Mark A Frankle

List of Publications by Year in Descending Order

112 papers	6,541 citations	44 h-index	80 g-index
134 ext. papers	7,637 ext. citations	3.4 avg, IF	5.74 L-index

#	Paper	IF	Citations
112	Influence of preoperative factors on timing for bilateral shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2021**, 30, S116-S122	4.3	0
111	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	4.3	0
110	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	4.3	2
109	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	4.3	3
108	The subscapularis-sparing windowed anterior technique for total shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2021**, 30, S89-S99	4.3	1
107	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	0.4	0
106	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	4.3	2
105	Influence of reverse total shoulder arthroplasty baseplate design on torque and compression relationship. *JSES International*, **2020**, 4, 388-396	1.2	0
104	Acute surgical management of proximal humerus fractures: ORIF vs. hemiarthroplasty vs. reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2020**, 29, S32-S40	4.3	15
103	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	4.3	4
102	Relationship Between Insertion Torque and Compression Strength in the Reverse Total Shoulder Arthroplasty Baseplate. *Journal of Orthopaedic Research*, **2020**, 38, 871-879	3.8	1
101	Defining the younger patient: age as a predictive factor for outcomes in shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2020**, 29, S1-S8	4.3	8
100	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	4.3	16
99	Optimizing humeral stem fixation in revision shoulder arthroplasty with the cement-within-cement technique: A biomechanical evaluation. *Seminars in Arthroplasty*, **2020**, 30, 210-216	0.4	
98	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	4.3	13
97	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	4.3	21
96	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	4.3	24

95	Do preoperative radiographs help predict intraoperative challenges in revision surgery after previous shoulder hemiarthroplasty?. *Journal of Shoulder and Elbow Surgery*, **2019**, 28, S161-S167	4.3	0
94	Improving preoperative planning of revision surgery after previous anatomic total shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2019**, 28, S168-S174	4.3	1
93	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	4.3	22
92	Massive Rotator Cuff Tear: When to Consider Reverse Shoulder Arthroplasty. *Current Reviews in Musculoskeletal Medicine*, **2018**, 11, 131-140	4.6	27
91	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	4.3	6
90	Quantitative videographic analysis of intraoperative total shoulder arthroplasty is predictive of radiographic implant loosening. *JSES Open Access*, **2018**, 2, 18-22	3.2	2
89	Humeral Bone Loss in Revision Shoulder Arthroplasty. *American Journal of Orthopedics*, **2018**, 47,		2
88	Classification of instability after reverse shoulder arthroplasty guides surgical management and outcomes. *Journal of Shoulder and Elbow Surgery*, **2018**, 27, e107-e118	4.3	19
87	Hemi, Conventional, and Reverse Total Shoulder Arthroplasty for the Treatment of Proximal Humerus Fractures **2018**, 33-52		
86	Surgical management of periprosthetic shoulder infections. *Journal of Shoulder and Elbow Surgery*, **2017**, 26, 1222-1229	4.3	24
85	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	4.3	10
84	Morphometry of the human clavicle and intramedullary canal: A 3D, geometry-based quantification. *Journal of Orthopaedic Research*, **2017**, 35, 2191-2202	3.8	10
83	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	4.3	49
82	Bone Graft Augmentation for Severe Glenoid Bone Loss in Primary Reverse Total Shoulder Arthroplasty: Outcomes and Evaluation of Host Bone Contact by 2D-3D Image Registration. *JBJS Open Access*, **2017**, 2, e0015	3.1	19
81	Reverse Shoulder Arthroplasty for the Treatment of Rotator Cuff Deficiency: A Concise Follow-up, at a Minimum of 10 Years, of Previous Reports. *Journal of Bone and Joint Surgery - Series A*, **2017**, 99, 1895-1899	5.6	72
80	Revision for a failed reverse: a 12-year review of a lateralized implant. *Journal of Shoulder and Elbow Surgery*, **2016**, 25, e115-24	4.3	32
79	DJO Surgical Reverse Shoulder Prosthesis (RSP) **2016**, 343-356		0
78	Morphologic Variability of the Shoulder between the Populations of North American and East Asian. *Clinics in Orthopedic Surgery*, **2016**, 8, 280-7	2.9	31

77	Glenosphere dissociation after reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2015**, 24, 1061-8	4.3	25
76	Outcome and value of reverse shoulder arthroplasty for treatment of glenohumeral osteoarthritis: a matched cohort. *Journal of Shoulder and Elbow Surgery*, **2015**, 24, 1433-41	4.3	55
75	Reverse shoulder arthroplasty for massive rotator cuff tear: risk factors for poor functional improvement. *Journal of Shoulder and Elbow Surgery*, **2015**, 24, 1698-706	4.3	78
74	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, 682-90	4.3	36
73	Glenoid subchondral bone density distribution in male total shoulder arthroplasty subjects with eccentric and concentric wear. *Journal of Shoulder and Elbow Surgery*, **2015**, 24, 416-24	4.3	32
72	Results of closed management of acute dislocation after reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2015**, 24, 621-7	4.3	43
71	Measurement of Resource Utilization for Total and Reverse Shoulder Arthroplasty. *American Journal of Orthopedics*, **2015**, 44, 446-51		1
70	Factors that predict postoperative motion in patients treated with reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2014**, 23, 1289-95	4.3	39
69	Kinematic impact of size on the existing glenohumeral joint in patients undergoing reverse shoulder arthroplasty. *Clinical Biomechanics*, **2014**, 29, 622-8	2.2	6
68	Outcomes and Costs of Reverse Shoulder Arthroplasty in the Morbidly Obese: A Case Control Study. *Journal of Bone and Joint Surgery - Series A*, **2014**, 96, 1169-1176	5.6	48
67	Retrograde reamed femoral nailing. *Journal of Orthopaedic Trauma*, **2014**, 28 Suppl 8, S15-24	3.1	6
66	What is the effect of postoperative scapular fracture on outcomes of reverse shoulder arthroplasty?. *Journal of Shoulder and Elbow Surgery*, **2014**, 23, 782-90	4.3	78
65	Accuracy of patient-specific guided glenoid baseplate positioning for reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2014**, 23, 1563-7	4.3	82
64	Isometric strength, range of motion, and impairment before and after total and reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2013**, 22, 869-76	4.3	40
63	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, 1514-21	4.3	100
62	Preparing for the bundled-payment initiative: the cost and clinical outcomes of total shoulder arthroplasty for the surgical treatment of glenohumeral arthritis at an average 4-year follow-up. *Journal of Shoulder and Elbow Surgery*, **2013**, 22, 1601-11	4.3	28
61	Improving glenoid-side load sharing in a virtual reverse shoulder arthroplasty model. *Journal of Shoulder and Elbow Surgery*, **2013**, 22, 954-62	4.3	20
60	Reverse shoulder arthroplasty components and surgical techniques that restore glenohumeral motion. *Journal of Shoulder and Elbow Surgery*, **2013**, 22, 179-87	4.3	69

59	Osteoporosis and shoulder osteoarthritis: incidence, risk factors, and surgical implications. *Journal of Shoulder and Elbow Surgery*, **2013**, 22, e1-8	4.3	34
58	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, 1612-22	4.3	31
57	Surgically treated humeral shaft fractures following shoulder arthroplasty. *Journal of Bone and Joint Surgery - Series A*, **2013**, 95, 9-18	5.6	51
56	AAOS appropriate use criteria: optimizing the management of full-thickness rotator cuff tears. *Journal of the American Academy of Orthopaedic Surgeons, The*, **2013**, 21, 772-5	4.5	14
55	Correlation of subjective and objective measures before and after shoulder arthroplasty. *Orthopedics*, **2013**, 36, 808-14	1.5	39
54	Kinematic analysis of dynamic shoulder motion in patients with reverse total shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2012**, 21, 1184-90	4.3	51
53	Proximal humeral malunion treated with reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2012**, 21, 507-13	4.3	82
52	The use of the reverse shoulder arthroplasty for treatment of failed total shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2012**, 21, 514-22	4.3	120
51	Reverse shoulder arthroplasty for the treatment of rotator cuff deficiency: a concise follow-up, at a minimum of five years, of a previous report. *Journal of Bone and Joint Surgery - Series A*, **2012**, 94, 1996-2000	5.6	112
50	Cost analysis in shoulder arthroplasty surgery. *Advances in Orthopedics*, **2012**, 2012, 692869	2.1	9
49	Results of proximal humeral locked plating with supplemental suture fixation of rotator cuff. *Journal of Shoulder and Elbow Surgery*, **2011**, 20, 616-24	4.3	30
48	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, 646-51	4.3	58
47	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, 732-9	4.3	107
46	Regarding "Observations on retrieved humeral polyethylene components from reverse total shoulder arthroplasty". *Journal of Shoulder and Elbow Surgery*, **2011**, 20, e22-3	4.3	
45	Rationale, Technique, and Results of the DJO Surgical Reverse Total Shoulder Arthroplasty. *Operative Techniques in Orthopaedics*, **2011**, 21, 60-68	0.3	0
44	How reverse shoulder arthroplasty works. *Clinical Orthopaedics and Related Research*, **2011**, 469, 2440-51	2.2	67
43	Reverse Shoulder Arthroplasty in the Management of Irreparable Rotator Cuff Tears without Arthritis. *JBJS Essential Surgical Techniques*, **2011**, 1, e12	2.3	4
42	Complications in Reverse Total Shoulder Arthroplasty. *Journal of the American Academy of Orthopaedic Surgeons, The*, **2011**, 19, 439-449	4.5	243

41	Hemiarthroplasty for Proximal Humerus Fracture **2011**, 507-523		
40	Massive rotator cuff tears without arthropathy: when to consider reverse shoulder arthroplasty. *Journal of Bone and Joint Surgery - Series A*, **2011**, 93, 973-84	5.6	12
39	Reverse shoulder arthroplasty for the treatment of irreparable rotator cuff tear without glenohumeral arthritis. *Journal of Bone and Joint Surgery - Series A*, **2010**, 92, 2544-56	5.6	328
38	Is a formal physical therapy program necessary after total shoulder arthroplasty for osteoarthritis?. *Journal of Shoulder and Elbow Surgery*, **2010**, 19, 570-9	4.3	41
37	Reverse shoulder arthroplasty in patients with rheumatoid arthritis. *Journal of Shoulder and Elbow Surgery*, **2010**, 19, 1076-84	4.3	108
36	Results of surgical treatment for unstable distal clavicular fractures. *Journal of Shoulder and Elbow Surgery*, **2010**, 19, 1049-55	4.3	85
35	Elbow Arthroplasty for Distal Humeral Fractures: Technique, Pearls, and Pitfalls. *Operative Techniques in Orthopaedics*, **2010**, 20, 38-47	0.3	6
34	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, 1144-54	5.6	143
33	Arc of motion and socket depth in reverse shoulder implants. *Clinical Biomechanics*, **2009**, 24, 473-9	2.2	50
32	Revision reverse shoulder arthroplasty for glenoid baseplate failure after primary reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2009**, 18, 717-23	4.3	88
31	Challenging the conclusion, "Clinical outcome was essentially not affected by the notch". *Journal of Shoulder and Elbow Surgery*, **2009**, 18, e51-2; author reply e52-3	4.3	
30	Glenoid morphology in reverse shoulder arthroplasty: classification and surgical implications. *Journal of Shoulder and Elbow Surgery*, **2009**, 18, 874-85	4.3	149
29	Revision arthroplasty with use of a reverse shoulder prosthesis-allograft composite. *Journal of Bone and Joint Surgery - Series A*, **2009**, 91, 119-27	5.6	106
28	In vitro and finite element analysis of glenoid bone/baseplate interaction in the reverse shoulder design. *Journal of Shoulder and Elbow Surgery*, **2008**, 17, 509-21	4.3	62
27	Young patients with shoulder chondrolysis following arthroscopic shoulder surgery treated with total shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*, **2008**, 17, 380-8	4.3	72
26	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, 608-15	4.3	172
25	Reverse shoulder arthroplasty for the treatment of rotator cuff deficiency. *Journal of Bone and Joint Surgery - Series A*, **2008**, 90, 1244-51	5.6	421
24	Range of impingement-free abduction and adduction deficit after reverse shoulder arthroplasty. Hierarchy of surgical and implant-design-related factors. *Journal of Bone and Joint Surgery - Series A* , **2008**, 90, 2606-15	5.6	229

23	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	5.6	241
22	Biomechanical comparison of component position and hardware failure in the reverse shoulder prosthesis. *Journal of Shoulder and Elbow Surgery*, **2007**, 16, S9-S12	4.3	147
21	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	5.6	68
20	Re: Shoulder prostheses treating cuff tear arthropathy: a comparative biomechanical study. *Journal of Orthopaedic Research*, **2006**, 24, 112; author reply 112-3	3.8	1
19	The reverse shoulder prosthesis for glenohumeral arthritis associated with severe rotator cuff deficiency. a minimum two-year follow-up study of sixty patients surgical technique. *Journal of Bone and Joint Surgery - Series A*, **2006**, 88 Suppl 1 Pt 2, 178-90	5.6	120
18	Immediate Total Elbow Arthroplasty for Distal Humerus Fractures. *Techniques in Orthopaedics*, **2006**, 21, 363-373	0.4	4
17	Technique for internal fixation of capitellum and lateral trochlea fractures. *Journal of Orthopaedic Trauma*, **2006**, 20, 699-704	3.1	37
16	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	5.6	95
15	Initial glenoid component fixation in "reverse" total shoulder arthroplasty: a biomechanical evaluation. *Journal of Shoulder and Elbow Surgery*, **2005**, 14, 162S-167S	4.3	203
14	In vivo wear of polyethylene glenoid components in total shoulder arthroplasty. *E-Polymers*, **2005**, 5,	2.7	3
13	The Reverse Shoulder Prosthesis for glenohumeral arthritis associated with severe rotator cuff deficiency. A minimum two-year follow-up study of sixty patients. *Journal of Bone and Joint Surgery - Series A*, **2005**, 87, 1697-705	5.6	393
12	Techniques and principles of tuberosity fixation for proximal humeral fractures treated with hemiarthroplasty. *Journal of Shoulder and Elbow Surgery*, **2004**, 13, 239-47	4.3	55
11	Reverse Total Shoulder Replacement for Arthritis With an Irreparable Rotator Cuff Tear. *Techniques in Shoulder and Elbow Surgery*, **2003**, 4, 77-83	0.3	4
10	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, 473-80	3.1	270
9	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	0.3	2
8	Tears in the subscapularis tendon: descriptive analysis and results of surgical repair. *Joint Bone Spine*, **2003**, 70, 342-7	2.9	25
7	Les lsions du tendon du subscapulaire : tude descriptive et rsultats des rparations chirurgicales. *Revue Du Rhumatisme (Edition Francaise)*, **2003**, 70, 720-726	0.1	
6	Outcomes of hemiarthroplasty for fractures of the proximal humerus. *Journal of Shoulder and Elbow Surgery*, **2003**, 12, 569-77	4.3	222

5	Triceps Split Technique for Total Elbow Arthroplasty. *Techniques in Shoulder and Elbow Surgery*, **2002**, 3, 23-27	0.3	6
4	Stability of tuberosity reattachment in proximal humeral hemiarthroplasty. *Journal of Shoulder and Elbow Surgery*, **2002**, 11, 413-20	4.3	91
3	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, 321-6	4.3	81
2	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	3.1	12
1	Retrograde reamed femoral nailing. *Journal of Orthopaedic Trauma*, **1993**, 7, 293-302	3.1	92