David Lewallen

List of Publications by Year
in descending order

52 papers	2,718 citations	186265 28 h-index	206112 48 g-index
52 all docs	52 docs citations	52 times ranked	2072 citing authors

#	Article	IF	Citations
1	Use of Porous Tantalum Metaphyseal Cones for Severe Tibial Bone Loss During Revision Total Knee Replacement. Journal of Bone and Joint Surgery - Series A, 2008, 90, 78-84.	3.0	218
2	Porous Tantalum Metaphyseal Cones for Severe Tibial Bone Loss in Revision Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2015, 97, 216-223.	3.0	149
3	Clinically important improvement thresholds for Harris Hip Score and its ability to predict revision risk after primary total hip arthroplasty. BMC Musculoskeletal Disorders, 2016, 17, 256.	1.9	134
4	Limitations of Structural Allograft in Revision Total Knee Arthroplasty. Clinical Orthopaedics and Related Research, 2009, 467, 818-824.	1.5	123
5	Determinants of Direct Medical Costs in Primary and Revision Total Knee Arthroplasty. Clinical Orthopaedics and Related Research, 2013, 471, 206-214.	1.5	121
6	Obesity Increases Length of Stay and Direct Medical Costs in Total Hip Arthroplasty. Clinical Orthopaedics and Related Research, 2014, 472, 1232-1239.	1.5	109
7	THE USE OF A CONSTRAINED ACETABULAR COMPONENT TO TREAT INSTABILITY AFTER TOTAL HIP ARTHROPLASTY. Journal of Bone and Joint Surgery - Series A, 2003, 85, 2179-2183.	3.0	109
8	Long-Term Results After Total Knee Arthroplasty with Contemporary Rotating-Hinge Prostheses. Journal of Bone and Joint Surgery - Series A, 2017, 99, 324-330.	3.0	97
9	Midterm Results of Porous Tantalum Femoral Cones in Revision Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2016, 98, 1286-1291.	3.0	96
10	Implementation of Patient-Reported Outcome Measures in U.S. Total Joint Replacement Registries: Rationale, Status, and Plans. Journal of Bone and Joint Surgery - Series A, 2014, 96, 104-109.	3.0	94
11	Morbid Obesity: A Significant Risk Factor for Failure of Two-Stage Revision Total Knee Arthroplasty for Infection. Journal of Bone and Joint Surgery - Series A, 2014, 96, e154.	3.0	89
12	The Effect of Obesity on Direct Medical Costs in Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2014, 96, 718-724.	3.0	88
13	Use of Porous Tantalum Metaphyseal Cones for Severe Tibial Bone Loss During Revision Total Knee Replacement. Journal of Bone and Joint Surgery - Series A, 2009, 91, 131-138.	3.0	87
14	Minimum Five-Year Outcomes with Porous Tantalum Acetabular Cup and Augment Construct in Complex Revision Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2017, 99, e49.	3.0	87
15	Modes of Failure of Osteonics Constrained Tripolar Implants: A Retrospective Analysis of Forty-three Failed Implants. Journal of Bone and Joint Surgery - Series A, 2008, 90, 1553-1560.	3.0	84
16	Aseptic Tibial Debonding as a Cause of Early Failure in a Modern Total Knee Arthroplasty Design. Clinical Orthopaedics and Related Research, 2013, 471, 94-101.	1.5	83
17	Comparative Survival of Uncemented Acetabular Components Following Primary Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2011, 93, 1597-1604.	3.0	81
18	Morbid Obesity. Journal of Bone and Joint Surgery - Series A, 2015, 97, 326-332.	3.0	70

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19	Modular Fluted Tapered Stems in Aseptic Revision Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2017, 99, 873-881.	3.0	66
20	Comparative Long-Term Survivorship of Uncemented Acetabular Components in Revision Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2012, 94, e82.	3.0	57
21	Increased Risk of Periprosthetic Femur Fractures Associated With a Unique Cementless Stem Design. Clinical Orthopaedics and Related Research, 2015, 473, 2045-2053.	1.5	56
22	Comparative Survivorship of Different Tibial Designs in Primary Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2014, 96, e121.	3.0	54
23	Surgical Technique: Porous Tantalum Reconstruction for Destructive Nonprimary Periacetabular Tumors. Clinical Orthopaedics and Related Research, 2012, 470, 594-601.	1.5	53
24	The Evolution of the Cup-Cage Technique for Major Acetabular Defects. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1104-1110.	3.0	53
25	Use of Natural Language Processing Algorithms to Identify Common Data Elements in Operative Notes for Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2019, 101, 1931-1938.	3.0	50
26	Morbid Obesity: Increased Risk of Failure After Aseptic Revision TKA. Clinical Orthopaedics and Related Research, 2015, 473, 2621-2627.	1.5	46
27	Tantalum Acetabular Cups Provide Secure Fixation in THA after Pelvic Irradiation at Minimum 5-year Followup. Clinical Orthopaedics and Related Research, 2012, 470, 3041-3047.	1.5	45
28	Construct Rigidity: Keystone for Treating Pelvic Discontinuity. Journal of Bone and Joint Surgery - Series A, 2017, 99, e43.	3.0	38
29	Direct Inpatient Medical Costs of Operative Treatment of Periprosthetic Hip and Knee Infections Are Twofold Higher Than Those of Aseptic Revisions. Journal of Bone and Joint Surgery - Series A, 2021, 103, 312-318.	3.0	29
30	Long-Term Outcomes of Constrained Liners Cemented into Retained, Well-Fixed Acetabular Components. Journal of Bone and Joint Surgery - Series A, 2019, 101, 620-627.	3.0	26
31	Long-term Mortality After Revision THA. Clinical Orthopaedics and Related Research, 2018, 476, 420-426.	1.5	24
32	Comparison of Porous Tantalum Acetabular Implants and Harrington Reconstruction for Metastatic Disease of the Acetabulum. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1239-1247.	3.0	24
33	Porous Metal Acetabular Components Have a Low Rate of Mechanical Failure in THA After Operatively Treated Acetabular Fracture. Clinical Orthopaedics and Related Research, 2015, 473, 536-542.	1.5	23
34	Hospital Costs of Total Hip Arthroplasty for Developmental Dysplasia of the Hip. Clinical Orthopaedics and Related Research, 2014, 472, 2237-2244.	1.5	22
35	Revision Total Hip Arthroplasty for the Treatment of Fracture: More Expensive, More Complications, Same Diagnosis-Related Groups. Journal of Bone and Joint Surgery - Series A, 2019, 101, 912-919.	3.0	20
36	Synovial fluid Î± defensin has comparable accuracy to synovial fluid white blood cell count and polymorphonuclear percentage for periprosthetic joint infection diagnosis. Bone and Joint Journal, 2021, 103-B, 1119-1126.	4.4	19

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37	Competing Risk of Death When Comparing Tibial Implant Types in Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2016, 98, 591-596.	3.0	13
38	Redefining the 3D Topography of the Acetabular Safe Zone. Journal of Bone and Joint Surgery - Series A, 2022, 104, 239-245.	3.0	13
39	Catastrophic Head-Neck Dissociation of a Modular Cementless Femoral Component. JBJS Case Connector, 2015, 5, e71.	0.3	12
40	Long-Term Results of Patellar Bone-Grafting for Severe Patellar Bone Loss During Revision Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2019, 101, 1636-1644.	3.0	12
41	Dealing with Complications. Journal of Bone and Joint Surgery - Series A, 2009, 91, 18-18.	3.0	10
42	Intermediate to Long-Term Follow-up of Cementing Liners into Well-Fixed Acetabular Components. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1397-1404.	3.0	10
43	Constrained Liners Implanted Simultaneously at the Time of Acetabular Shell Revision with a Highly Porous Implant. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1521-1529.	3.0	8
44	Patellar Bone-Grafting for Severe Patellar Bone Loss During Revision Total Knee Arthroplasty. JBJS Essential Surgical Techniques, 2020, 10, e19.00065-e19.00065.	0.8	4
45	Surgical Technique for Revision Total Hip Replacement. Journal of Bone and Joint Surgery - Series A, 2009, 91, 23-24.	3.0	3
46	Biconvex Patellar Components. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1220-1228.	3.0	3
47	Lymphedema Is a Significant Risk Factor for Failure After Primary Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2022, 104, 55-61.	3.0	3
48	QUADRICEPS TENDON RUPTURE AFTER TOTAL KNEE ARTHROPLASTY. Journal of Bone and Joint Surgery - Series A, 2005, 87, 37-45.	3.0	3
49	Fracture of the Cam Mechanism of a Posterior-Stabilized Total Knee Femoral Component: A Previously Unrecognized Mode of Failure. JBJS Case Connector, 2014, 4, e51.	0.3	0
50	INTRODUCING TECHNOLOGY INTO ORTHOPAEDIC PRACTICE. Journal of Bone and Joint Surgery - Series A, 2005, 87, 1146-1158.	3.0	0
51	Approaches in Primary Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2009, 91, 10-11.	3.0	0
52	Controversies Regarding Bearing Surfaces in Total Hip Replacement. Journal of Bone and Joint Surgery - Series A, 2009, 91, 8-9.	3.0	0