

# Michael C Fu

## List of Publications by Year in descending order

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100  
papers

3,286  
citations

136740

32  
h-index

168136

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.	1.4	183
2	Octa-functional PLGA nanoparticles for targeted and efficient siRNA delivery to tumors. <i>Biomaterials</i> , 2012, 33, 583-591.	5.7	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.	1.5	145
4	Factors affecting length of stay after elective posterior lumbar spine surgery: a multivariate analysis. <i>Spine Journal</i> , 2015, 15, 1188-1195.	0.6	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.	0.6	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.	1.0	114
7	Limitations of administrative databases in spine research: a study in obesity. <i>Spine Journal</i> , 2014, 14, 2923-2928.	0.6	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.	0.7	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.	1.5	92
10	Increased Risk of Complications After Anterior Cervical Discectomy and Fusion in the Elderly. <i>Spine</i> , 2014, 39, 2062-2069.	1.0	73
11	Variations in Occipitocervical and Cervicothoracic Alignment Parameters Based on Age. <i>Spine</i> , 2016, 41, 1837-1844.	1.0	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.	1.5	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.	0.6	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.	0.7	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.	0.7	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.	1.2	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.	1.5	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.	1.0	56

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19	Epidemiology of injuries in tennis players. <i>Current Reviews in Musculoskeletal Medicine</i> , 2018, 11, 1-5.	1.3	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.	0.7	52
21	Sagittal Spinal Alignment in Adult Spinal Deformity. <i>JBJS Reviews</i> , 2018, 6, e2-e2.	0.8	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.	1.3	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.	1.5	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.	1.5	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.	1.0	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.	0.6	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.	1.9	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.	0.6	40
29	July Effect in Elective Spine Surgery. <i>Spine</i> , 2014, 39, 603-611.	1.0	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.	1.2	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.	1.3	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.	1.2	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.	1.3	34
34	Effect of Metabolic Syndrome and Obesity on Complications After Shoulder Arthroplasty. <i>Orthopedics</i> , 2016, 39, 309-316.	0.5	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.	1.5	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.	1.0	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. HSS Journal, 2018, 14, 23-28.	0.7	28
38	Accuracy Between <i>AJSM</i> Author-Reported Disclosures and the Centers for Medicare and Medicaid Services Open Payments Database. American Journal of Sports Medicine, 2018, 46, 969-976.	1.9	27
39	Procedure length is independently associated with overnight hospital stay and 30-day readmission following anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 432-438.	2.3	27
40	Longitudinal Urban-Rural Discrepancies in the US Orthopaedic Surgeon Workforce. Clinical Orthopaedics and Related Research, 2013, 471, 3074-3081.	0.7	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. American Journal of Sports Medicine, 2020, 48, 3439-3446.	1.9	26
42	What Associations Exist Between Comorbidity Indices and Postoperative Adverse Events After Total Shoulder Arthroplasty?. Clinical Orthopaedics and Related Research, 2019, 477, 881-890.	0.7	25
43	The lateral collateral ligament complex of the elbow: quantitative anatomic analysis of the lateral ulnar collateral, radial collateral, and annular ligaments. Journal of Shoulder and Elbow Surgery, 2019, 28, 665-670.	1.2	25
44	Patient Compliance With Postoperative Lower Extremity Touch-down Weight-bearing Orders at a Level I Academic Trauma Center. Orthopedics, 2014, 37, e552-6.	0.5	25
45	Increasing Industry Support Is Associated with Higher Research Productivity in Orthopaedic Surgery. Journal of Bone and Joint Surgery - Series A, 2018, 100, e36.	1.4	23
46	Insulin Dependence Is Associated With Increased Risk of Complications After Upper Extremity Surgery in Diabetic Patients. Journal of Hand Surgery, 2018, 43, 745-754.e4.	0.7	23
47	Unlike Native Hip Fractures, Delay to Periprosthetic Hip Fracture Stabilization Does Not Significantly Affect Most Short-Term Perioperative Outcomes. Journal of Arthroplasty, 2019, 34, 564-569.	1.5	23
48	PROMIS physical function underperforms psychometrically relative to American Shoulder and Elbow Surgeons score in patients undergoing anatomic total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2019, 28, 1809-1815.	1.2	22
49	Return to Work After Primary Rotator Cuff Repair: A Systematic Review and Meta-analysis. American Journal of Sports Medicine, 2021, 49, 2238-2247.	1.9	22
50	Treatments of Missing Values in Large National Data Affect Conclusions: The Impact of Multiple Imputation on Arthroplasty Research. Journal of Arthroplasty, 2018, 33, 661-667.	1.5	21
51	Extended Antibiotic Prophylaxis May Be Linked to Lower Peri-prosthetic Joint Infection Rates in High-Risk Patients: An Evidence-Based Review. HSS Journal, 2019, 15, 297-301.	0.7	21
52	After Posterior Fusions for Adult Spinal Deformity, Operative Time is More Predictive of Perioperative Morbidity, Rather Than Surgical Invasiveness. Spine, 2017, 42, 1880-1887.	1.0	20
53	Outcomes of the Latarjet procedure with minimum 5- and 10-year follow-up: A systematic review. Shoulder and Elbow, 2020, 12, 315-329.	0.7	20
54	Haptic Biofeedback for Improving Compliance With Lower-Extremity Partial Weight Bearing. Orthopedics, 2014, 37, e993-8.	0.5	20

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55	Safety of Outpatient Single-level Cervical Total Disc Replacement. <i>Spine</i> , 2019, 44, E530-E538.	1.0	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.	1.2	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.	1.2	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.	1.2	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.	1.9	17
60	Cavernous Carotid Pseudoaneurysm Following Transsphenoidal Surgery. <i>Journal of Neuroimaging</i> , 2013, 23, 319-325.	1.0	16
61	Comparison of agreement of cervical spine degenerative pathology findings in magnetic resonance imaging studies. <i>Spine Journal</i> , 2016, 16, 42-48.	0.6	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.	1.3	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.	1.3	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.	2.3	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.	1.4	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.	0.6	15
67	Three-Dimensional Isotropic MRI of the Cervical Spine. <i>Clinical Spine Surgery</i> , 2016, 29, 66-71.	0.7	13
68	Decompressive hemicraniectomy for ischemic stroke in the pediatric population. <i>Neurosurgical Review</i> , 2013, 36, 21-25.	1.2	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.	0.8	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.	1.3	12
71	Operative Treatment of Thoracolumbar Burst Fractures: Is Fusion Necessary?. <i>HSS Journal</i> , 2015, 11, 187-189.	0.7	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.	0.6	10

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73	Complication rates and outcomes after outpatient shoulder arthroplasty: a systematic review. JSES International, 2021, 5, 413-423.	0.7	10
74	Primary Central Nervous System Vasculitis Presenting as Spinal Subdural Hematoma. World Neurosurgery, 2012, 78, 192.e5-192.e8.	0.7	8
75	Most Readmissions Following Ankle Fracture Surgery Are Unrelated to Surgical Site Issues. Foot & Ankle Orthopaedics, 2017, 2, 247301141769525.	0.1	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.	0.7	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.	1.2	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.	0.3	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.	1.2	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.	0.6	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.	2.3	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.	0.5	5
83	Preoperative laboratory testing for total hip arthroplasty: Unnecessary tests or a helpful prognosticator. Journal of Orthopaedic Science, 2020, 25, 854-860.	0.5	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.	0.6	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.	0.5	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.	1.9	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.	0.3	3
88	Arthroscopic distal clavicle excision is associated with fewer postoperative complications than open. JSES International, 2021, 5, 856-862.	0.7	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.	0.7	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.	1.2	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.	1.9	3
92	Contingent Valuation Studies in Orthopaedic Surgery: A Health Economic Review. HSS Journal, 2018, 14, 314-321.	0.7	2
93	Backside polyethylene wear in reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2022, 31, 545-552.	1.2	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.	0.5	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.	0.5	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, , .	0.3	0
99	Tribocorrosion is common but mild in modular humeral components in shoulder arthroplasty: an implant retrieval analysis. JSES International, 2022, 6, 401-405.	0.7	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.	0.7	0