

Jessica Spence

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,166
citations

471509

17
h-index

233421

45
g-index

53
all docs

53
docs citations

53
times ranked

2814
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Postoperative High-Sensitivity Troponin Levels With Myocardial Injury and 30-Day Mortality Among Patients Undergoing Noncardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 1642.	7.4	579
2	Double-adjustment in propensity score matching analysis: choosing a threshold for considering residual imbalance. <i>BMC Medical Research Methodology</i> , 2017, 17, 78.	3.1	273
3	Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomised, placebo-controlled trial. <i>Lancet</i> , The, 2018, 391, 2325-2334.	13.7	236
4	Association between complications and death within 30 days after noncardiac surgery. <i>Cmaj</i> , 2019, 191, E830-E837.	2.0	181
5	Perioperative covert stroke in patients undergoing non-cardiac surgery (NeuroVISION): a prospective cohort study. <i>Lancet</i> , The, 2019, 394, 1022-1029.	13.7	146
6	Tranexamic Acid in Patients Undergoing Noncardiac Surgery. <i>New England Journal of Medicine</i> , 2022, 386, 1986-1997.	27.0	125
7	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
8	Percutaneous treatment of facial venous malformations: A matched comparison of alcohol and bleomycin sclerotherapy. <i>Head and Neck</i> , 2011, 33, 125-130.	2.0	64
9	Dexmedetomidine vs other sedatives in critically ill mechanically ventilated adults: a systematic review and meta-analysis of randomized trials. <i>Intensive Care Medicine</i> , 2022, 48, 811-840.	8.2	49
10	Surgical ablation of atrial fibrillation: a systematic review and meta-analysis of randomized controlled trials. <i>Europace</i> , 2018, 20, 1442-1450.	1.7	47
11	Isolated central sleep apnea in type I Chiari malformation: Improvement after surgery. <i>Pediatric Pulmonology</i> , 2010, 45, 1141-1144.	2.0	34
12	A roadmap to advance delirium research: Recommendations from the NIDUS Scientific Think Tank. <i>Alzheimer's and Dementia</i> , 2020, 16, 726-733.	0.8	33
13	Improving medication safety: Development and impact of a multivariate model-based strategy to target high-risk patients. <i>PLoS ONE</i> , 2017, 12, e0171995.	2.5	30
14	Bleeding Independently associated with Mortality after noncardiac Surgery (BIMS): an international prospective cohort study establishing diagnostic criteria and prognostic importance. <i>British Journal of Anaesthesia</i> , 2021, 126, 163-171.	3.4	29
15	Comparison of the ability of double-robust estimators to correct bias in propensity score matching analysis. <i>Monte Carlo simulation study</i> . <i>Pharmacoepidemiology and Drug Safety</i> , 2017, 26, 1513-1519.	1.9	20
16	Mini-thoracotomy vs. conventional sternotomy mitral valve surgery: a systematic review and meta-analysis. <i>Journal of Cardiovascular Surgery</i> , 2017, 58, 489-496.	0.6	19
17	The role of randomized cluster crossover trials for comparative effectiveness testing in anesthesia: design of the Benzodiazepine-Free Cardiac Anesthesia for Reduction in Postoperative Delirium (B-Free) trial. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 813-821.	1.6	17
18	Restricted versus liberal intraoperative benzodiazepine use in cardiac anaesthesia for reducing delirium (B-Free Pilot): a pilot, multicentre, randomised, cluster crossover trial. <i>British Journal of Anaesthesia</i> , 2020, 125, 38-46.	3.4	17

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19	Variation in Diagnostic Testing in ICUs. <i>Critical Care Medicine</i> , 2014, 42, 9-16.	0.9	16
20	Benzodiazepine administration during adult cardiac surgery: a survey of current practice among Canadian anesthesiologists working in academic centres. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 263-271.	1.6	16
21	Student-observed surgical safety practices across an urban regional health authority. <i>BMJ Quality and Safety</i> , 2011, 20, 580-586.	3.7	14
22	International Normalized Ratio Targets for Left-Sided Mechanical Valve Replacement. <i>Thrombosis and Haemostasis</i> , 2018, 118, 906-913.	3.4	14
23	Morbidity and mortality in patients managed with high compared with low blood pressure targets during on-pump cardiac surgery: a systematic review and meta-analysis of randomized controlled trials. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 374-386.	1.6	12
24	Tranexamic acid in cardiac surgery: a systematic review and meta-analysis (protocol). <i>BMJ Open</i> , 2019, 9, e028585.	1.9	11
25	Incidence and recurrence of new-onset atrial fibrillation detected during hospitalization for non-cardiac surgery: a systematic review and meta-analysis. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 1045-1056.	1.6	11
26	Accuracy of Physicians in Differentiating Type 1 and Type 2 Myocardial Infarction Based on Clinical Information. <i>CJC Open</i> , 2020, 2, 577-584.	1.5	10
27	Rationale and design of the PeriOperative ISchemic Evaluation-3 (POISE-3): a randomized controlled trial evaluating tranexamic acid and a strategy to minimize hypotension in noncardiac surgery. <i>Trials</i> , 2022, 23, 101.	1.6	10
28	Antiplatelet Therapy versus Anticoagulation after Surgical Bioprosthetic Aortic Valve Replacement: A Systematic Review and Meta-Analysis. <i>Thrombosis and Haemostasis</i> , 2019, 119, 328-339.	3.4	8
29	Preoperative prediction of Bleeding Independently associated with Mortality after noncardiac Surgery (BIMS): an international prospective cohort study. <i>British Journal of Anaesthesia</i> , 2021, 126, 172-180.	3.4	8
30	Tranexamic Acid Administration During On-Pump Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2017, 125, 1863-1870.	2.2	7
31	Patient Safety Education: An Exploration of Student-Driven Contextual Learning. <i>Journal of Nursing Education</i> , 2012, 51, 466-470.	0.9	6
32	Bleeding impacting mortality after noncardiac surgery: a protocol to establish diagnostic criteria, estimate prognostic importance, and develop and validate a prediction guide in an international prospective cohort study. <i>CMAJ Open</i> , 2017, 5, E594-E603.	2.4	6
33	Postoperative Rehabilitation May Reduce the Risk of Readmission After Groin Hernia Repair. <i>Scientific Reports</i> , 2018, 8, 6759.	3.3	6
34	Assessing the quality of evidence supporting patent foramen ovale closure over medical therapy after cryptogenic stroke. <i>European Heart Journal</i> , 2018, 39, 3618-3619.	2.2	5
35	Safety and efficacy of perioperative benzodiazepine administration: study protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2019, 9, e031895.	1.9	5
36	Standardized Assessment of Global activities in the Elderly scale in adult cardiac surgery patients. <i>British Journal of Anaesthesia</i> , 2021, 127, 539-546.	3.4	5

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37	Multicentre analysis of practice patterns regarding benzodiazepine use in cardiac surgery. <i>British Journal of Anaesthesia</i> , 2022, 128, 772-784.	3.4	5
38	Surgical ablation of atrial fibrillation: a protocol for a systematic review and meta-analysis of randomised controlled trials. <i>BMJ Open</i> , 2016, 6, e013273.	1.9	4
39	Achieving balance with power: lessons from the Balanced Anaesthesia Study. <i>British Journal of Anaesthesia</i> , 2020, 124, 366-370.	3.4	4
40	The Future Directions of Research in Cardiac Anesthesiology. <i>Anesthesiology Clinics</i> , 2019, 37, 801-813.	1.4	3
41	Magnitude and direction of missing confounders had different consequences on treatment effect estimation in propensity score analysis. <i>Journal of Clinical Epidemiology</i> , 2017, 87, 87-97.	5.0	2
42	When and how should we cluster and cross over: methodological and ethical issues (letter 2). <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 237-238.	1.6	2
43	When and how should we cluster and cross over: methodological and ethical issues (letter 1). <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 234-236.	1.6	2
44	Critical Care Prophylaxis. Sometimes Less Is More. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1539-1541.	5.6	1
45	Selecting the Optimal Level of Clustering: An Approach to Trial Design Decision Making. <i>Journal of the American College of Surgeons</i> , 2020, 231, 397-400.	0.5	1
46	Feasibility of studying the association between intraoperative regional cerebral oxygen saturation and postoperative functional decline (ReFUNCTION): a pilot sub-study of NeuroVISION-Cardiac Surgery. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1497-1506.	1.6	1
47	The Future Directions of Research in Cardiac Anesthesiology. <i>Advances in Anesthesia</i> , 2020, 38, 269-282.	0.9	1
48	Variation in Diagnostic Testing in Intensive Care Units: A Comparison of Teaching and Nonteaching Hospitals in a Regional System. <i>Chest</i> , 2013, 144, 582A.	0.8	0
49	Causal Inference in Anesthesia and Perioperative Observational Studies. <i>Current Anesthesiology Reports</i> , 2016, 6, 293-298.	2.0	0
50	Predictors of intraoperative testing in adults undergoing noncardiac surgery within a regional hospital system. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 608-616.	1.6	0
51	Percutaneous Treatment of Venolymphatic Malformations, Extracranial Arteriovenous Malformations, and Tumors of the Head and Neck Using Particles, Alcohol, and Other Sclerosants. , 2014, , 277-301.		0