

# Michael C Fu

## List of Publications by Year in descending order

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100  
papers

3,286  
citations

136950

32  
h-index

168389

53  
g-index

100  
all docs

100  
docs citations

100  
times ranked

3646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variations in Data Collection Methods Between National Databases Affect Study Results: A Comparison of the Nationwide Inpatient Sample and National Surgical Quality Improvement Program Databases for Lumbar Spine Fusion Procedures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e193.	3.0	183
2	Octa-functional PLGA nanoparticles for targeted and efficient siRNA delivery to tumors. <i>Biomaterials</i> , 2012, 33, 583-591.	11.4	160
3	Revision Total Knee Arthroplasty for Periprosthetic Joint Infection Is Associated With Increased Postoperative Morbidity and Mortality Relative to Noninfectious Revisions. <i>Journal of Arthroplasty</i> , 2018, 33, 521-526.	3.1	145
4	Factors affecting length of stay after elective posterior lumbar spine surgery: a multivariate analysis. <i>Spine Journal</i> , 2015, 15, 1188-1195.	1.3	143
5	Obese Class III patients at significantly greater risk of multiple complications after lumbar surgery: an analysis of 10,387 patients in the ACS NSQIP database. <i>Spine Journal</i> , 2014, 14, 2008-2018.	1.3	136
6	Using the ACS-NSQIP to Identify Factors Affecting Hospital Length of Stay After Elective Posterior Lumbar Fusion. <i>Spine</i> , 2014, 39, 497-502.	2.0	114
7	Limitations of administrative databases in spine research: a study in obesity. <i>Spine Journal</i> , 2014, 14, 2923-2928.	1.3	107
8	Factors Affecting Length of Stay and Complications After Elective Anterior Cervical Discectomy and Fusion. <i>Clinical Spine Surgery</i> , 2016, 29, E34-E42.	1.3	99
9	The "July Effect" in Primary Total Hip and Knee Arthroplasty: Analysis of 21,434 Cases From the ACS-NSQIP Database. <i>Journal of Arthroplasty</i> , 2014, 29, 1332-1338.	3.1	92
10	Increased Risk of Complications After Anterior Cervical Discectomy and Fusion in the Elderly. <i>Spine</i> , 2014, 39, 2062-2069.	2.0	73
11	Variations in Occipitocervical and Cervicothoracic Alignment Parameters Based on Age. <i>Spine</i> , 2016, 41, 1837-1844.	2.0	72
12	Malnutrition Increases With Obesity and Is a Stronger Independent Risk Factor for Postoperative Complications: A Propensity-Adjusted Analysis of Total Hip Arthroplasty Patients. <i>Journal of Arthroplasty</i> , 2016, 31, 2415-2421.	3.1	69
13	Anterior and posterior cervical fusion in patients with high body mass index are not associated with greater complications. <i>Spine Journal</i> , 2014, 14, 1643-1653.	1.3	62
14	Preoperative Nutritional Status as an Adjunct Predictor of Major Postoperative Complications Following Anterior Cervical Discectomy and Fusion. <i>Clinical Spine Surgery</i> , 2016, 29, 167-172.	1.3	62
15	Opioid Prescriber Education and Guidelines for Ambulatory Upper-Extremity Surgery: Evaluation of an Institutional Protocol. <i>Journal of Hand Surgery</i> , 2019, 44, 129-136.	1.6	60
16	Malnutrition: a marker for increased complications, mortality, and length of stay after total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 193-200.	2.6	59
17	Discharge to Inpatient Facilities After Total Hip Arthroplasty Is Associated With Increased Postdischarge Morbidity. <i>Journal of Arthroplasty</i> , 2017, 32, S144-S149.e1.	3.1	57
18	Outpatient Anterior Cervical Discectomy and Fusion is Associated With Fewer Short-term Complications in One- and Two-level Cases. <i>Spine</i> , 2017, 42, 1044-1049.	2.0	56

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19	Epidemiology of injuries in tennis players. <i>Current Reviews in Musculoskeletal Medicine</i> , 2018, 11, 1-5.	3.5	56
20	Hypoalbuminemia Is a Better Predictor than Obesity of Complications After Total Knee Arthroplasty: a Propensity Score-Adjusted Observational Analysis. <i>HSS Journal</i> , 2017, 13, 66-74.	1.7	52
21	Sagittal Spinal Alignment in Adult Spinal Deformity. <i>JBJS Reviews</i> , 2018, 6, e2-e2.	2.0	52
22	Increased Shoulder Arthroscopy Time Is Associated With Overnight Hospital Stay and Surgical Site Infection. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 363-368.	2.7	46
23	Short-term Complications After Revision Hip Arthroplasty for Prosthetic Joint Infection Are Increased Relative to Noninfectious Revisions. <i>Journal of Arthroplasty</i> , 2018, 33, 2997-3002.	3.1	45
24	Continued Inpatient Care After Primary Total Knee Arthroplasty Increases 30-Day Post-Discharge Complications: A Propensity Score-Adjusted Analysis. <i>Journal of Arthroplasty</i> , 2017, 32, S113-S118.	3.1	44
25	Incidence, Risk Factors, and Clinical Implications of Postoperative Hematoma Requiring Reoperation Following Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2019, 44, 543-549.	2.0	43
26	Discrepancies in spine surgeon conflict of interest disclosures between a national meeting and physician payment listings on device manufacturer web sites. <i>Spine Journal</i> , 2013, 13, 1780-1788.	1.3	42
27	Risk Factors for Short-term Adverse Events and Readmission After Arthroscopic Meniscectomy. <i>American Journal of Sports Medicine</i> , 2015, 43, 169-175.	4.2	42
28	Interrater and intrarater agreements of magnetic resonance imaging findings in the lumbar spine: significant variability across degenerative conditions. <i>Spine Journal</i> , 2014, 14, 2442-2448.	1.3	40
29	July Effect in Elective Spine Surgery. <i>Spine</i> , 2014, 39, 603-611.	2.0	39
30	The impact of insulin dependence on short-term postoperative complications in diabetic patients undergoing total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 2091-2096.	2.6	39
31	Risk Factors for Short-term Complications After Rotator Cuff Repair in the United States. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1158-1163.	2.7	39
32	Development of supervised machine learning algorithms for prediction of satisfaction at 2 years following total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, e290-e299.	2.6	39
33	The Effect of Patient Characteristics and Comorbidities on the Rate of Revision Rotator Cuff Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 2380-2388.	2.7	34
34	Effect of Metabolic Syndrome and Obesity on Complications After Shoulder Arthroplasty. <i>Orthopedics</i> , 2016, 39, 309-316.	1.1	33
35	Is Discharge Within a Day of Total Knee Arthroplasty Safe in the Octogenarian Population?. <i>Journal of Arthroplasty</i> , 2019, 34, 235-241.	3.1	30
36	Most 30-day Readmissions After Anterior Cervical Discectomy and Fusion Are Not Due to Surgical Site-Related Issues. <i>Spine</i> , 2016, 41, 1801-1807.	2.0	28

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37	Revision Total Shoulder Arthroplasty is Associated with Increased Thirty-Day Postoperative Complications and Wound Infections Relative to Primary Total Shoulder Arthroplasty. <i>HSS Journal</i> , 2018, 14, 23-28.	1.7	28
38	Accuracy Between <i>AJSM</i> Author-Reported Disclosures and the Centers for Medicare and Medicaid Services Open Payments Database. <i>American Journal of Sports Medicine</i> , 2018, 46, 969-976.	4.2	27
39	Procedure length is independently associated with overnight hospital stay and 30-day readmission following anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 432-438.	4.2	27
40	Longitudinal Urban-Rural Discrepancies in the US Orthopaedic Surgeon Workforce. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 3074-3081.	1.5	26
41	Establishing the Minimal Clinically Important Difference, Patient Acceptable Symptomatic State, and Substantial Clinical Benefit of the PROMIS Upper Extremity Questionnaire After Rotator Cuff Repair. <i>American Journal of Sports Medicine</i> , 2020, 48, 3439-3446.	4.2	26
42	What Associations Exist Between Comorbidity Indices and Postoperative Adverse Events After Total Shoulder Arthroplasty?. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 881-890.	1.5	25
43	The lateral collateral ligament complex of the elbow: quantitative anatomic analysis of the lateral ulnar collateral, radial collateral, and annular ligaments. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 665-670.	2.6	25
44	Patient Compliance With Postoperative Lower Extremity Touch-down Weight-bearing Orders at a Level I Academic Trauma Center. <i>Orthopedics</i> , 2014, 37, e552-6.	1.1	25
45	Increasing Industry Support Is Associated with Higher Research Productivity in Orthopaedic Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, e36.	3.0	23
46	Insulin Dependence Is Associated With Increased Risk of Complications After Upper Extremity Surgery in Diabetic Patients. <i>Journal of Hand Surgery</i> , 2018, 43, 745-754.e4.	1.6	23
47	Unlike Native Hip Fractures, Delay to Periprosthetic Hip Fracture Stabilization Does Not Significantly Affect Most Short-Term Perioperative Outcomes. <i>Journal of Arthroplasty</i> , 2019, 34, 564-569.	3.1	23
48	PROMIS physical function underperforms psychometrically relative to American Shoulder and Elbow Surgeons score in patients undergoing anatomic total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1809-1815.	2.6	22
49	Return to Work After Primary Rotator Cuff Repair: A Systematic Review and Meta-analysis. <i>American Journal of Sports Medicine</i> , 2021, 49, 2238-2247.	4.2	22
50	Treatments of Missing Values in Large National Data Affect Conclusions: The Impact of Multiple Imputation on Arthroplasty Research. <i>Journal of Arthroplasty</i> , 2018, 33, 661-667.	3.1	21
51	Extended Antibiotic Prophylaxis May Be Linked to Lower Peri-prosthetic Joint Infection Rates in High-Risk Patients: An Evidence-Based Review. <i>HSS Journal</i> , 2019, 15, 297-301.	1.7	21
52	After Posterior Fusions for Adult Spinal Deformity, Operative Time is More Predictive of Perioperative Morbidity, Rather Than Surgical Invasiveness. <i>Spine</i> , 2017, 42, 1880-1887.	2.0	20
53	Outcomes of the Latarjet procedure with minimum 5- and 10-year follow-up: A systematic review. <i>Shoulder and Elbow</i> , 2020, 12, 315-329.	1.5	20
54	Haptic Biofeedback for Improving Compliance With Lower-Extremity Partial Weight Bearing. <i>Orthopedics</i> , 2014, 37, e993-8.	1.1	20

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55	Safety of Outpatient Single-level Cervical Total Disc Replacement. <i>Spine</i> , 2019, 44, E530-E538.	2.0	19
56	Patients undergoing anatomic total shoulder arthroplasty achieve clinically significant outcomes faster than those undergoing reverse shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 2523-2532.	2.6	19
57	Surgical anatomy of the radial nerve in the deltopectoral approach for revision shoulder arthroplasty and periprosthetic fracture fixation: a cadaveric study. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 2173-2176.	2.6	17
58	Does Obesity Explain the Effect of the Metabolic Syndrome on Complications Following Elective Lumbar Fusion? A Propensity Score Matched Analysis. <i>Global Spine Journal</i> , 2018, 8, 683-689.	2.3	17
59	Predictors of 5-Year Citation Rate in the Orthopaedic Sports Medicine Literature. <i>American Journal of Sports Medicine</i> , 2019, 47, 206-211.	4.2	17
60	Cavernous Carotid Pseudoaneurysm Following Transsphenoidal Surgery. <i>Journal of Neuroimaging</i> , 2013, 23, 319-325.	2.0	16
61	Comparison of agreement of cervical spine degenerative pathology findings in magnetic resonance imaging studies. <i>Spine Journal</i> , 2016, 16, 42-48.	1.3	16
62	Surgical Treatment of Septic Shoulders: A Comparison Between Arthrotomy and Arthroscopy. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 1984-1991.	2.7	16
63	The Effect of Postoperative Opioid Prescription Refills on Achieving Meaningful Clinical Outcomes After Hip Arthroscopy for Femoroacetabular Impingement Syndrome. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 1599-1607.	2.7	16
64	Machine-learning model successfully predicts patients at risk for prolonged postoperative opioid use following elective knee arthroscopy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 762-772.	4.2	16
65	Conflict-of-Interest Disclosures to The Journal of Bone & Joint Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, e51.	3.0	15
66	Missing data treatments matter: an analysis of multiple imputation for anterior cervical discectomy and fusion procedures. <i>Spine Journal</i> , 2018, 18, 2009-2017.	1.3	15
67	Three-Dimensional Isotropic MRI of the Cervical Spine. <i>Clinical Spine Surgery</i> , 2016, 29, 66-71.	1.3	13
68	Decompressive hemicraniectomy for ischemic stroke in the pediatric population. <i>Neurosurgical Review</i> , 2013, 36, 21-25.	2.4	12
69	The Middle and Distal Aspects of the Ulnar Footprint of the Medial Ulnar Collateral Ligament of the Elbow Do Not Provide Significant Resistance to Valgus Stress: A Biomechanical Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711882529.	1.7	12
70	Orthopaedic Randomized Controlled Trials Published in General Medical Journals Are Associated With Higher Altmetric Attention Scores and Social Media Attention Than Nonorthopaedic Randomized Controlled Trials. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 1261-1270.	2.7	12
71	Operative Treatment of Thoracolumbar Burst Fractures: Is Fusion Necessary?. <i>HSS Journal</i> , 2015, 11, 187-189.	1.7	10
72	Is there a correlation between outcomes after hip arthroscopy for femoroacetabular impingement syndrome and patient cortical bone thickness?. <i>Journal of Hip Preservation Surgery</i> , 2019, 6, 16-24.	1.3	10

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73	Complication rates and outcomes after outpatient shoulder arthroplasty: a systematic review. JSES International, 2021, 5, 413-423.	1.6	10
74	Primary Central Nervous System Vasculitis Presenting as Spinal Subdural Hematoma. World Neurosurgery, 2012, 78, 192.e5-192.e8.	1.3	8
75	Most Readmissions Following Ankle Fracture Surgery Are Unrelated to Surgical Site Issues. Foot & Ankle Orthopaedics, 2017, 2, 247301141769525.	0.2	8
76	The influence of shoulder abduction and external rotation on throwing arm kinetics in professional baseball pitchers. Shoulder and Elbow, 2022, 14, 90-98.	1.5	8
77	Establishing clinically significant outcomes of the Patient-Reported Outcomes Measurement Information System Upper Extremity questionnaire after primary reverse total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2021, 30, 2231-2239.	2.6	7
78	Efficacy of antifibrinolytics in pediatric orthopedic surgery: a systematic review and meta-analysis. Journal of Pediatric Orthopaedics Part B, 2020, 29, 97-104.	0.6	6
79	PROMIS Upper Extremity underperforms psychometrically relative to American Shoulder and Elbow Surgeons score in patients undergoing primary rotator cuff repair. Journal of Shoulder and Elbow Surgery, 2022, 31, 718-725.	2.6	6
80	Discharge to inpatient facilities after lumbar fusion surgery is associated with increased postoperative venous thromboembolism and readmissions. Spine Journal, 2019, 19, 430-436.	1.3	5
81	Increased hip arthroscopy operative duration is an independent risk factor for overnight hospital admission. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 1385-1391.	4.2	5
82	Continued Inpatient Care After Primary Total Shoulder Arthroplasty Is Associated With Increased Short-term Postdischarge Morbidity: A Propensity Scoreâ€‘Adjusted Analysis. Orthopedics, 2019, 42, e225-e231.	1.1	5
83	Preoperative laboratory testing for total hip arthroplasty: Unnecessary tests or a helpful prognosticator. Journal of Orthopaedic Science, 2020, 25, 854-860.	1.1	4
84	What is the fate of scientific abstracts presented at the International Society for Hip Arthroscopy meetings?. Journal of Hip Preservation Surgery, 2018, 5, 157-161.	1.3	3
85	Cartilage Restoration Using Dehydrated Allogeneic Cartilage, Platelet-Rich Plasma, and Autologous Cartilage Mixture Sealed With Activated Autologous Serum. Arthroscopy Techniques, 2020, 9, e847-e857.	1.3	3
86	High Rate of Full Duty Return to Work After Hip Arthroscopy for Femoroacetabular Impingement Syndrome in Workers Who Are Not on Workersâ€™ Compensation. American Journal of Sports Medicine, 2021, 49, 729-736.	4.2	3
87	Establishing thresholds for achievement of clinically significant satisfaction at two years following shoulder arthroplasty: the patient acceptable symptomatic state. Seminars in Arthroplasty, 2021, 31, 159-170.	0.7	3
88	Arthroscopic distal clavicle excision is associated with fewer postoperative complications than open. JSES International, 2021, 5, 856-862.	1.6	3
89	Outpatient Surgical Fixation of Proximal Humerus Fractures Can Be Performed Without Increased Rates of Short-Term Complications or Readmissions. Journal of Orthopaedic Trauma, 2021, 35, e356-e363.	1.4	3
90	Biomechanical comparison of 3 latissimus dorsi transfer sites for reverse total shoulder arthroplasty in the absence of teres minor. Journal of Shoulder and Elbow Surgery, 2022, 31, 1300-1307.	2.6	3

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91	Comparison of a Novel Anatomic Technique and the Docking Technique for Medial Ulnar Collateral Ligament Reconstruction. American Journal of Sports Medicine, 2022, 50, 1061-1065.	4.2	3
92	Contingent Valuation Studies in Orthopaedic Surgery: A Health Economic Review. HSS Journal, 2018, 14, 314-321.	1.7	2
93	Backside polyethylene wear in reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2022, 31, 545-552.	2.6	2
94	Design and Evaluation of Partial Weight-Bearing Sensor and Haptic Feedback System for Lower-Extremity Orthopedic Patients. , 2013, , .		1
95	Arthroscopic Bennett Lesion Resection and Posterior Labral Repair Using All-Suture Anchors. Arthroscopy Techniques, 2021, 10, e1603-e1608.	1.3	1
96	Increasing Age Is Not Independently Associated with Increased 30-Day Morbidity after Hip Arthroscopy. The Journal of Hip Surgery, 2018, 02, 148-154.	0.1	0
97	Cartilage-Preserving Arthroscopic-Assisted Radiofrequency Ablation of Periacetabular Osteoid Osteoma in a Young Adult Hip. Arthroscopy Techniques, 2020, 9, e1039-e1042.	1.3	0
98	Defining maximal outcome improvement thresholds for patient satisfaction after reverse total shoulder arthroplasty: a minimum two-year follow-up study. Seminars in Arthroplasty, 2021, , .	0.7	0
99	Tribocorrosion is common but mild in modular humeral components in shoulder arthroplasty: an implant retrieval analysis. JSES International, 2022, 6, 401-405.	1.6	0
100	Association Between Limited English Language Proficiency and Disparities in Length of Stay and Discharge Disposition After Total Shoulder Arthroplasty: A Retrospective Cohort Study. HSS Journal, 0, , 155633162211047.	1.7	0