309-315.	0.8	4
66	Perioperative Medical Optimization of Symptomatic Benign Prostatic Hyperplasia Is an Economically Justified Infection Prevention Strategy in Total Joint Arthroplasty. Journal of Arthroplasty, 2021, 36, 2551-2557.	1.5	4
67	Does In-Hospital Opioid Use Affect Opioid Consumption After Total Joint Arthroplasty?. Journal of Arthroplasty, 2022, 37, 824-830.	1.5	4
68	Inter-Rater Reliability of Clinical Testing for Laxity After Knee Arthroplasty. Journal of Arthroplasty, 2022, , .	1.5	4
69	American Association of Hip and Knee Surgeons Advocacy Efforts in Response to the SARS-CoV-2 Pandemic. Journal of Arthroplasty, 2020, 35, S82-S84.	1.5	3
70	Sepsis and Total Joint Arthroplasty. Orthopedic Clinics of North America, 2022, 53, 13-24.	0.5	3
71	Social Needs of Patients Undergoing Total Joint Arthroplasty. Journal of Arthroplasty, 2022, 37, S416-S421.	1.5	3
72	Price Transparency for Primary Hip & Knee Arthroplasty: An Overview of the Top 50 US News and World Report Orthopedic Hospitals. Journal of Arthroplasty, 2022, 37, 1514-1519.	1.5	3

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73	Three-dimensional kinematics in healthy older adult males during golf swings. <i>Sports Biomechanics</i> , 2022, 21, 165-178.	0.8	2
74	Dissociation of Acetabular Polyethylene Liners With a Morse Taper Design. <i>Journal of Arthroplasty</i> , 2020, 35, 3754-3757.	1.5	2
75	Augmentation of core decompression with synthetic bone graft does not improve mechanical properties of the proximal femur. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 115, 104263.	1.5	2
76	A Review of Periprosthetic Tibial Fractures. <i>Orthopedic Clinics of North America</i> , 2021, 52, 357-368.	0.5	2
77	Cobalt Levels and Pseudotumor Characteristics Vary due to Metal Ion Source: Modular Femoral Neck vs Metal-on-Metal Articulations. <i>Journal of Arthroplasty</i> , 2021, 36, 3490-3497.	1.5	2
78	Corneal Abrasions in Total Joint Arthroplasty. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2021, 12, 215145932110601.	0.6	2
79	Does Blood Flow Restriction Therapy Improve Leg Strength in Patients with a Painful Total Knee Arthroplasty?. <i>Journal of Arthroplasty</i> , 2022, , .	1.5	2
80	Predictors of Acute Ischemic Stroke After Total Knee Arthroplasty. <i>Journal of Surgical Orthopaedic Advances</i> , 2017, 26, 148-153.	0.1	2
81	Preoperative Care of the TKA Patient. <i>Journal of Knee Surgery</i> , 2018, 31, 618-624.	0.9	1
82	Response to Letter to the Editor on "Choices, Compromises, and Controversies in Total Knee and Total Hip Arthroplasty Modifiable Risk Factors: What You Need to Know". <i>Journal of Arthroplasty</i> , 2019, 34, 1039.	1.5	1
83	A Kinetic Analysis of Golf Swings Performed by Healthy Older Adult Males. <i>Journal of Science in Sport and Exercise</i> , 2022, 4, 74-81.	0.4	1
84	Radiographic Findings in Flexion Instability after Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2023, 36, 411-416.	0.9	1
85	Extensive Preoperative Work Is Required for Revision Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, 37, S738-S741.	1.5	1
86	All-polyethylene tibial components in octogenarians: survivorship, performance, and cost. <i>American Journal of Orthopedics</i> , 2014, 43, 21-4.	0.7	1
87	Readability of Patient Educational Materials for Total Hip and Knee Arthroplasty. <i>Journal of Surgical Orthopaedic Advances</i> , 2018, 27, 72-76.	0.1	1
88	Identifying and Creating Value for Employed Arthroplasty Surgeons in an Era of Decreasing Reimbursement. <i>Journal of Arthroplasty</i> , 2022, , .	1.5	1
89	Response to Letter to the Editor on "Rapid Recovery After Total Joint Arthroplasty Using General Anesthesia". <i>Journal of Arthroplasty</i> , 2020, 35, 1445-1446.	1.5	0
90	Reply to Letter to the Editor on "Improvements in Isokinetic Quadriceps and Hamstring Strength Testing After Focused Therapy in Patients With Flexion Instability". <i>Journal of Arthroplasty</i> , 2020, 35, 2299-2300.	1.5	0

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91	The Preoperative Clinical Pathway. , 2020 , 115-152.		0
92	New Failure Mechanism of Acetabular Constrained Liner: A Case Report. Journal of Surgical Orthopaedic Advances, 2019, 28, 68-73.	0.1	0
93	Cost Analysis and Bundled Care of Hip and Knee Replacement. Journal of Surgical Orthopaedic Advances, 2019, 28, 241-249.	0.1	0
94	Review of Salvage Therapies for Periprosthetic Joint Infection After Total Knee Arthroplasty.. Journal of Surgical Orthopaedic Advances, 2021, 30, 231-234.	0.1	0