

# Joseph Iannotti

## List of Publications by Year in descending order

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99  
papers

6,832  
citations

46918

47  
h-index

58464

82  
g-index

99  
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99  
docs citations

99  
times ranked

3363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of a 3D CT imaging method for quantifying implant migration following anatomic total shoulder arthroplasty. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1270-1280.	1.2	2
2	Changes From Baseline in Patient- Reported Outcomes at 1 Year Versus 2 Years After Rotator Cuff Repair: A Systematic Review and Meta-analysis. <i>American Journal of Sports Medicine</i> , 2022, 50, 2304-2314.	1.9	5
3	Identifying Areas of Screw Fixation in Glenoids with Severe Bone Loss in Shoulder Arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, , .	1.2	0
4	Three-dimensional computed tomography analysis of pathologic correction in total shoulder arthroplasty based on severity of preoperative pathology. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 237-249.	1.2	9
5	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. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 736-746.	1.2	10
6	Low-dose CT with metal artifact reduction in arthroplasty imaging: a cadaveric and clinical study. <i>Skeletal Radiology</i> , 2021, 50, 955-965.	1.2	3
7	Associations of preoperative patient mental health status and sociodemographic and clinical characteristics with baseline pain, function, and satisfaction in patients undergoing primary shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, e212-e224.	1.2	7
8	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. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, e741-e752.	1.2	8
9	Relationship Between Glenoid Component Shift and Osteolysis After Anatomic Total Shoulder Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1417-1430.	1.4	15
10	Stepped Augmented Glenoid Component in Anatomic Total Shoulder Arthroplasty for B2 and B3 Glenoid Pathology. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1798-1806.	1.4	17
11	Effectiveness of a web-based electronic prospective data collection tool for surgical data in shoulder arthroplasty. <i>Seminars in Arthroplasty</i> , 2021, 31, 422-429.	0.3	0
12	Predictors of acromial and scapular stress fracture after reverse shoulder arthroplasty: a study by the ASES Complications of RSA Multicenter Research Group. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 2296-2305.	1.2	49
13	Associations of Preoperative Patient Mental Health and Sociodemographic and Clinical Characteristics With Baseline Pain, Function, and Satisfaction in Patients Undergoing Rotator Cuff Repairs. <i>American Journal of Sports Medicine</i> , 2020, 48, 432-443.	1.9	17
14	An Update on Surgical Management of the Repairable Large-to-Massive Rotator Cuff Tear. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1742-1754.	1.4	20
15	Variability of glenohumeral positioning and bone-to-tendon marker length measurements in repaired rotator cuffs from longitudinal computed tomographic imaging. <i>JSES International</i> , 2020, 4, 838-847.	0.7	1
16	Suprascapular Neuropathy From Malpositioned Baseplate Screws in Primary Reverse Shoulder Arthroplasty. <i>JBJS Case Connector</i> , 2020, 10, e20.00096-e20.00096.	0.1	5
17	Imaging of the B2 Glenoid: An Assessment of Glenoid Wear. <i>Journal of Shoulder and Elbow Arthroplasty</i> , 2019, 3, 247154921986181.	0.5	2
18	A novel radiopaque tissue marker for soft tissue localization and in vivo length and area measurements. <i>PLoS ONE</i> , 2019, 14, e0224244.	1.1	3

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19	Validity and efficiency of a smartphone-based electronic data collection tool for operative data in rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1249-1256.	1.2	16
20	Accuracy of 3-Dimensional Planning, Implant Templating, and Patient-Specific Instrumentation in Anatomic Total Shoulder Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 446-457.	1.4	72
21	Comparison of radiographic and clinical outcomes of revision reverse total shoulder arthroplasty with structural versus nonstructural bone graft. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, e1-e9.	1.2	39
22	Development and Validation of a Machine Learning Algorithm After Primary Total Hip Arthroplasty: Applications to Length of Stay and Payment Models. <i>Journal of Arthroplasty</i> , 2019, 34, 632-637.	1.5	99
23	Tear characteristics and surgeon influence repair technique and suture anchor use in repair of superior-posterior rotator cuff tendon tears. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 227-236.	1.2	12
24	One and two-year clinical outcomes for a polyethylene glenoid with a fluted peg: one thousand two hundred seventy individual patients from eleven centers. <i>International Orthopaedics</i> , 2019, 43, 367-378.	0.9	10
25	Quantification of regional variations in glenoid trabecular bone architecture and mineralization using clinical computed tomography images. <i>Journal of Orthopaedic Research</i> , 2018, 36, 85-96.	1.2	12
26	Hemolytic strains of <i>Propionibacterium acnes</i> do not demonstrate greater pathogenicity in periprosthetic shoulder infections. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1097-1104.	1.2	16
27	The Association Between Rotator Cuff Muscle Fatty Infiltration and Glenoid Morphology in Glenohumeral Osteoarthritis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 381-387.	1.4	64
28	Sequential 3-dimensional computed tomography analysis of implant position following total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 983-992.	1.2	19
29	Augmentation with a reinforced acellular fascia lata strip graft limits cyclic gapping of supraspinatus repairs in a human cadaveric model. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1105-1111.	1.2	7
30	The Association Between Readmission and Patient Experience in a Total Hip Arthroplasty Population. <i>Journal of Arthroplasty</i> , 2018, 33, 1668-1674.	1.5	29
31	Progression of Glenoid Morphology in Glenohumeral Osteoarthritis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 49-56.	1.4	73
32	Mobile technology and telemedicine for shoulder range of motion: validation of a motion-based machine-learning software development kit. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1198-1204.	1.2	29
33	Performance of implant sonication culture for the diagnosis of periprosthetic shoulder infection. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 211-216.	1.2	47
34	Clinical and Radiographic Outcomes of a Posteriorly Augmented Glenoid Component in Anatomic Total Shoulder Arthroplasty for Primary Osteoarthritis with Posterior Glenoid Bone Loss. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1934-1948.	1.4	66
35	Biomarkers of Rotator Cuff Disease Severity and Repair Healing. <i>JBJS Reviews</i> , 2018, 6, e9-e9.	0.8	8
36	The Volume-Value Relationship in Shoulder Arthroplasty. <i>Orthopedic Clinics of North America</i> , 2018, 49, 519-525.	0.5	12

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37	Social Media in Shoulder & Elbow Surgery: An Analysis of Twitter and Instagram. <i>International Journal of Sports Medicine</i> , 2018, 39, 564-570.	0.8	36
38	Scapular Notching After Reverse Total Shoulder Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1095-1103.	1.4	44
39	Response to Corvec et al regarding "Hemolytic strains of <i>Propionibacterium acnes</i> do not demonstrate greater pathogenicity in periprosthetic shoulder infections". <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, e316-e317.	1.2	0
40	Quantitative Measurement of Osseous Pathology in Advanced Glenohumeral Osteoarthritis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 1460-1468.	1.4	73
41	Evidence-based thresholds for the volume-value relationship in shoulder arthroplasty: outcomes and economies of scale. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 1399-1406.	1.2	34
42	An Update on Scaffold Devices for Rotator Cuff Repair. <i>Techniques in Shoulder and Elbow Surgery</i> , 2017, 18, 101-112.	0.2	10
43	Neer Award 2015: Analysis of cytokine profiles in the diagnosis of periprosthetic joint infections of the shoulder. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 186-196.	1.2	50
44	Surgical management of the biconcave (B2) glenoid. <i>Current Reviews in Musculoskeletal Medicine</i> , 2016, 9, 30-39.	1.3	30
45	Imaging of Arthroplasties: Improved Image Quality and Lesion Detection With Iterative Metal Artifact Reduction, a New CT Metal Artifact Reduction Technique. <i>American Journal of Roentgenology</i> , 2016, 207, 378-385.	1.0	46
46	A prospective, multicenter study to evaluate clinical and radiographic outcomes in primary rotator cuff repair reinforced with a xenograft dermal matrix. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 1961-1970.	1.2	33
47	The effects of prosthetic humeral head shape on glenohumeral joint kinematics during humeral axial rotation in total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 1084-1093.	1.2	26
48	Reverse total shoulder arthroplasty with combined deltoid reconstruction in patients with anterior and/or middle deltoid tears. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 936-941.	1.2	7
49	Synovial Fluid Interleukin-6 as a Predictor of Periprosthetic Shoulder Infection. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 63-70.	1.4	92
50	Early Versus Late Culture Growth of <i>Propionibacterium acnes</i> in Revision Shoulder Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1149-1158.	1.4	105
51	Three-Dimensional Imaging and Templating Improve Glenoid Implant Positioning. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 651-658.	1.4	167
52	Preliminary Validation of the Review of Musculoskeletal System (ROMS) Questionnaire. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 582-589.	1.4	6
53	$\hat{\pm}$ -Defensin as a predictor of periprosthetic shoulder infection. <i>Journal of Shoulder and Elbow Surgery</i> , 2015, 24, 1021-1027.	1.2	134
54	Greater patient confidence yields greater functional outcomes after primary total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2015, 24, 1263-1267.	1.2	21

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55	Iterative metal artifact reduction: Evaluation and optimization of technique. <i>Skeletal Radiology</i> , 2014, 43, 1729-1735.	1.2	67
56	Hiring Your Next Partner. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e150.	1.4	2
57	3D CT Assessment of the Relationship Between Humeral Head Alignment and Glenoid Retroversion in Glenohumeral Osteoarthritis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e64.	1.4	72
58	Sensitivity of Frozen Section Histology for Identifying <i>Propionibacterium acnes</i> Infections in Revision Shoulder Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 442-447.	1.4	99
59	Three-Dimensional Preoperative Planning Software and a Novel Information Transfer Technology Improve Glenoid Component Positioning. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e71.	1.4	137
60	Step-Cut Bone-Graft Technique for Osteoarthritis with Severe Glenoid Bone Loss. <i>JBJS Essential Surgical Techniques</i> , 2014, 4, e14.	0.3	0
61	Poor utility of serum interleukin-6 levels to predict indolent periprosthetic shoulder infections. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 1277-1281.	1.2	72
62	Determination of humeral head size in anatomic shoulder replacement for glenohumeral osteoarthritis. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 955-963.	1.2	78
63	Radiographic assessment of prosthetic humeral head size after anatomic shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 1740-1746.	1.2	78
64	Correction of acquired glenoid bone loss in osteoarthritis with a standard versus an augmented glenoid component. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 964-973.	1.2	91
65	Is Premorbid Glenoid Anatomy Altered in Patients with Glenohumeral Osteoarthritis?. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2932-2939.	0.7	60
66	Liftoff resistance of augmented glenoid components during cyclic fatigue loading in the posterior-superior direction. <i>Journal of Shoulder and Elbow Surgery</i> , 2013, 22, 1530-1536.	1.2	65
67	Failure With Continuity in Rotator Cuff Repair â€œHealingâ€. <i>American Journal of Sports Medicine</i> , 2013, 41, 134-141.	1.9	98
68	Development and validation of a new method of 3-dimensional assessment of glenoid and humeral component position after total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2013, 22, 1413-1422.	1.2	31
69	Accuracy and reliability of postoperative radiographic measurements of glenoid anatomy and relationships in patients with total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2013, 22, 1068-1077.	1.2	52
70	Time to Failure After Rotator Cuff Repair. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 965-971.	1.4	258
71	Glenoid Component Retroversion Is Associated with Osteolysis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, e82-1-8.	1.4	213
72	Comparison of Patient-Specific Instruments with Standard Surgical Instruments in Determining Glenoid Component Position. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 2167-2175.	1.4	215

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73	Effect of glenoid deformity on glenoid component placement in primary shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 48-55.	1.2	155
74	Fate of large structural allograft for treatment of severe uncontained glenoid bone deficiency. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 765-771.	1.2	93
75	Predicting normal glenoid version from the pathologic scapula: a comparison of 4 methods in 2- and 3-dimensional models. <i>Journal of Shoulder and Elbow Surgery</i> , 2011, 20, 234-244.	1.2	120
76	Agreement study of radiographic classification of rotator cuff tear arthropathy. <i>Journal of Shoulder and Elbow Surgery</i> , 2010, 19, 1243-1249.	1.2	17
77	Effect of a Variable Prosthetic Neck-Shaft Angle and the Surgical Technique on Replication of Normal Humeral Anatomy. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 1932-1941.	1.4	72
78	Reverse Total Shoulder Arthroplasty for Acute Fractures and Failed Management After Proximal Humeral Fractures. <i>Orthopedic Clinics of North America</i> , 2008, 39, 451-457.	0.5	65
79	Quantitative analysis of glenoid bone loss in osteoarthritis using three-dimensional computed tomography scans. <i>Journal of Shoulder and Elbow Surgery</i> , 2008, 17, 328-335.	1.2	101
80	Normal glenoid vault anatomy and validation of a novel glenoid implant shape. <i>Journal of Shoulder and Elbow Surgery</i> , 2008, 17, 471-478.	1.2	100
81	The three-dimensional glenoid vault model can estimate normal glenoid version in osteoarthritis. <i>Journal of Shoulder and Elbow Surgery</i> , 2008, 17, 487-491.	1.2	134
82	Inter-rater reliability of an arthritic glenoid morphology classification system. <i>Journal of Shoulder and Elbow Surgery</i> , 2008, 17, 575-577.	1.2	44
83	The Influence of Three-Dimensional Computed Tomography Images of the Shoulder in Preoperative Planning for Total Shoulder Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 2438-2445.	1.4	146
84	Functional outcome of arthroscopic rotator cuff repairs: A correlation of anatomic and clinical results. <i>Journal of Shoulder and Elbow Surgery</i> , 2007, 16, 759-765.	1.2	144
85	Variation in neck-shaft angle: influence in prosthetic design. <i>American Journal of Orthopedics</i> , 2007, 36, 9-14.	0.7	42
86	Shoulder and Elbow Fellowships. <i>Clinical Orthopaedics and Related Research</i> , 2006, 449, 241-243.	0.7	1
87	The Penn Shoulder Score: Reliability and Validity. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2006, 36, 138-151.	1.7	239
88	Porcine Small Intestine Submucosa Augmentation of Surgical Repair of Chronic Two-Tendon Rotator Cuff Tears. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 1238-1244.	1.4	353
89	Latissimus Dorsi Tendon Transfer for Irreparable Posterosuperior Rotator Cuff Tears. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 342-348.	1.4	158
90	Accuracy of Office-Based Ultrasonography of the Shoulder for the Diagnosis of Rotator Cuff Tears. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 1305.	1.4	128

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91	Changes in Rotator Cuff Muscle Volume, Fat Content, and Passive Mechanics After Chronic Detachment in a Canine Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 2662-2670.	1.4	91
92	Use of three-dimensional computed tomography for the analysis of the glenoid anatomy. <i>Journal of Shoulder and Elbow Surgery</i> , 2005, 14, 85-90.	1.2	277
93	Prosthetic positioning in total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2005, 14, S111-S121.	1.2	134
94	Management of persistent shoulder pain: a treatment algorithm. <i>American Journal of Orthopedics</i> , 2005, 34, 16-23.	0.7	15
95	ROTATOR CUFF TEARS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004, 86, 2764-2776.	1.4	100
96	Nonprosthetic management of proximal humeral fractures. <i>Instructional Course Lectures</i> , 2004, 53, 403-16.	0.2	18
97	INFLUENCE OF PREOPERATIVE FACTORS ON OUTCOME OF SHOULDER ARTHROPLASTY FOR GLENOHUMERAL OSTEOARTHRITIS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003, 85, 251-258.	1.4	389
98	Iliotibial band reconstruction for treatment of glenohumeral instability associated with irreparable capsular deficiency. <i>Journal of Shoulder and Elbow Surgery</i> , 2002, 11, 618-623.	1.2	62
99	Prospective Longitudinal Analysis of Postoperative Shoulder Function. <i>Journal of Bone and Joint Surgery - Series A</i> , 2001, 83, 1052-1056.	1.4	229