

# Jiabin Liu

## List of Publications by Year in descending order

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110  
papers

2,292  
citations

257101

24  
h-index

264894

42  
g-index

110  
all docs

110  
docs citations

110  
times ranked

2111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaesthetic care of patients undergoing primary hip and knee arthroplasty: consensus recommendations from the International Consensus on Anaesthesia-Related Outcomes after Surgery group (ICAROS) based on a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2019, 123, 269-287.	1.5	186
2	Low Albumin Levels, More Than Morbid Obesity, Are Associated With Complications After TKA. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 3163-3172.	0.7	127
3	The Risk of Falls After Total Knee Arthroplasty with the Use of a Femoral Nerve Block Versus an Adductor Canal Block: A Double-Blinded Randomized Controlled Study. <i>Anesthesia and Analgesia</i> , 2016, 122, 1696-1703.	1.1	110
4	Neuraxial Anesthesia Decreases Postoperative Systemic Infection Risk Compared with General Anesthesia in Knee Arthroplasty. <i>Anesthesia and Analgesia</i> , 2013, 117, 1010-1016.	1.1	103
5	Hypoalbuminemia More Than Morbid Obesity is an Independent Predictor of Complications After Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 2290-2295.	1.5	84
6	Superior Trunk Block. <i>Anesthesiology</i> , 2019, 131, 521-533.	1.3	78
7	Peripheral nerve block anesthesia/analgesia for patients undergoing primary hip and knee arthroplasty: recommendations from the International Consensus on Anesthesia-Related Outcomes after Surgery (ICAROS) group based on a systematic review and meta-analysis of current literature. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 971-985.	1.1	77
8	Body Mass Index More Than 45 kg/m <sup>2</sup> as a Cutoff Point Is Associated With Dramatically Increased Postoperative Complications in Total Knee Arthroplasty and Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 749-753.	1.5	74
9	Enhanced recovery after surgery components and perioperative outcomes: a nationwide observational study. <i>British Journal of Anaesthesia</i> , 2020, 124, 638-647.	1.5	69
10	Dexamethasone as Adjuvant to Bupivacaine Prolongs the Duration of Thermal Antinociception and Prevents Bupivacaine-Induced Rebound Hyperalgesia via Regional Mechanism in a Mouse Sciatic Nerve Block Model. <i>PLoS ONE</i> , 2015, 10, e0123459.	1.1	67
11	Low Albumin Is a Risk Factor for Complications after Revision Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2017, 30, 269-275.	0.9	62
12	Is there a dose response of dexamethasone as adjuvant for supraclavicular brachial plexus nerve block? A prospective randomized double-blinded clinical study. <i>Journal of Clinical Anesthesia</i> , 2015, 27, 237-242.	0.7	55
13	Increased severity of anaemia is associated with 30-day complications following total joint replacement. <i>Bone and Joint Journal</i> , 2020, 102-B, 485-494.	1.9	47
14	Risk factors for postoperative delirium in patients undergoing lower extremity joint arthroplasty: a retrospective population-based cohort study. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 934-943.	1.1	46
15	Does Regional Anesthesia Improve the Quality of Postoperative Pain Management and the Quality of Recovery in Patients Undergoing Operative Repair of Tibia and Ankle Fractures?. <i>Journal of Orthopaedic Trauma</i> , 2015, 29, 404-409.	0.7	40
16	Pre-existing Disparities and Potential Implications for the Rapid Expansion of Telemedicine in Response to the Coronavirus Disease 2019 Pandemic. <i>Medical Care</i> , 2021, 59, 694-698.	1.1	38
17	Effect of Local Anesthetic Concentration (0.2% vs 0.1% Ropivacaine) on Pulmonary Function, and Analgesia After Ultrasound-Guided Interscalene Brachial Plexus Block: A Randomized Controlled Study. <i>Pain Medicine</i> , 2016, 17, 2397-2403.	0.9	34
18	Cancellation of Elective Surgery and Intensive Care Unit Capacity in New York State: A Retrospective Cohort Analysis. <i>Anesthesia and Analgesia</i> , 2020, 131, 1337-1341.	1.1	34

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19	Revisiting the International Normalized Ratio (INR) Threshold for Complications in Primary Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 514-522.	1.4	31
20	Improved Quality of Recovery from Ambulatory Shoulder Surgery After Implementation of a Multimodal Perioperative Pain Management Protocol. <i>Pain Medicine</i> , 2019, 20, 1012-1019.	0.9	30
21	New Onset Depression and Anxiety After Spinal Fusion Surgery. <i>Spine</i> , 2020, 45, 1161-1169.	1.0	30
22	Hospital Characteristics, Inpatient Processes of Care, and Readmissions of Older Adults with Hip Fractures. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 1656-1661.	1.3	29
23	Modifiable factors associated with postoperative delirium after hip fracture repair. <i>European Journal of Anaesthesiology</i> , 2020, 37, 649-658.	0.7	29
24	Tranexamic Acid Administration is Associated With a Decreased Odds of Prosthetic Joint Infection Following Primary Total Hip and Primary Total Knee Arthroplasty: A National Database Analysis. <i>Journal of Arthroplasty</i> , 2021, 36, 1109-1113.	1.5	27
25	Hip fracture characteristics and outcomes during COVID-19: a large retrospective national database review. <i>British Journal of Anaesthesia</i> , 2021, 127, 15-22.	1.5	27
26	Effectiveness of intravenous acetaminophen for postoperative pain management in hip and knee arthroplasties: a population-based study. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 565-572.	1.1	26
27	Association of Intraoperative Hypotension with Acute Kidney Injury after Noncardiac Surgery in Patients Younger than 60 Years Old. <i>Kidney and Blood Pressure Research</i> , 2019, 44, 211-221.	0.9	26
28	Association between same day discharge total knee and total hip arthroplasty and risks of cardiac/pulmonary complications and readmission: a population-based observational study. <i>BMJ Open</i> , 2019, 9, e031260.	0.8	25
29	Trends in total knee and hip arthroplasty recipients: a retrospective cohort study. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 854-859.	1.1	25
30	A comparison of the fascia iliaca block to the lumbar plexus block in providing analgesia following arthroscopic hip surgery: A randomized controlled clinical trial. <i>Journal of Clinical Anesthesia</i> , 2018, 49, 26-29.	0.7	24
31	Machine learning approaches in predicting ambulatory same day discharge patients after total hip arthroplasty. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 779-783.	1.1	22
32	The impact of obesity on resource utilization among patients undergoing total joint arthroplasty. <i>International Orthopaedics</i> , 2019, 43, 269-274.	0.9	21
33	Postoperative Complications and Impact of Diabetes Mellitus Severity on Revision Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2020, 33, 228-234.	0.9	21
34	Trends in Comorbidities and Complications Among Patients Undergoing Hip Fracture Repair. <i>Anesthesia and Analgesia</i> , 2021, 132, 475-484.	1.1	21
35	Fascial plane blocks: a narrative review of the literature. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 600-617.	1.1	21
36	Risk factors for new-onset depression or anxiety following total joint arthroplasty: the role of chronic opioid use. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 990-997.	1.1	19

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37	Hospital-Based Acute Care Within 7 Days of Discharge After Outpatient Arthroscopic Shoulder Surgery. <i>Anesthesia and Analgesia</i> , 2018, 126, 600-605.	1.1	18
38	Artificial neural network prediction of same-day discharge following primary total knee arthroplasty based on preoperative and intraoperative variables. <i>Bone and Joint Journal</i> , 2021, 103-B, 1358-1366.	1.9	18
39	Multimodal prophylaxis in patients with a history of venous thromboembolism undergoing primary elective hip arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 71-77.	1.9	16
40	Interscalene Brachial Plexus Block with Liposomal Bupivacaine <i>versus</i> Standard Bupivacaine with Perineural Dexamethasone: A Noninferiority Trial. <i>Anesthesiology</i> , 2022, 136, 434-447.	1.3	16
41	Staging Bilateral Total Knee Arthroplasty During the Same Hospitalization: The Impact of Timing. <i>Journal of Arthroplasty</i> , 2015, 30, 1172-1176.	1.5	15
42	Trends in Inpatient Resource Utilization and Complications Among Total Joint Arthroplasty Recipients: A Retrospective Cohort Study. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2018, 2, e058.	0.4	15
43	The serum albumin threshold for increased perioperative complications after total hip arthroplasty is 3.0â€‰g/dL. <i>HIP International</i> , 2019, 29, 166-171.	0.9	15
44	Trends in Comorbidities and Complications Among Patients Undergoing Inpatient Spine Surgery. <i>Spine</i> , 2020, 45, 1299-1308.	1.0	15
45	Impact of Chronic Obstructive Pulmonary Disease on Postoperative Complications Following Simultaneous Bilateral Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2021, 34, 322-327.	0.9	14
46	Association of perioperative midazolam use and complications: a population-based analysis. <i>Regional Anesthesia and Pain Medicine</i> , 2022, 47, 228-233.	1.1	14
47	Optimizing Perioperative Care for Patients with Hip Fracture. <i>Anesthesiology Clinics</i> , 2014, 32, 823-839.	0.6	13
48	Risk factors for reintubation after anterior cervical discectomy and fusion surgery: evaluation of three observational data sets. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 42-56.	0.7	13
49	Enhanced Recovery Implementation and Perioperative Outcomes in Posterior Fusion Patients. <i>Spine</i> , 2020, 45, E1039-E1046.	1.0	13
50	Characterization of Re-admission and Emergency Department Visits Within 90ÂˆDays Following Lower-Extremity Arthroplasty. <i>HSS Journal</i> , 2018, 14, 271-281.	0.7	12
51	Revisiting the International Normalized Ratio Threshold for Bleeding Risk and Mortality in Primary Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 52-59.	1.4	12
52	Tranexamic acid administration during total joint arthroplasty surgery is not associated with an increased risk of perioperative seizures: a national database analysis. <i>Regional Anesthesia and Pain Medicine</i> , 2020, 45, 505-508.	1.1	12
53	The Utilization of Regional Anesthesia Among Pediatric Patients: A Retrospective Study. <i>HSS Journal</i> , 2020, 16, 425-435.	0.7	12
54	Patient education and anesthesia choice for total knee arthroplasty. <i>Patient Education and Counseling</i> , 2017, 100, 1709-1713.	1.0	11

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55	Hemiarthroplasty or Total Hip Arthroplasty: Is There a Racial Bias in Treatment Selection for Femoral Neck Fractures?. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2019, 10, 215145931984174.	0.6	11
56	Preoperative Estimated Glomerular Filtration Rate Is a Marker for Postoperative Complications Following Revision Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, 750-754.	1.5	10
57	Trends in Ambulatory Laminectomy in the USA and Key Factors Associated with Successful Same-Day Discharge: A Retrospective Cohort Study. <i>HSS Journal</i> , 2020, 16, 72-80.	0.7	10
58	Association between sex and perioperative opioid prescribing for total joint arthroplasty: a retrospective population-based study. <i>British Journal of Anaesthesia</i> , 2021, 126, 1217-1225.	1.5	10
59	Bariatric surgery and total knee/hip arthroplasty: an analysis of the impact of sequence and timing on outcomes. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 941-945.	1.1	10
60	Outcome of Carotid Endarterectomy after Regional Anesthesia versus General Anesthesia - A Retrospective Study Using Two Independent Databases. <i>Translational Perioperative and Pain Medicine</i> , 2014, 1, 14-21.	0.0	10
61	The impact of anesthesia and surgical provider characteristics on outcomes after spine surgery. <i>European Spine Journal</i> , 2019, 28, 2112-2121.	1.0	9
62	Increased Use of Intra-Articular Steroid Injection to Treat Osteoarthritis is Associated With Chronic Opioid Dependence After Later Total Knee Arthroplasty But Not Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 1979-1982.	1.5	9
63	Elective orthopedic surgery during COVID-19. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 825-827.	1.1	9
64	Disparities in the provision of regional anesthesia and analgesia in total joint arthroplasty: The role of patient and hospital level factors. <i>Journal of Clinical Anesthesia</i> , 2021, 75, 110440.	0.7	9
65	Do illness rating systems predict discharge location, length of stay, and cost after total hip arthroplasty?. <i>Arthroplasty Today</i> , 2018, 4, 210-215.	0.8	8
66	An Overview of Commonly Used Data Sources in Observational Research in Anesthesia. <i>Anesthesia and Analgesia</i> , 2022, 134, 548-558.	1.1	8
67	The Perioperative Use of Benzodiazepines for Major Orthopedic Surgery in the United States. <i>Anesthesia and Analgesia</i> , 2022, 134, 486-495.	1.1	8
68	The Impact of Gender on Postoperative Complications after Revision Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2020, 33, 387-393.	0.9	7
69	Insulin-dependent diabetes mellitus is an independent risk factor for postoperative complications in aseptic revision total hip arthroplasty. <i>HIP International</i> , 2022, 32, 213-220.	0.9	7
70	Association of Anesthesia Type with Postoperative Outcome and Complications in Patients Undergoing Revision Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2022, 35, 345-354.	0.9	7
71	Preoperative hyponatremia is an independent risk factor for postoperative complications in aseptic revision hip and knee arthroplasty. <i>Journal of Orthopaedics</i> , 2020, 20, 224-227.	0.6	7
72	Persistent opioid use after surgical treatment of paediatric fracture. <i>British Journal of Anaesthesia</i> , 2021, 126, 1192-1199.	1.5	7

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73	Perioperative impact of sleep apnea in a high-volume specialty practice with a strong focus on regional anesthesia: a database analysis. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 303-308.	1.1	6
74	Chloroprocaine Provides Safe, Effective, Short-Acting Spinal Anesthesia Ideal for Ambulatory Surgeries: A Retrospective Review. <i>HSS Journal</i> , 2020, 16, 280-284.	0.7	6
75	Operative time greater than 120 minutes is associated with increased pulmonary and thromboembolic complications following revision total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 1393-1400.	0.6	6
76	Return to Normal: Prioritizing Elective Surgeries With Low Resource Utilization. <i>Anesthesia and Analgesia</i> , 2020, 131, e99-e102.	1.1	6
77	Trends and Outcomes in Pediatric Patients Undergoing Scoliosis Repair: A Population-Based Study. <i>Anesthesia and Analgesia</i> , 2020, 131, 1890-1900.	1.1	6
78	Neuraxial anaesthesia is associated with improved outcomes and reduced postoperative complications in patients undergoing aseptic revision total hip arthroplasty. <i>HIP International</i> , 2020, , 112070002097574.	0.9	5
79	Recommendations for resuming elective spine surgery in the COVID-19 era. <i>British Journal of Anaesthesia</i> , 2020, 125, e339-e341.	1.5	5
80	Venous thromboembolism and prophylaxis therapy after elective spine surgery: a population-based study. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 345-357.	0.7	5
81	Machine Learning Approaches to Define Candidates for Ambulatory Single Level Laminectomy Surgery. <i>Global Spine Journal</i> , 2021, , 219256822097983.	1.2	5
82	Modifiable Analgesia-/Anesthesia-Related Factors and Risk of Severe Gastrointestinal Complications After Lower Extremity Total Joint Arthroplasty: A Nationwide Analysis. <i>Journal of Arthroplasty</i> , 2020, 35, 2624-2630.e2.	1.5	4
83	Anaesthesia provider volume and perioperative outcomes in total joint arthroplasty surgery. <i>British Journal of Anaesthesia</i> , 2019, 123, 679-687.	1.5	3
84	Pre-operative transfusions are associated with numerous post-operative complications in total hip arthroplasty. <i>Journal of Orthopaedics</i> , 2019, 16, 241-244.	0.6	3
85	Biological sex has No impact on postoperative complications following simultaneous bilateral total knee arthroplasty. <i>Journal of Orthopaedics</i> , 2020, 17, 49-52.	0.6	3
86	Bilateral Total Knee Arthroplasty and In-Hospital Opioid Dispensation: A Population-Based Study. <i>Journal of Arthroplasty</i> , 2020, 35, 3581-3586.	1.5	3
87	Ultrasound guidance for peripheral nerve blocks: an observational trend study of national data. <i>Regional Anesthesia and Pain Medicine</i> , 2020, 45, 681-683.	1.1	3
88	State of the anaesthesia workforce in the United States: trends and geographic variation in nurse anaesthetist to physician anaesthesiologist ratios. <i>British Journal of Anaesthesia</i> , 2021, 126, e19-e21.	1.5	3
89	Risk of chronic opioid use after simultaneous versus staged bilateral knee arthroplasty. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 405-409.	1.1	3
90	Preoperative Risk Factor Score Predicts Malnutrition in Total Joint Arthroplasty Patients. <i>Journal of Surgical Orthopaedic Advances</i> , 2019, 28, 97-103.	0.1	3

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91	Health Services Research in Anesthesia: A Brief Overview of Common Methodologies. <i>Anesthesia and Analgesia</i> , 2022, 134, 540-547.	1.1	3
92	Is There Synergistic Effect Between Obesity and Hypoalbuminemia on Postoperative Outcomes Among Primary Total Shoulder Arthroplasty Recipients?. <i>HSS Journal</i> , 2022, 18, 504-511.	0.7	3
93	The development and application of a risk stratification index system for outpatient shoulder arthroscopy patient management—a single academic center's experience. <i>JSES Open Access</i> , 2017, 1, 1-4.	0.9	2
94	The Use of Critical Care Services After Orthopedic Surgery at a High-Volume Orthopedic Medical Center: A Retrospective Study. <i>HSS Journal</i> , 2022, 18, 344-350.	0.7	2
95	Tramadol prescribed at discharge is associated with lower odds of chronic opioid use after elective total joint arthroplasty. <i>Regional Anesthesia and Pain Medicine</i> , 2022, 47, 560-565.	1.1	2
96	Cost of Care for Patients With Pre-Existing Comorbidities Undergoing Total Joint Arthroplasty: A Retrospective Cohort Study Evaluating Disease-Specific Perioperative Care. <i>Journal of Arthroplasty</i> , 2019, 34, 2846-2854.e2.	1.5	1
97	Assessing the current status of continuous peripheral nerve blocks in clinical practice in North America, a survey approach. <i>Journal of Clinical Anesthesia</i> , 2020, 65, 109870.	0.7	1
98	The Impact of Immunization and Use of Oseltamivir on Influenza-Related Hospitalizations: A Population-Based Study. <i>Journal of Primary Care and Community Health</i> , 2021, 12, 215013272110059.	1.0	1
99	Controlled hypotension during neuraxial anesthesia is not associated with increased odds of in-hospital common severe medical complications in patients undergoing elective primary total hip arthroplasty — A retrospective case control study. <i>PLoS ONE</i> , 2021, 16, e0248419.	1.1	1
100	Using Illness Rating Systems to Predict Discharge Location Following Total Knee Arthroplasty. <i>Knee Surgery and Related Research</i> , 2018, 30, 50-57.	1.8	1
101	Trends in discontinuation of buprenorphine following elective orthopedic surgery: a national database analysis. <i>Regional Anesthesia and Pain Medicine</i> , 2022, 47, 573-575.	1.1	1
102	Trends in the Use of Epidural Steroid Injections to Treat Back Pain Before Spine Surgery. <i>Pain Medicine</i> , 2022, 23, 2089-2091.	0.9	1
103	Reply to the Letter to the Editor: Low Albumin Levels, More Than Morbid Obesity, Are Associated With Complications After TKA. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 602-603.	0.7	0
104	Surgeon—anaesthesiologist team case volume and perioperative outcomes in total joint arthroplasty. <i>British Journal of Anaesthesia</i> , 2020, 125, e395-e396.	1.5	0
105	Lack of July effect in the utilization of neuraxial and peripheral nerve block in US teaching hospitals: a retrospective analysis. <i>Regional Anesthesia and Pain Medicine</i> , 2020, 45, 357-361.	1.1	0
106	Factors affecting need for manipulation after total knee arthroplasty: a retrospective case—control cohort study. <i>British Journal of Anaesthesia</i> , 2021, 126, e29-e31.	1.5	0
107	Reply to Deflandre and Lacroix. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 754.2-755.	1.1	0
108	Superior Trunk Block versus Interscalene Block: Reply. <i>Anesthesiology</i> , 2020, 132, 1286-1286.	1.3	0

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109	Reply to "Can we trust the black box?"™. <i>Regional Anesthesia and Pain Medicine</i> , 2022, 47, 338.2-339.	1.1	0
110	Anaesthesia practice in the first wave of the COVID-19 outbreak in the United States: a population-based cohort study. <i>British Journal of Anaesthesia</i> , 2022, , .	1.5	0