## Mark A Frankle

List of Publications by Year in descending order

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126 papers

8,615 citations

41258 49 h-index 92 g-index

134 all docs

134 docs citations

134 times ranked 2772 citing authors

#	Article	IF	CITATIONS
1	Reverse Shoulder Arthroplasty for the Treatment of Rotator Cuff Deficiency. Journal of Bone and Joint Surgery - Series A, 2008, 90, 1244-1251.	1.4	550
2	The Reverse Shoulder Prosthesis for Glenohumeral Arthritis Associated with Severe Rotator Cuff Deficiency <sbt aid="1022701">A Minimum Two-Year Follow-up Study of Sixty Patients</sbt> . Journal of Bone and Joint Surgery - Series A, 2005, 87, 1697.	1.4	467
3	Reverse Shoulder Arthroplasty for the Treatment of Irreparable Rotator Cuff Tear without Glenohumeral Arthritis. Journal of Bone and Joint Surgery - Series A, 2010, 92, 2544-2556.	1.4	420
4	A Comparison of Open Reduction and Internal Fixation and Primary Total Elbow Arthroplasty in the Treatment of Intraarticular Distal Humerus Fractures in Women Older Than Age 65. Journal of Orthopaedic Trauma, 2003, 17, 473-480.	0.7	337
5	Complications in Reverse Total Shoulder Arthroplasty. Journal of the American Academy of Orthopaedic Surgeons, The, 2011, 19, 439-449.	1.1	307
6	Range of Impingement-Free Abduction and Adduction Deficit After Reverse Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2008, 90, 2606-2615.	1.4	284
7	The Use of the Reverse Shoulder Prosthesis for the Treatment of Failed Hemiarthroplasty for Proximal Humeral Fracture. Journal of Bone and Joint Surgery - Series A, 2007, 89, 292-300.	1.4	271
8	Outcomes of hemiarthroplasty for fractures of the proximal humerus. Journal of Shoulder and Elbow Surgery, 2003, 12, 569-577.	1.2	267
9	Initial glenoid component fixation in "reverse―total shoulder arthroplasty: A biomechanical evaluation. Journal of Shoulder and Elbow Surgery, 2005, 14, S162-S167.	1.2	243
10	Evaluation of abduction range of motion and avoidance of inferior scapular impingement in a reverse shoulder model. Journal of Shoulder and Elbow Surgery, 2008, 17, 608-615.	1.2	205
11	Biomechanical comparison of component position and hardware failure in the reverse shoulder prosthesis. Journal of Shoulder and Elbow Surgery, 2007, 16, S9-S12.	1.2	192
12	Glenoid morphology in reverse shoulder arthroplasty: Classification and surgical implications. Journal of Shoulder and Elbow Surgery, 2009, 18, 874-885.	1.2	192
13	Effects of Acquired Glenoid Bone Defects on Surgical Technique and Clinical Outcomes in Reverse Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2010, 92, 1144-1154.	1.4	175
14	The Reverse Shoulder Prosthesis for Glenohumeral Arthritis Associated with Severe Rotator Cuff Deficiency. Journal of Bone and Joint Surgery - Series A, 2006, 88, 178-190.	1.4	161
15	The use of the reverse shoulder arthroplasty for treatment of failed total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2012, 21, 514-522.	1.2	153
16	Reverse Shoulder Arthroplasty for the Treatment of Rotator Cuff Deficiency. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1996-2000.	1.4	147
17	Effects of tilt and glenosphere eccentricity on baseplate/bone interface forces in a computational model, validated by a mechanical model, of reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2011, 20, 732-739.	1.2	144
18	Scapular fractures after reverse shoulder arthroplasty: evaluation of risk factors and the reliability of a proposed classification. Journal of Shoulder and Elbow Surgery, 2013, 22, 1514-1521.	1.2	141

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19	Reverse shoulder arthroplasty in patients with rheumatoid arthritis. Journal of Shoulder and Elbow Surgery, 2010, 19, 1076-1084.	1.2	131
20	Revision Arthroplasty with Use of a Reverse Shoulder Prosthesis-Allograft Composite. Journal of Bone and Joint Surgery - Series A, 2009, 91, 119-127.	1.4	128
21	Reverse shoulder arthroplasty for massive rotator cuff tear: risk factors for poor functional improvement. Journal of Shoulder and Elbow Surgery, 2015, 24, 1698-1706.	1.2	124
22	Reverse Shoulder Arthroplasty for the Treatment of Rotator Cuff Deficiency. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1895-1899.	1.4	121
23	Accuracy of patient-specific guided glenoid baseplate positioning for reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2014, 23, 1563-1567.	1.2	114
24	Revision reverse shoulder arthroplasty for glenoid baseplate failure after primary reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2009, 18, 717-723.	1.2	113
25	Stability of tuberosity reattachment in proximal humeral hemiarthroplasty. Journal of Shoulder and Elbow Surgery, 2002, 11, 413-420.	1.2	108
26	Retrograde Reamed Femoral Nailing. Journal of Orthopaedic Trauma, 1993, 7, 293-302.	0.7	107
27	Results of surgical treatment for unstable distal clavicular fractures. Journal of Shoulder and Elbow Surgery, 2010, 19, 1049-1055.	1.2	106
28	What is the effect of postoperative scapular fracture onÂoutcomes of reverse shoulder arthroplasty?. Journal of Shoulder and Elbow Surgery, 2014, 23, 782-790.	1.2	102
29	The Reverse Shoulder Prosthesis for Glenohumeral Arthritis Associated with Severe Rotator Cuff Deficiency. Journal of Bone and Joint Surgery - Series A, 2006, 88, 178-190.	1.4	97
30	Proximal humeral malunion treated with reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2012, 21, 507-513.	1.2	96
31	Biomechanical effects of malposition of tuberosity fragments on the humeral prosthetic reconstruction for four-part proximal humerus fractures. Journal of Shoulder and Elbow Surgery, 2001, 10, 321-326.	1.2	95
32	The Use of the Reverse Shoulder Prosthesis for the Treatment of Failed Hemiarthroplasty for Proximal Humeral Fracture. Journal of Bone and Joint Surgery - Series A, 2007, 89, 292-300.	1.4	93
33	Reverse shoulder arthroplasty components and surgical techniques that restore glenohumeral motion. Journal of Shoulder and Elbow Surgery, 2013, 22, 179-187.	1.2	90
34	Outcome and value of reverse shoulder arthroplasty for treatment of glenohumeral osteoarthritis: a matched cohort. Journal of Shoulder and Elbow Surgery, 2015, 24, 1433-1441.	1.2	89
35	How Reverse Shoulder Arthroplasty Works. Clinical Orthopaedics and Related Research, 2011, 469, 2440-2451.	0.7	88
36	Young patients with shoulder chondrolysis following arthroscopic shoulder surgery treated with total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2008, 17, 380-388.	1.2	84

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37	Torsional stability of modular and non-modular reverse shoulder humeral components in a proximal humeral bone loss model. Journal of Shoulder and Elbow Surgery, 2011, 20, 646-651.	1.2	81
38	Surgically Treated Humeral Shaft Fractures Following Shoulder Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2013, 95, 9-18.	1.4	79
39	In vitro and finite element analysis of glenoid bone/baseplate interaction in the reverse shoulder design. Journal of Shoulder and Elbow Surgery, 2008, 17, 509-521.	1.2	73
40	Outcomes and Costs of Reverse Shoulder Arthroplasty in the Morbidly Obese. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1169-1176.	1.4	71
41	Acute surgical management of proximal humerus fractures: ORIF vs. hemiarthroplasty vs. reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2020, 29, S32-S40.	1.2	69
42	Kinematic analysis of dynamic shoulder motion in patients with reverse total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2012, 21, 1184-1190.	1.2	68
43	Reverse shoulder arthroplasty in patients younger than 55 years: 2- to 12-year follow-up. Journal of Shoulder and Elbow Surgery, 2017, 26, 792-797.	1.2	64
44	Techniques and principles of tuberosity fixation for proximal humeral fractures treated with hemiarthroplasty. Journal of Shoulder and Elbow Surgery, 2004, 13, 239-247.	1.2	61
45	Arc of motion and socket depth in reverse shoulder implants. Clinical Biomechanics, 2009, 24, 473-479.	0.5	60
46	Is a formal physical therapy program necessary after total shoulder arthroplasty for osteoarthritis?. Journal of Shoulder and Elbow Surgery, 2010, 19, 570-579.	1.2	58
47	Results of closed management of acute dislocation after reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2015, 24, 621-627.	1.2	58
48	Factors that predict postoperative motion in patients treated with reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2014, 23, 1289-1295.	1.2	53
49	The risk of postoperative scapular spine fracture following reverse shoulder arthroplasty is increased with an onlay humeral stem. Journal of Shoulder and Elbow Surgery, 2020, 29, 2556-2563.	1.2	52
50	Osteoporosis and shoulder osteoarthritis: incidence, risk factors, and surgical implications. Journal of Shoulder and Elbow Surgery, 2013, 22, e1-e8.	1.2	51
51	Technique for Internal Fixation of Capitellum and Lateral Trochlea Fractures. Journal of Orthopaedic Trauma, 2006, 20, 699-704.	0.7	49
52	Isometric strength, range of motion, and impairment before and after total and reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2013, 22, 869-876.	1.2	49
53	The effects of glenoid wear patterns on patients with osteoarthritis in total shoulder arthroplasty: an assessment of outcomes and value. Journal of Shoulder and Elbow Surgery, 2015, 24, 682-690.	1.2	49
54	Revision for a failed reverse: a 12-year review of a lateralized implant. Journal of Shoulder and Elbow Surgery, 2016, 25, e115-e124.	1.2	49

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55	Is there a relationship between preoperative diagnosis and clinical outcomes in reverse shoulder arthroplasty? An experience in 699 shoulders. Journal of Shoulder and Elbow Surgery, 2019, 28, S110-S117.	1.2	49
56	Morphologic Variability of the Shoulder between the Populations of North American and East Asian. Clinics in Orthopedic Surgery, 2016, 8, 280.	0.8	45
57	Correlation of Subjective and Objective Measures Before and After Shoulder Arthroplasty. Orthopedics, 2013, 36, 808-814.	0.5	44
58	Massive Rotator Cuff Tear: When to Consider Reverse Shoulder Arthroplasty. Current Reviews in Musculoskeletal Medicine, 2018, 11, 131-140.	1.3	43
59	Glenoid subchondral bone density distribution in male total shoulder arthroplasty subjects with eccentric and concentric wear. Journal of Shoulder and Elbow Surgery, 2015, 24, 416-424.	1.2	40
60	Difficulty in decision making in the treatment of displaced proximal humerus fractures: the effect of uncertainty on surgical outcomes. Journal of Shoulder and Elbow Surgery, 2018, 27, 470-477.	1.2	40
61	Classification of instability after reverse shoulder arthroplasty guides surgical management and outcomes. Journal of Shoulder and Elbow Surgery, 2018, 27, e107-e118.	1.2	39
62	Results of proximal humeral locked plating with supplemental suture fixation of rotator cuff. Journal of Shoulder and Elbow Surgery, 2011, 20, 616-624.	1.2	36
63	Preparing for the bundled-payment initiative: the cost and clinical outcomes of total shoulder arthroplasty forÂthe surgical treatment of glenohumeral arthritis atÂanÂaverage 4-year follow-up. Journal of Shoulder and Elbow Surgery, 2013, 22, 1601-1611.	1.2	36
64	Preparing for the bundled-payment initiative: the cost and clinical outcomes of reverse shoulder arthroplasty for the surgical treatment of advanced rotator cuff deficiency at an average 4-year follow-up. Journal of Shoulder and Elbow Surgery, 2013, 22, 1612-1622.	1.2	36
65	Clinical outcomes following reverse shoulder arthroplasty–allograft composite for revision of failed arthroplasty associated with proximal humeral bone deficiency: 2- to 15-year follow-up. Journal of Shoulder and Elbow Surgery, 2019, 28, 900-907.	1.2	36
66	Glenosphere dissociation after reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2015, 24, 1061-1068.	1.2	35
67	Surgical management of periprosthetic shoulder infections. Journal of Shoulder and Elbow Surgery, 2017, 26, 1222-1229.	1.2	34
68	Retrograde Reamed Femoral Nailing. Journal of Orthopaedic Trauma, 2014, 28, S15-S24.	0.7	33
69	Tears in the subscapularis tendon: descriptive analysis and results of surgical repair. Joint Bone Spine, 2003, 70, 342-347.	0.8	31
70	Bone Graft Augmentation for Severe Glenoid Bone Loss in Primary Reverse Total Shoulder Arthroplasty. JBJS Open Access, 2017, 2, e0015.	0.8	31
71	Defining the younger patient: age as a predictive factor for outcomes in shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2020, 29, S1-S8.	1.2	28
72	Improving glenoid-side load sharing in a virtual reverse shoulder arthroplasty model. Journal of Shoulder and Elbow Surgery, 2013, 22, 954-962.	1.2	24

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73	The influence of patient- and surgeon-specific factors on operative duration and early postoperative outcomes in shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2017, 26, 1011-1016.	1.2	24
74	A prospective study comparing tendon-to-bone interface healing using an interposition bioresorbable scaffold with a vented anchor for primary rotator cuff repair in sheep. Journal of Shoulder and Elbow Surgery, 2020, 29, 157-166.	1.2	24
75	AAOS Appropriate Use Criteria: Optimizing the Management of Full-Thickness Rotator Cuff Tears. Journal of the American Academy of Orthopaedic Surgeons, The, 2013, 21, 772-775.	1.1	16
76	Morphometry of the human clavicle and intramedullary canal: A 3D, geometryâ€based quantification. Journal of Orthopaedic Research, 2017, 35, 2191-2202.	1.2	15
77	Massive rotator cuff tears without arthropathy: when to consider reverse shoulder arthroplasty. Journal of Bone and Joint Surgery - Series A, 2011, 93, 973-84.	1.4	14
78	A Retrospective Analysis of Plate Contouring in the Tibia Using the Conventional 4.5 (Narrow) Dynamic Compression Plate. Journal of Orthopaedic Trauma, 1994, 8, 59-63.	0.7	13
79	Cost Analysis in Shoulder Arthroplasty Surgery. Advances in Orthopedics, 2012, 2012, 1-4.	0.4	11
80	Total shoulder arthroplasty with minimum 5-year follow-up: does the presence of subchondral cysts in the glenoid increase risk of failure?. Journal of Shoulder and Elbow Surgery, 2018, 27, 794-800.	1.2	9
81	A cohort comparison of humeral implant designs in reverse shoulder arthroplasty: does implant design lead to lower rates of complications and revision?. Journal of Shoulder and Elbow Surgery, 2021, 30, 850-857.	1.2	9
82	Machine Learning Can Predict Level of Improvement in Shoulder Arthroplasty. JBJS Open Access, 2021, 6,	0.8	9
83	Kinematic impact of size on the existing glenohumeral joint in patients undergoing reverse shoulder arthroplasty. Clinical Biomechanics, 2014, 29, 622-628.	0.5	8
84	Optimizing humeral stem fixation in revision reverse shoulder arthroplasty with the cement-within-cement technique. Journal of Shoulder and Elbow Surgery, 2020, 29, S9-S16.	1.2	8
85	The effect of glenoid bone loss and rotator cuff status in failed anatomic shoulder arthroplasty after revision to reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2021, 30, 844-849.	1.2	8
86	Humeral Bone Loss in Revision Shoulder Arthroplasty. American Journal of Orthopedics, 2018, 47, .	0.7	8
87	Elbow Arthroplasty for Distal Humeral Fracturesâ€"Technique, Pearls, and Pitfalls. Operative Techniques in Orthopaedics, 2010, 20, 38-47.	0.2	7
88	Does the etiology of a failed hemiarthroplasty affect outcomes when revised to a reverse shoulder arthroplasty?. Journal of Shoulder and Elbow Surgery, 2020, 29, S149-S156.	1.2	7
89	Triceps Split Technique for Total Elbow Arthroplasty. Techniques in Shoulder and Elbow Surgery, 2002, 3, 23-27.	0.2	6
90	Immediate Total Elbow Arthroplasty for Distal Humerus Fractures. Techniques in Orthopaedics, 2006, 21, 363-373.	0.1	5

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91	Improving preoperative planning of revision surgery after previous anatomic total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2019, 28, S168-S174.	1.2	5
92	Relationship Between Insertion Torque and Compression Strength in the Reverse Total Shoulder Arthroplasty Baseplate. Journal of Orthopaedic Research, 2020, 38, 871-879.	1.2	5
93	Reverse Total Shoulder Replacement for Arthritis With an Irreparable Rotator Cuff Tear. Techniques in Shoulder and Elbow Surgery, 2003, 4, 77-83.	0.2	4
94	Reverse Shoulder Arthroplasty in the Management of Irreparable Rotator Cuff Tears without Arthritis. JBJS Essential Surgical Techniques, 2011, 1, e12.	0.3	4
95	Comparing patient-reported outcome measures and physical examination for internal rotation in patients undergoing reverse shoulder arthroplasty: does surgery alter patients' perception of function?. Journal of Shoulder and Elbow Surgery, 2021, 30, S100-S108.	1.2	4
96	The subscapularis-sparing windowed anterior technique for total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2021, 30, S89-S99.	1.2	4
97	Technique for Unstable Two-Part Surgical Neck Proximal Humeral Fractures Utilizing an Intramedullary Staple Device. Techniques in Shoulder and Elbow Surgery, 2003, 4, 84-88.	0.2	3
98	In vivo wear of polyethylene glenoid components in total shoulder arthroplasty. E-Polymers, 2005, 5, .	1.3	3
99	Quantitative videographic analysis of intraoperative total shoulder arthroplasty is predictive of radiographic implant loosening. JSES Open Access, 2018, 2, 18-22.	0.9	2
100	Do preoperative radiographs help predict intraoperative challenges in revision surgery after previous shoulder hemiarthroplasty?. Journal of Shoulder and Elbow Surgery, 2019, 28, S161-S167.	1.2	2
101	Influence of reverse total shoulder arthroplasty baseplate design on torque and compression relationship. JSES International, 2020, 4, 388-396.	0.7	2
102	Influence of preoperative factors on timing for bilateral shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2021, 30, S116-S122.	1.2	2
103	Radiographic outcomes of patients undergoing reverse shoulder arthroplasty using inlay versus onlay components: is there really a difference?. Seminars in Arthroplasty, 2021, 31, 620-628.	0.3	2
104	Acromial fractures following reverse shoulder arthroplasty: the role of the acromial morphology and a comparison of clinical outcomes. Journal of Shoulder and Elbow Surgery, 2022, 31, S34-S43.	1.2	2
105	Letters to the editors. Journal of Orthopaedic Research, 2006, 24, 112-113.	1.2	1
106	Rationale, Technique, and Results of the DJO Surgical Reverse Total Shoulder Arthroplasty. Operative Techniques in Orthopaedics, 2011, 21, 60-68.	0.2	1
107	DJO Surgical Reverse Shoulder Prosthesis (RSPâ,,¢). , 2016, , 343-356.		1
108	Optimizing humeral stem fixation in revision shoulder arthroplasty with the cement-within-cement technique: A biomechanical evaluation. Seminars in Arthroplasty, 2020, 30, 210-216.	0.3	1

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109	Measurement of Resource Utilization for Total and Reverse Shoulder Arthroplasty. American Journal of Orthopedics, 2015, 44, 446-51.	0.7	1
110	Improved mechanical fixation of an all-polyethylene glenoid reduces postoperative radiolucent lines. Journal of Shoulder and Elbow Surgery, 2022, 31, e386-e398.	1.2	1
111	The Elbow. Journal of Orthopaedic Trauma, 1994, 8, 362.	0.7	O
112	Les lésions du tendon du subscapulaire : étude descriptive et résultats des réparations chirurgicales. Revue Du Rhumatisme (Edition Francaise), 2003, 70, 720-726.	0.0	0
113	Challenging the conclusion, "Clinical outcome was essentially not affected by the notch― Journal of Shoulder and Elbow Surgery, 2009, 18, e51-e52.	1.2	O
114	Prevalence of Osteopenia and Osteoporosis in Patients Undergoing Joint Replacement Surgery. Journal of Clinical Densitometry, 2009, 12, 374.	0.5	0
115	Regarding "Observations on retrieved humeral polyethylene components from reverse total shoulder arthroplasty― Journal of Shoulder and Elbow Surgery, 2011, 20, e22-e23.	1.2	0
116	Acromial Fractures After Reverse Shoulder Arthroplasty: Evaluation of Clinical and Radiographic Risk Factors. Journal of Shoulder and Elbow Surgery, 2013, 22, e38-e39.	1.2	0
117	The 4-year Cost and Clinical Outcomes of Reverse Shoulder Arthroplasty for the Surgical Treatment of the Rotator Cuff Deficient Shoulder. Journal of Shoulder and Elbow Surgery, 2013, 22, e34-e35.	1.2	O
118	The 4-Year Cost and Clinical Outcomes of Shoulder Arthroplasty. Journal of Shoulder and Elbow Surgery, 2013, 22, e40.	1.2	0
119	The Relationship between the Subchondral Bone Density Distribution and Glenoid Depth: An -In-Vivo Pilot Study of Male Total Shoulder Arthroplasty Subjects. Journal of Shoulder and Elbow Surgery, 2014, 23, e240-e241.	1.2	O
120	Outcomes and Value of Reverse Shoulder Arthroplasty for the Treatment of Glenohumeral Osteoarthritis with an Intact Rotator Cuff: A Matched Cohort Study. Journal of Shoulder and Elbow Surgery, 2015, 24, e113-e114.	1.2	0
121	Hemi, Conventional, and Reverse Total Shoulder Arthroplasty for the Treatment of Proximal Humerus Fractures., 2018,, 33-52.		O
122	20 YEARS OF RSP – THE 5 MOST IMPORTANT LESSONS I'VE LEARNED. Issue of Rehabilitation, Orthopaedy, Neurophysiology and Sport Promotion-IRONS, 2021, 37, 63-69.	0.0	0
123	Counterpoint: Should Rotator Cuff Tears Be Repaired Early?. Orthopedics, 2010, 33, 230-231.	0.5	O
124	Hemiarthroplasty for Proximal Humerus Fracture. , 2011, , 507-523.		0
125	Do preoperative factors and implant design features influence humeral stem extraction efforts?. Journal of Shoulder and Elbow Surgery, 2022, , .	1.2	O
126	Identifying Areas of Screw Fixation in Glenoids with Severe Bone Loss in Shoulder Arthroplasty. Journal of Shoulder and Elbow Surgery, 2022, , .	1.2	0