

# Stephen Choi

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

3,152  
citations

236925

25  
h-index

168389

53  
g-index

70  
all docs

70  
docs citations

70  
times ranked

3191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global patient outcomes after elective surgery: prospective cohort study in 27 low-, middle- and high-income countries. <i>British Journal of Anaesthesia</i> , 2016, 117, 601-609.	3.4	400
2	Assessment of functional capacity before major non-cardiac surgery: an international, prospective cohort study. <i>Lancet, The</i> , 2018, 391, 2631-2640.	13.7	317
3	Effects of dexamethasone as a local anaesthetic adjuvant for brachial plexus block: a systematic review and meta-analysis of randomized trials. <i>British Journal of Anaesthesia</i> , 2014, 112, 427-439.	3.4	249
4	Neuraxial Techniques in Obstetric and Non-Obstetric Patients with Common Bleeding Diatheses. <i>Anesthesia and Analgesia</i> , 2009, 109, 648-660.	2.2	245
5	Spinal Anesthesia or General Anesthesia for Hip Surgery in Older Adults. <i>New England Journal of Medicine</i> , 2021, 385, 2025-2035.	27.0	211
6	Accelerated surgery versus standard care in hip fracture (HIP ATTACK): an international, randomised, controlled trial. <i>Lancet, The</i> , 2020, 395, 698-708.	13.7	199
7	Cerebral Oximetry Monitoring to Maintain Normal Cerebral Oxygen Saturation during High-risk Cardiac Surgery. <i>Anesthesiology</i> , 2016, 124, 826-836.	2.5	187
8	Critical care admission following elective surgery was not associated with survival benefit: prospective analysis of data from 27 countries. <i>Intensive Care Medicine</i> , 2017, 43, 971-979.	8.2	108
9	Integration of the Duke Activity Status Index into preoperative risk evaluation: a multicentre prospective cohort study. <i>British Journal of Anaesthesia</i> , 2020, 124, 261-270.	3.4	83
10	Association of Duration of Surgery With Postoperative Delirium Among Patients Receiving Hip Fracture Repair. <i>JAMA Network Open</i> , 2019, 2, e190111.	5.9	79
11	Preoperative pregabalin or gabapentin for acute and chronic postoperative pain among patients undergoing breast cancer surgery: A systematic review and meta-analysis of randomized controlled trials. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017, 70, 1317-1328.	1.0	73
12	High-Sensitivity Troponin I after Cardiac Surgery and 30-Day Mortality. <i>New England Journal of Medicine</i> , 2022, 386, 827-836.	27.0	69
13	Use of failure-to-rescue to identify international variation in postoperative care in low-, middle- and high-income countries: a 7-day cohort study of elective surgery. <i>British Journal of Anaesthesia</i> , 2017, 119, 258-266.	3.4	67
14	Is Ultrasound Guidance Advantageous for Interventional Pain Management? A Review of Acute Pain Outcomes. <i>Anesthesia and Analgesia</i> , 2011, 113, 596-604.	2.2	64
15	Translational Regulation of Human Neuronal Nitric-oxide Synthase by an Alternatively Spliced 5' Untranslated Region Leader Exon. <i>Journal of Biological Chemistry</i> , 2003, 278, 636-644.	3.4	56
16	Anesthésie neuraxiale et dysfonction vasculaire en périopératoire: une revue systématique. <i>Canadian Journal of Anaesthesia</i> , 2012, 59, 681-703.	1.6	50
17	Prophylactic Use of Tranexamic Acid for Postpartum Bleeding Outcomes: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Transfusion Medicine Reviews</i> , 2015, 29, 231-241.	2.0	50
18	Measurement of Exercise Tolerance before Surgery (METS) study: a protocol for an international multicentre prospective cohort study of cardiopulmonary exercise testing prior to major non-cardiac surgery. <i>BMJ Open</i> , 2016, 6, e010359.	1.9	50

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19	The prevention of delirium in elderly with obstructive sleep apnea (PODESA) study: protocol for a multi-centre prospective randomized, controlled trial. <i>BMC Anesthesiology</i> , 2018, 18, 1.	1.8	46
20	Using the 6-minute walk test to predict disability-free survival after major surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 111-119.	3.4	46
21	Preoperative celecoxib in noncardiac surgery. <i>European Journal of Anaesthesiology</i> , 2016, 33, 204-214.	1.7	40
22	The Prevention of Delirium and Complications Associated with Surgical Treatments (PODCAST) study: protocol for an international multicentre randomised controlled trial. <i>BMJ Open</i> , 2014, 4, e005651-e005651.	1.9	34
23	Evidence Base for the Use of Ultrasound for Upper Extremity Blocks. <i>Regional Anesthesia and Pain Medicine</i> , 2016, 41, 242-250.	2.3	34
24	Comparison of the effects of perineural or intravenous dexamethasone on low volume interscalene brachial plexus block: a randomised equivalence trial. <i>British Journal of Anaesthesia</i> , 2020, 124, 84-91.	3.4	32
25	Perioperative Pregabalin and Intraoperative Lidocaine Infusion to Reduce Persistent Neuropathic Pain After Breast Cancer Surgery: A Multicenter, Factorial, Randomized, Controlled Pilot Trial. <i>Journal of Pain</i> , 2019, 20, 980-993.	1.4	28
26	A simplified (modified) Duke Activity Status Index (M-DASI) to characterise functional capacity: a secondary analysis of the Measurement of Exercise Tolerance before Surgery (METS) study. <i>British Journal of Anaesthesia</i> , 2021, 126, 181-190.	3.4	27
27	Maintaining micturition in the perioperative period. <i>Current Opinion in Anaesthesiology</i> , 2013, 26, 361-367.	2.0	26
28	Optimizing Pain and Rehabilitation After Knee Arthroplasty: A Two-Center, Randomized Trial. <i>Anesthesia and Analgesia</i> , 2016, 123, 1316-1324.	2.2	22
29	Thoracic Epidural Catheter Placement in a Preoperative Block Area Improves Operating Room Efficiency and Decreases Epidural Failure Rate. <i>Regional Anesthesia and Pain Medicine</i> , 2017, 42, 649-651.	2.3	22
30	Current Evidence and Future Directions of Tranexamic Acid Use, Efficacy, and Dosing for Major Surgical Procedures. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 782-790.	1.3	20
31	Use of lung-protective strategies during one-lung ventilation surgery: a multi-institutional survey. <i>Annals of Translational Medicine</i> , 2018, 6, 269-269.	1.7	19
32	IV. Does anaesthetic technique really matter for total knee arthroplasty?. <i>British Journal of Anaesthesia</i> , 2013, 111, 331-333.	3.4	16
33	Association of preoperative anaemia with cardiopulmonary exercise capacity and postoperative outcomes in noncardiac surgery: a substudy of the Measurement of Exercise Tolerance before Surgery (METS) Study. <i>British Journal of Anaesthesia</i> , 2019, 123, 161-169.	3.4	15
34	Reporting Functional Outcome After Knee Arthroplasty and Regional Anesthesia. <i>Regional Anesthesia and Pain Medicine</i> , 2013, 38, 340-349.	2.3	14
35	The addition of epidural local anesthetic to systemic multimodal analgesia following lumbar spinal fusion: a randomized controlled trial. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 330-339.	1.6	14
36	Spinal haematoma after removal of a thoracic epidural catheter in a patient with coagulopathy resulting from unexpected vitamin K deficiency. <i>Anaesthesia</i> , 2013, 68, 856-860.	3.8	13

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37	Comparison of the Analgesic Duration of 0.5% Bupivacaine With 1:200,000 Epinephrine Versus 0.5% Ropivacaine Versus 1% Ropivacaine for Low-Volume Ultrasound-Guided Interscalene Brachial Plexus Block: A Randomized Controlled Trial. <i>Anesthesia and Analgesia</i> , 2021, 132, 1129-1137.	2.2	13
38	Opioid consumption and pain in gynecological cancer patients treated with interstitial brachytherapy. <i>Brachytherapy</i> , 2017, 16, 870-876.	0.5	12
39	Engaging patients as partners in a multicentre trial of spinal versus general anaesthesia for older adults. <i>British Journal of Anaesthesia</i> , 2021, 126, 395-403.	3.4	9
40	Femoral Nerve Block Does Provide Significant Analgesia After Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2010, 26, 1416.	2.7	8
41	Nitrous oxide as a putative novel dual-mechanism treatment for bipolar depression: Proof-of-concept study design and methodology. <i>Contemporary Clinical Trials Communications</i> , 2020, 19, 100600.	1.1	8
42	The role of dexamethasone in peripheral and neuraxial nerve blocks for the management of acute pain. <i>Southern African Journal of Anaesthesia and Analgesia</i> , 2016, 22, 163-169.	0.3	7
43	Protocol for a pilot, randomised, double-blinded, placebo-controlled trial of prophylactic use of tranexamic acid for preventing postpartum haemorrhage (TAPPH-1). <i>BMJ Open</i> , 2017, 7, e018586.	1.9	7
44	Analysis of Inpatient Falls After Total Knee Arthroplasty in Patients With Continuous Femoral Nerve Block. <i>Anesthesia and Analgesia</i> , 2018, 127, 224-227.	2.2	7
45	Intravenous and Perineural Dexamethasone in Peripheral Nerve Block. <i>Anesthesia and Analgesia</i> , 2015, 121, 251.	2.2	6
46	The Effects of Dexmedetomidine on Perioperative Neurocognitive Outcomes After Cardiac Surgery. <i>Annals of Surgery</i> , 2022, 275, 864-871.	4.2	6
47	Preventing delirium: beyond dexmedetomidine. <i>Lancet, The</i> , 2017, 389, 1009.	13.7	5
48	Electronic Versus Traditional Data Collection: A Multicenter Randomized Controlled Perioperative Pain Trial. <i>Canadian Journal of Pain</i> , 2019, 3, 16-25.	1.7	5
49	Anterior Suprascapular Nerve Block Versus Interscalene Brachial Plexus Block for Shoulder Surgery in the Outpatient Setting. <i>Regional Anesthesia and Pain Medicine</i> , 2018, 43, 99-100.	2.3	4
50	Protocol for a prospective cohort study of assessing postoperative cognitive changes after total hip and knee arthroplasty in the Greater Toronto area. <i>BMJ Open</i> , 2019, 9, e024259.	1.9	4
51	Development of a Head-Mounted Holographic Needle Guidance System for Enhanced Ultrasound-Guided Neuraxial Anesthesia: System Development and Observational Evaluation. <i>JMIR Formative Research</i> , 2022, 6, e36931.	1.4	4
52	Ultrasound-guided posterior cord and selective suprascapular block for shoulder surgery. <i>British Journal of Anaesthesia</i> , 2016, 117, 835.	3.4	3
53	Cognitive Outcomes after DEXmedetomidine sedation in cardiac surgery: CODEX randomised controlled trial protocol. <i>BMJ Open</i> , 2021, 11, e046851.	1.9	3
54	Management of patients who are receiving warfarin or a new oral anticoagulant and require urgent or emergency surgery. <i>Polish Archives of Internal Medicine</i> , 2012, 122, 437-442.	0.4	3

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55	Analgesic Techniques for Total Knee Arthroplasty. <i>Advances in Anesthesia</i> , 2015, 33, 77-96.	0.9	2
56	Future Directions for Geriatric Anesthesiology. <i>Anesthesiology Clinics</i> , 2019, 37, 581-592.	1.4	2
57	Cognitive decline among older adults: A hidden preexisting condition and its role in "brain at risk"™ surgical patients. <i>Brain and Behavior</i> , 2021, 11, e02095.	2.2	2
58	Perioperative Neurocognitive Screening Tools for At-Risk Surgical Patients. <i>Neurology: Clinical Practice</i> , 2022, 12, 76-84.	1.6	2
59	Management of patients who are receiving warfarin or a new oral anticoagulant and require urgent or emergency surgery. , 2012, 122, 437-42.		2
60	The minimal effective volume (MEAV 95) for interscalene brachial plexus block for surgical anesthesia under sedation: A prospective observational dose finding study. <i>Canadian Journal of Pain</i> , 2017, 1, 8-13.	1.7	1
61	General versus loco-regional anesthesia for endovascular aortic aneurysm repair. <i>The Cochrane Library</i> , 0, , .	2.8	1
62	Peripheral Nerve Blockade for Total Knee Arthroplasty: An Evidence-Based Review. <i>Current Anesthesiology Reports</i> , 2015, 5, 225-234.	2.0	0
63	Complications of Regional Anesthesia: Upper and Lower Extremity Blockade. , 2017, , 189-198.		0
64	Opioid Consumption and Pain in Gynecological Cancer Patients that Underwent Spinal Anesthesia for Interstitial Brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, E328.	0.8	0
65	The Effect of Cryotherapy Application on Postoperative Pain: A Systematic Review and Meta-analysis. <i>Journal of the American College of Surgeons</i> , 2021, 233, e53.	0.5	0
66	Physical Activity And Lifestyle. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S325-S326.	0.4	0
67	Accelerated Surgery Versus Standard Care in Hip Fracture (HIP ATTACK-1): A Kidney Substudy of a Randomized Clinical Trial. <i>American Journal of Kidney Diseases</i> , 2022, , .	1.9	0