

# Joseph Iannotti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1343961/publications.pdf>

Version: 2024-02-01

99  
papers

6,832  
citations

47006

47  
h-index

58581

82  
g-index

99  
all docs

99  
docs citations

99  
times ranked

3363  
citing authors

#	ARTICLE	IF	CITATIONS
1	INFLUENCE OF PREOPERATIVE FACTORS ON OUTCOME OF SHOULDER ARTHROPLASTY FOR GLENOHUMERAL OSTEOARTHRITIS. Journal of Bone and Joint Surgery - Series A, 2003, 85, 251-258.	3.0	389
2	Porcine Small Intestine Submucosa Augmentation of Surgical Repair of Chronic Two-Tendon Rotator Cuff Tears. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1238-1244.	3.0	353
3	Use of three-dimensional computed tomography for the analysis of the glenoid anatomy. Journal of Shoulder and Elbow Surgery, 2005, 14, 85-90.	2.6	277
4	Time to Failure After Rotator Cuff Repair. Journal of Bone and Joint Surgery - Series A, 2013, 95, 965-971.	3.0	258
5	The Penn Shoulder Score: Reliability and Validity. Journal of Orthopaedic and Sports Physical Therapy, 2006, 36, 138-151.	3.5	239
6	Prospective Longitudinal Analysis of Postoperative Shoulder Function. Journal of Bone and Joint Surgery - Series A, 2001, 83, 1052-1056.	3.0	229
7	Comparison of Patient-Specific Instruments with Standard Surgical Instruments in Determining Glenoid Component Position. Journal of Bone and Joint Surgery - Series A, 2012, 94, 2167-2175.	3.0	215
8	Glenoid Component Retroversion Is Associated with Osteolysis. Journal of Bone and Joint Surgery - Series A, 2013, 95, e82-1-8.	3.0	213
9	Three-Dimensional Imaging and Templating Improve Glenoid Implant Positioning. Journal of Bone and Joint Surgery - Series A, 2015, 97, 651-658.	3.0	167
10	Latissimus Dorsi Tendon Transfer for Irreparable Posterosuperior Rotator Cuff Tears. Journal of Bone and Joint Surgery - Series A, 2006, 88, 342-348.	3.0	158
11	Effect of glenoid deformity on glenoid component placement in primary shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2012, 21, 48-55.	2.6	155
12	The Influence of Three-Dimensional Computed Tomography Images of the Shoulder in Preoperative Planning for Total Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2008, 90, 2438-2445.	3.0	146
13	Functional outcome of arthroscopic rotator cuff repairs: A correlation of anatomic and clinical results. Journal of Shoulder and Elbow Surgery, 2007, 16, 759-765.	2.6	144
14	Three-Dimensional Preoperative Planning Software and a Novel Information Transfer Technology Improve Glenoid Component Positioning. Journal of Bone and Joint Surgery - Series A, 2014, 96, e71.	3.0	137
15	Prosthetic positioning in total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2005, 14, S111-S121.	2.6	134
16	The three-dimensional glenoid vault model can estimate normal glenoid version in osteoarthritis. Journal of Shoulder and Elbow Surgery, 2008, 17, 487-491.	2.6	134
17	Î±-Defensin as a predictor of periprosthetic shoulder infection. Journal of Shoulder and Elbow Surgery, 2015, 24, 1021-1027.	2.6	134
18	Accuracy of Office-Based Ultrasonography of the Shoulder for the Diagnosis of Rotator Cuff Tears. Journal of Bone and Joint Surgery - Series A, 2005, 87, 1305.	3.0	128

#	ARTICLE	IF	CITATIONS
19	Predicting normal glenoid version from the pathologic scapula: a comparison of 4 methods in 2- and 3-dimensional models. Journal of Shoulder and Elbow Surgery, 2011, 20, 234-244.	2.6	120
20	Early Versus Late Culture Growth of Propionibacterium acnes in Revision Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2015, 97, 1149-1158.	3.0	105
21	Quantitative analysis of glenoid bone loss in osteoarthritis using three-dimensional computed tomography scans. Journal of Shoulder and Elbow Surgery, 2008, 17, 328-335.	2.6	101
22	Normal glenoid vault anatomy and validation of a novel glenoid implant shape. Journal of Shoulder and Elbow Surgery, 2008, 17, 471-478.	2.6	100
23	ROTATOR CUFF TEARS. Journal of Bone and Joint Surgery - Series A, 2004, 86, 2764-2776.	3.0	100
24	Sensitivity of Frozen Section Histology for Identifying Propionibacterium acnes Infections in Revision Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2014, 96, 442-447.	3.0	99
25	Development and Validation of a Machine Learning Algorithm After Primary Total Hip Arthroplasty: Applications to Length of Stay and Payment Models. Journal of Arthroplasty, 2019, 34, 632-637.	3.1	99
26	Failure With Continuity in Rotator Cuff Repair “Healing”: American Journal of Sports Medicine, 2013, 41, 134-141.	4.2	98
27	Fate of large structural allograft for treatment of severe uncontained glenoid bone deficiency. Journal of Shoulder and Elbow Surgery, 2012, 21, 765-771.	2.6	93
28	Synovial Fluid Interleukin-6 as a Predictor of Periprosthetic Shoulder Infection. Journal of Bone and Joint Surgery - Series A, 2015, 97, 63-70.	3.0	92
29	Changes in Rotator Cuff Muscle Volume, Fat Content, and Passive Mechanics After Chronic Detachment in a Canine Model. Journal of Bone and Joint Surgery - Series A, 2005, 87, 2662-2670.	3.0	91
30	Correction of acquired glenoid bone loss in osteoarthritis with a standard versus an augmented glenoid component. Journal of Shoulder and Elbow Surgery, 2014, 23, 964-973.	2.6	91
31	Determination of humeral head size in anatomic shoulder replacement for glenohumeral osteoarthritis. Journal of Shoulder and Elbow Surgery, 2014, 23, 955-963.	2.6	78
32	Radiographic assessment of prosthetic humeral head size after anatomic shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2014, 23, 1740-1746.	2.6	78
33	Quantitative Measurement of Osseous Pathology in Advanced Glenohumeral Osteoarthritis. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1460-1468.	3.0	73
34	Progression of Glenoid Morphology in Glenohumeral Osteoarthritis. Journal of Bone and Joint Surgery - Series A, 2018, 100, 49-56.	3.0	73
35	Effect of a Variable Prosthetic Neck-Shaft Angle and the Surgical Technique on Replication of Normal Humeral Anatomy. Journal of Bone and Joint Surgery - Series A, 2009, 91, 1932-1941.	3.0	72
36	3D CT Assessment of the Relationship Between Humeral Head Alignment and Glenoid Retroversion in Glenohumeral Osteoarthritis. Journal of Bone and Joint Surgery - Series A, 2014, 96, e64.	3.0	72

#	ARTICLE	IF	CITATIONS
37	Poor utility of serum interleukin-6 levels to predict indolent periprosthetic shoulder infections. Journal of Shoulder and Elbow Surgery, 2014, 23, 1277-1281.	2.6	72
38	Accuracy of 3-Dimensional Planning, Implant Templating, and Patient-Specific Instrumentation in Anatomic Total Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2019, 101, 446-457.	3.0	72
39	Iterative metal artifact reduction: Evaluation and optimization of technique. Skeletal Radiology, 2014, 43, 1729-1735.	2.0	67
40	Clinical and Radiographic Outcomes of a Posteriorly Augmented Glenoid Component in Anatomic Total Shoulder Arthroplasty for Primary Osteoarthritis with Posterior Glenoid Bone Loss. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1934-1948.	3.0	66
41	Reverse Total Shoulder Arthroplasty for Acute Fractures and Failed Management After Proximal Humeral Fractures. Orthopedic Clinics of North America, 2008, 39, 451-457.	1.2	65
42	Liftoff resistance of augmented glenoid components during cyclic fatigue loading in the posterior-superior direction. Journal of Shoulder and Elbow Surgery, 2013, 22, 1530-1536.	2.6	65
43	The Association Between Rotator Cuff Muscle Fatty Infiltration and Glenoid Morphology in Glenohumeral Osteoarthritis. Journal of Bone and Joint Surgery - Series A, 2018, 100, 381-387.	3.0	64
44	Iliotibial band reconstruction for treatment of glenohumeral instability associated with irreparable capsular deficiency. Journal of Shoulder and Elbow Surgery, 2002, 11, 618-623.	2.6	62
45	Is Premorbid Glenoid Anatomy Altered in Patients with Glenohumeral Osteoarthritis?. Clinical Orthopaedics and Related Research, 2013, 471, 2932-2939.	1.5	60
46	Accuracy and reliability of postoperative radiographic measurements of glenoid anatomy and relationships in patients with total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2013, 22, 1068-1077.	2.6	52
47	Neer Award 2015: Analysis of cytokine profiles in the diagnosis of periprosthetic joint infections of the shoulder. Journal of Shoulder and Elbow Surgery, 2017, 26, 186-196.	2.6	50
48	Predictors of acromial and scapular stress fracture after reverse shoulder arthroplasty: a study by the ASES Complications of RSA Multicenter Research Group. Journal of Shoulder and Elbow Surgery, 2021, 30, 2296-2305.	2.6	49
49	Performance of implant sonication culture for the diagnosis of periprosthetic shoulder infection. Journal of Shoulder and Elbow Surgery, 2018, 27, 211-216.	2.6	47
50	Imaging of Arthroplasties: Improved Image Quality and Lesion Detection With Iterative Metal Artifact Reduction, a New CT Metal Artifact Reduction Technique. American Journal of Roentgenology, 2016, 207, 378-385.	2.2	46
51	Inter-rater reliability of an arthritic glenoid morphology classification system. Journal of Shoulder and Elbow Surgery, 2008, 17, 575-577.	2.6	44
52	Scapular Notching After Reverse Total Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1095-1103.	3.0	44
53	Variation in neck-shaft angle: influence in prosthetic design. American Journal of Orthopedics, 2007, 36, 9-14.	0.7	42
54	Comparison of radiographic and clinical outcomes of revision reverse total shoulder arthroplasty with structural versus nonstructural bone graft. Journal of Shoulder and Elbow Surgery, 2019, 28, e1-e9.	2.6	39

#	ARTICLE	IF	CITATIONS
55	Social Media in Shoulder & Elbow Surgery: An Analysis of Twitter and Instagram. International Journal of Sports Medicine, 2018, 39, 564-570.	1.7	36
56	Evidence-based thresholds for the volume-value relationship in shoulder arthroplasty: outcomes and economies of scale. Journal of Shoulder and Elbow Surgery, 2017, 26, 1399-1406.	2.6	34
57	A prospective, multicenter study to evaluate clinical and radiographic outcomes in primary rotator cuff repair reinforced with a xenograft dermal matrix. Journal of Shoulder and Elbow Surgery, 2016, 25, 1961-1970.	2.6	33
58	Development and validation of a new method of 3-dimensional assessment of glenoid and humeral component position after total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2013, 22, 1413-1422.	2.6	31
59	Surgical management of the biconcave (B2) glenoid. Current Reviews in Musculoskeletal Medicine, 2016, 9, 30-39.	3.5	30
60	The Association Between Readmission and Patient Experience in a Total Hip Arthroplasty Population. Journal of Arthroplasty, 2018, 33, 1668-1674.	3.1	29
61	Mobile technology and telemedicine for shoulder range of motion: validation of a motion-based machine-learning software development kit. Journal of Shoulder and Elbow Surgery, 2018, 27, 1198-1204.	2.6	29
62	The effects of prosthetic humeral head shape on glenohumeral joint kinematics during humeral axial rotation in total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2016, 25, 1084-1093.	2.6	26
63	Greater patient confidence yields greater functional outcomes after primary total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2015, 24, 1263-1267.	2.6	21
64	An Update on Surgical Management of the Repairable Large-to-Massive Rotator Cuff Tear. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1742-1754.	3.0	20
65	Sequential 3-dimensional computed tomography analysis of implant position following total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2018, 27, 983-992.	2.6	19
66	Nonprosthetic management of proximal humeral fractures. Instructional Course Lectures, 2004, 53, 403-16.	0.2	18
67	Agreement study of radiographic classification of rotator cuff tear arthropathy. Journal of Shoulder and Elbow Surgery, 2010, 19, 1243-1249.	2.6	17
68	Associations of Preoperative Patient Mental Health and Sociodemographic and Clinical Characteristics With Baseline Pain, Function, and Satisfaction in Patients Undergoing Rotator Cuff Repairs. American Journal of Sports Medicine, 2020, 48, 432-443.	4.2	17
69	Stepped Augmented Glenoid Component in Anatomic Total Shoulder Arthroplasty for B2 and B3 Glenoid Pathology. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1798-1806.	3.0	17
70	Hemolytic strains of Propionibacterium acnes do not demonstrate greater pathogenicity in periprosthetic shoulder infections. Journal of Shoulder and Elbow Surgery, 2018, 27, 1097-1104.	2.6	16
71	Validity and efficiency of a smartphone-based electronic data collection tool for operative data in rotator cuff repair. Journal of Shoulder and Elbow Surgery, 2019, 28, 1249-1256.	2.6	16
72	Relationship Between Glenoid Component Shift and Osteolysis After Anatomic Total Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1417-1430.	3.0	15

#	ARTICLE	IF	CITATIONS
73	Management of persistent shoulder pain: a treatment algorithm. American Journal of Orthopedics, 2005, 34, 16-23.	0.7	15
74	Quantification of regional variations in glenoid trabecular bone architecture and mineralization using clinical computed tomography images. Journal of Orthopaedic Research, 2018, 36, 85-96.	2.3	12
75	The Volume-Value Relationship in Shoulder Arthroplasty. Orthopedic Clinics of North America, 2018, 49, 519-525.	1.2	12
76	Tear characteristics and surgeon influence repair technique and suture anchor use in repair of superior-posterior rotator cuff tendon tears. Journal of Shoulder and Elbow Surgery, 2019, 28, 227-236.	2.6	12
77	An Update on Scaffold Devices for Rotator Cuff Repair. Techniques in Shoulder and Elbow Surgery, 2017, 18, 101-112.	0.2	10
78	One and two-year clinical outcomes for a polyethylene glenoid with a fluted peg: one thousand two hundred seventy individual patients from eleven centers. International Orthopaedics, 2019, 43, 367-378.	1.9	10
79	Reliability of the modified Walch classification for advanced glenohumeral osteoarthritis using 3-dimensional computed tomography analysis: a study of the ASES B2 Glenoid Multicenter Research Group. Journal of Shoulder and Elbow Surgery, 2021, 30, 736-746.	2.6	10
80	Three-dimensional computed tomography analysis of pathologic correction in total shoulder arthroplasty based on severity of preoperative pathology. Journal of Shoulder and Elbow Surgery, 2021, 30, 237-249.	2.6	9
81	Biomarkers of Rotator Cuff Disease Severity and Repair Healing. JBJS Reviews, 2018, 6, e9-e9.	2.0	8
82	Inter-rater agreement of rotator cuff tendon and muscle magnetic resonance imaging parameters evaluated preoperatively and during the first postoperative year following rotator cuff repair. Journal of Shoulder and Elbow Surgery, 2021, 30, e741-e752.	2.6	8
83	Reverse total shoulder arthroplasty with combined deltoid reconstruction in patients with anterior and/or middle deltoid tears. Journal of Shoulder and Elbow Surgery, 2016, 25, 936-941.	2.6	7
84	Augmentation with a reinforced acellular fascia lata strip graft limits cyclic gapping of supraspinatus repairs in a human cadaveric model. Journal of Shoulder and Elbow Surgery, 2018, 27, 1105-1111.	2.6	7
85	Associations of preoperative patient mental health status and sociodemographic and clinical characteristics with baseline pain, function, and satisfaction in patients undergoing primary shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2021, 30, e212-e224.	2.6	7
86	Preliminary Validation of the Review of Musculoskeletal System (ROMS) Questionnaire. Journal of Bone and Joint Surgery - Series A, 2015, 97, 582-589.	3.0	6
87	Changes From Baseline in Patient- Reported Outcomes at 1 Year Versus 2 Years After Rotator Cuff Repair: A Systematic Review and Meta-analysis. American Journal of Sports Medicine, 2022, 50, 2304-2314.	4.2	5
88	Suprascapular Neuropathy From Malpositioned Baseplate Screws in Primary Reverse Shoulder Arthroplasty. JBJS Case Connector, 2020, 10, e20.00096-e20.00096.	0.3	5
89	A novel radiopaque tissue marker for soft tissue localization and in vivo length and area measurements. PLoS ONE, 2019, 14, e0224244.	2.5	3
90	Low-dose CT with metal artifact reduction in arthroplasty imaging: a cadaveric and clinical study. Skeletal Radiology, 2021, 50, 955-965.	2.0	3

#	ARTICLE	IF	CITATIONS
91	Hiring Your Next Partner. Journal of Bone and Joint Surgery - Series A, 2014, 96, e150.	3.0	2
92	Imaging of the B2 Glenoid: An Assessment of Glenoid Wear. Journal of Shoulder and Elbow Arthroplasty, 2019, 3, 247154921986181.	0.8	2
93	Validation of a 3D CT imaging method for quantifying implant migration following anatomic total shoulder arthroplasty. Journal of Orthopaedic Research, 2022, 40, 1270-1280.	2.3	2
94	Shoulder and Elbow Fellowships. Clinical Orthopaedics and Related Research, 2006, 449, 241-243.	1.5	1
95	Variability of glenohumeral positioning and bone-to-tendon marker length measurements in repaired rotator cuffs from longitudinal computed tomographic imaging. JSES International, 2020, 4, 838-847.	1.6	1
96	Step-Cut Bone-Graft Technique for Osteoarthritis with Severe Glenoid Bone Loss. JBJS Essential Surgical Techniques, 2014, 4, e14.	0.8	0
97	Response to Corvec et al regarding "Hemolytic strains of Propionibacterium acnes do not demonstrate greater pathogenicity in periprosthetic shoulder infections". Journal of Shoulder and Elbow Surgery, 2018, 27, e316-e317.	2.6	0
98	Effectiveness of a web-based electronic prospective data collection tool for surgical data in shoulder arthroplasty. Seminars in Arthroplasty, 2021, 31, 422-429.	0.7	0
99	Identifying Areas of Screw Fixation in Glenoids with Severe Bone Loss in Shoulder Arthroplasty. Journal of Shoulder and Elbow Surgery, 2022, , .	2.6	0