

# Charles Lowry Barnes

## List of Publications by Year in descending order

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94  
papers

1,523  
citations

304368

22  
h-index

377514

34  
g-index

96  
all docs

96  
docs citations

96  
times ranked

1510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiographic Findings in Flexion Instability after Total Knee Arthroplasty. Journal of Knee Surgery, 2023, 36, 411-416.	0.9	1
2	The Influence of Knee Osteoarthritis on Spinopelvic Alignment and Global Sagittal Balance. Journal of Knee Surgery, 2023, 36, 917-924.	0.9	5
3	Three-dimensional kinematics in healthy older adult males during golf swings. Sports Biomechanics, 2022, 21, 165-178.	0.8	2
4	A Kinetic Analysis of Golf Swings Performed by Healthy Older Adult Males. Journal of Science in Sport and Exercise, 2022, 4, 74-81.	0.4	1
5	Sepsis and Total Joint Arthroplasty. Orthopedic Clinics of North America, 2022, 53, 13-24.	0.5	3
6	Extensive Preoperative Work Is Required for Revision Hip and Knee Arthroplasty. Journal of Arthroplasty, 2022, 37, S738-S741.	1.5	1
7	Does In-Hospital Opioid Use Affect Opioid Consumption After Total Joint Arthroplasty?. Journal of Arthroplasty, 2022, 37, 824-830.	1.5	4
8	Does Blood Flow Restriction Therapy Improve Leg Strength in Patients with a Painful Total Knee Arthroplasty?. Journal of Arthroplasty, 2022, , .	1.5	2
9	Identifying and Creating Value for Employed Arthroplasty Surgeons in an Era of Decreasing Reimbursement. Journal of Arthroplasty, 2022, , .	1.5	1
10	Social Needs of Patients Undergoing Total Joint Arthroplasty. Journal of Arthroplasty, 2022, 37, S416-S421.	1.5	3
11	Worsening Arthroplasty Utilization With Widening Racial Variance During the COVID-19 Pandemic. Journal of Arthroplasty, 2022, 37, 1227-1232.	1.5	6
12	Inter-Rater Reliability of Clinical Testing for Laxity After Knee Arthroplasty. Journal of Arthroplasty, 2022, , .	1.5	4
13	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
14	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
15	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
16	Perioperative assessment of muscle inflammation susceptibility in patients with end-stage osteoarthritis. Journal of Applied Physiology, 2022, 132, 984-994.	1.2	8
17	The required number of trials for biomechanical analysis of a golf swing. Sports Biomechanics, 2021, 20, 238-246.	0.8	7
18	Readmission, Complication, and Disposition Calculators in Total Joint Arthroplasty: A Systemic Review. Journal of Arthroplasty, 2021, 36, 1823-1831.	1.5	15

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19	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
20	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
21	Narcotic Refills and Patient Satisfaction With Pain Control After Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 454-461.	1.5	9
22	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
23	Public Perceptions of Resuming Elective Surgery During the COVID-19 Pandemic. <i>Journal of Arthroplasty</i> , 2021, 36, 397-402.e2.	1.5	31
24	The Initial Impact of COVID-19 on Total Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, S56-S61.	1.5	42
25	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
26	Online Crowdsourcing to Explore Public Perceptions of Robotic-Assisted Orthopedic Surgery. <i>Journal of Arthroplasty</i> , 2021, 36, 1887-1894.e3.	1.5	17
27	Electronic Medical Record Audit Time Logs as a Measure of Preoperative Work Before Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 2250-2253.	1.5	5
28	Perioperative Medical Optimization of Symptomatic Benign Prostatic Hyperplasia Is an Economically Justified Infection Prevention Strategy in Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 2551-2557.	1.5	4
29	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
30	Changes in Mediolateral Postural Control Mechanisms During Gait After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 3326-3332.	1.5	5
31	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
32	A Review of Periprosthetic Tibial Fractures. <i>Orthopedic Clinics of North America</i> , 2021, 52, 357-368.	0.5	2
33	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
34	Corneal Abrasions in Total Joint Arthroplasty. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2021, 12, 215145932110601.	0.6	2
35	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
36	Review of Salvage Therapies for Periprosthetic Joint Infection After Total Knee Arthroplasty.. <i>Journal of Surgical Orthopaedic Advances</i> , 2021, 30, 231-234.	0.1	0

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37	Intraoperative Practice Variability in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 725-731.	1.5	7
38	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
39	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
40	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
41	Total Knee Periprosthetic Joint Infection in the Setting of Hematologic Malignancy: Considerations for Management. <i>Arthroplasty Today</i> , 2020, 6, 309-315.	0.8	4
42	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
43	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
44	American Association of Hip and Knee Surgeons Advocacy Efforts in Response to the SARS-CoV-2 Pandemic. <i>Journal of Arthroplasty</i> , 2020, 35, S82-S84.	1.5	3
45	Dissociation of Acetabular Polyethylene Liners With a Morse Taper Design. <i>Journal of Arthroplasty</i> , 2020, 35, 3754-3757.	1.5	2
46	An Examination of the Adoption of Outpatient Total Knee Arthroplasty Since 2018. <i>Journal of Arthroplasty</i> , 2020, 35, S24-S27.	1.5	49
47	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
48	Streamlining Hospital Treatment of Prosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2020, 35, S63-S68.	1.5	10
49	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
50	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
51	Improvements in Isokinetic Quadriceps and Hamstring Strength Testing After Focused Therapy in Patients With Flexion Instability. <i>Journal of Arthroplasty</i> , 2020, 35, 2237-2243.	1.5	6
52	Business Unusual: COVID-19 Ramifications for Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, S1-S2.	1.5	7
53	A departmental policy can reduce opioid prescribing after orthopedic surgery. <i>Journal of Opioid Management</i> , 2020, 16, 41-47.	0.2	10
54	The Preoperative Clinical Pathway. , 2020, , 115-152.		0

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55	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
56	Patient Health Literacy and Diabetic Foot Amputations. <i>Journal of Foot and Ankle Surgery</i> , 2019, 58, 877-879.	0.5	18
57	Biomechanical Changes Following Knee Arthroplasty During Sit-To-Stand Transfers: Systematic Review. <i>Journal of Arthroplasty</i> , 2019, 34, 2494-2501.	1.5	11
58	Inpatient versus Outpatient Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2019, 32, 730-735.	0.9	52
59	Rapid Recovery After Total Joint Arthroplasty Using General Anesthesia. <i>Journal of Arthroplasty</i> , 2019, 34, 1889-1896.	1.5	26
60	After-Hours Calls in a Joint Replacement Practice. <i>Journal of Arthroplasty</i> , 2019, 34, 1303-1306.	1.5	11
61	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
62	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
63	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
64	New Failure Mechanism of Acetabular Constrained Liner: A Case Report. <i>Journal of Surgical Orthopaedic Advances</i> , 2019, 28, 68-73.	0.1	0
65	Cost Analysis and Bundled Care of Hip and Knee Replacement. <i>Journal of Surgical Orthopaedic Advances</i> , 2019, 28, 241-249.	0.1	0
66	Preoperative Care of the TKA Patient. <i>Journal of Knee Surgery</i> , 2018, 31, 618-624.	0.9	1
67	Position of the Hip in Yoga. <i>Journal of Arthroplasty</i> , 2018, 33, 2306-2311.	1.5	9
68	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
69	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
70	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
71	Patients With Hip or Knee Arthritis Underreport Narcotic Usage. <i>Journal of Arthroplasty</i> , 2018, 33, 3113-3117.	1.5	16
72	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

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73	Perioperative Risk in Patients With Epilepsy Undergoing Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 537-540.	1.5	4
74	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. <i>Journal of Arthroplasty</i> , 2017, 32, 1100-1102.	1.5	6
75	BPCI: Everyone Wins, Including the Patient. <i>Journal of Arthroplasty</i> , 2017, 32, 1728-1731.	1.5	30
76	Modifiable Risk Factors Are Common in Early Revision Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 3689-3692.	1.5	52
77	Preoperative Education for Hip and Knee Replacement: Never Stop Learning. <i>Current Reviews in Musculoskeletal Medicine</i> , 2017, 10, 356-364.	1.3	98
78	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
79	Perioperative Periprosthetic Fractures Associated With Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 992-995.	1.5	25
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	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
82	Inpatient Dislocation After Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 2889-2893.	1.5	26
83	Early Postoperative Outcomes After Total Joint Arthroplasty in Patients With Multiple Myeloma. <i>Journal of Arthroplasty</i> , 2016, 31, 1645-1648.	1.5	12
84	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
85	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
86	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
87	Tranexamic Acid Reduces Blood Transfusions in Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 2850-2855.e1.	1.5	37
88	Are Range of Motion Measurements Needed When Calculating the Harris Hip Score?. <i>Journal of Arthroplasty</i> , 2016, 31, 815-819.	1.5	39
89	Bilateral adrenal hemorrhage in a total knee patient associated with enoxaparin usage. <i>Arthroplasty Today</i> , 2015, 1, 65-68.	0.8	8
90	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

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91	Avoiding Readmissions—Support Systems Required After Discharge to Continue Rapid Recovery?. Journal of Arthroplasty, 2015, 30, 527-530.	1.5	42
92	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. Journal of Arthroplasty, 2014, 29, 2060-2064.	1.5	76
93	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
94	All-polyethylene tibial components in octogenarians: survivorship, performance, and cost. American Journal of Orthopedics, 2014, 43, 21-4.	0.7	1