Avery B Nathens

List of Publications by Year in descending order

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147566 128067 4,278 133 31 60 citations g-index h-index papers 135 135 135 4894 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Association Between Wait Time and 30-Day Mortality in Adults Undergoing Hip Fracture Surgery. JAMA - Journal of the American Medical Association, 2017, 318, 1994.	3.8	449
2	Clinical practice guideline: management of acute pancreatitis. Canadian Journal of Surgery, 2016, 59, 128-140.	0.5	269
3	Tertiary Peritonitis: Clinical Features of a Complex Nosocomial Infection. World Journal of Surgery, 1998, 22, 158-163.	0.8	183
4	The Trauma Quality Improvement Program of the American College of Surgeons Committee on Trauma. Journal of the American College of Surgeons, 2009, 209, 521-530e1.	0.2	156
5	Mortality Among Injured Children Treated at Different Trauma Center Types. JAMA Surgery, 2015, 150, 874.	2.2	140
6	Three Thousand Seven Hundred Thirty-Eight Posttraumatic Pulmonary Emboli. Annals of Surgery, 2011, 254, 625-632.	2.1	133
7	The Trauma Quality Improvement Program: Pilot Study and Initial Demonstration of Feasibility. Journal of Trauma, 2010, 68, 253-262.	2.3	129
8	Self-harm Emergencies After Bariatric Surgery. JAMA Surgery, 2016, 151, 226.	2.2	128
9	Practical Guide to Surgical Data Sets: National Trauma Data Bank (NTDB). JAMA Surgery, 2018, 153, 852.	2.2	114
10	Effect of Early Versus Late Tracheostomy or Prolonged Intubation in Critically III Patients with Acute Brain Injury: A Systematic Review and Meta-Analysis. Neurocritical Care, 2017, 26, 14-25.	1,2	106
11	Timing of Pharmacologic Venous Thromboembolism Prophylaxis in Severe Traumatic Brain Injury: A Propensity-Matched Cohort Study. Journal of the American College of Surgeons, 2016, 223, 621-631e5.	0.2	100
12	Nationwide Assessment of Trends in Choledocholithiasis Management in the United States From 1998 to 2013. JAMA Surgery, 2016, 151, 1125.	2.2	99
13	The American College of Surgeons Trauma Quality Improvement Program. Surgical Clinics of North America, 2012, 92, 441-454.	0.5	98
14	Tourniquet use for peripheral vascular injuries in the civilian setting. Injury, 2014, 45, 573-577.	0.7	88
15	Pyrrolidine Dithiocarbamate Attenuates Endotoxin-induced Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 1997, 17, 608-616.	1.4	85
16	Association Between Emergency Medical Service Response Time and Motor Vehicle Crash Mortality in the United States. JAMA Surgery, 2019, 154, 286.	2.2	80
17	Association of Surgical Intervention for Adhesive Small-Bowel Obstruction With the Risk of Recurrence. JAMA Surgery, 2019, 154, 413.	2.2	77
18	Association Between Trauma Center Type and Mortality Among Injured Adolescent Patients. JAMA Pediatrics, 2016, 170, 780.	3.3	76

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19	First-Trimester Maternal Abdominal Adiposity Predicts Dysglycemia and Gestational Diabetes Mellitus in Midpregnancy. Diabetes Care, 2016, 39, 61-64.	4.3	64
20	Systematic Review of Human and Animal Studies Examining the Efficacy and Safety of N-Acetylcysteine (NAC) and N-Acetylcysteine Amide (NACA) in Traumatic Brain Injury: Impact on Neurofunctional Outcome and Biomarkers of Oxidative Stress and Inflammation. Frontiers in Neurology, 2017, 8, 744.	1.1	57
21	Effectiveness of low-molecular-weight heparin versus unfractionated heparin to prevent pulmonary embolism following major trauma. Journal of Trauma and Acute Care Surgery, 2017, 82, 252-262.	1.1	51
22	Variation in the Rates of Do Not Resuscitate Orders After Major Trauma and the Impact of Intensive Care Unit Environment. Journal of Trauma, 2008, 64, 81-91.	2.3	50
23	Sepsis, SIRS, and MODS: WhatÂ's in a Name?. World Journal of Surgery, 1996, 20, 386-391.	0.8	48
24	Association between traumatic brain injury and incarceration: a population-based cohort study. CMAJ Open, 2016, 4, E746-E753.	1.1	45
25	Economic Evaluations in the Diagnosis and Management of Traumatic Brain Injury: A Systematic Review and Analysis of Quality. Value in Health, 2015, 18, 721-734.	0.1	44
26	Evaluation of Emergency Department Pediatric Readiness and Outcomes Among US Trauma Centers. JAMA Pediatrics, 2021, 175, 947.	3.3	40
27	Redox manipulation using the thiol-oxidizing agent diethyl maleate prevents hepatocellular necrosis and apoptosis in a rodent endotoxemia model. Hepatology, 1999, 30, 714-724.	3.6	38
28	Intracranial pressure monitoring among children with severe traumatic brain injury. Journal of Neurosurgery: Pediatrics, 2015, 16, 523-532.	0.8	35
29	Association Between Burn Injury and Mental Illness among Burn Survivors: A Population-Based, Self-Matched, Longitudinal Cohort Study. Journal of the American College of Surgeons, 2017, 225, 516-524.	0.2	34
30	Quality Benchmarking in Trauma: from the NTDB to TQIP. Current Trauma Reports, 2018, 4, 160-169.	0.6	34
31	Delay in Flap Coverage Past 7 Days Increases Complications for Open Tibia Fractures: A Cohort Study of 140 North American Trauma Centers. Journal of Orthopaedic Trauma, 2019, 33, 161-168.	0.7	33
32	Knee dislocation and associated injuries: an analysis of the American College of Surgeons National Trauma Data Bank. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 568-575.	2.3	32
33	Emergency Access to Neurosurgical Care for Patients with Traumatic Brain Injury. Journal of the American College of Surgeons, 2014, 218, 51-57.	0.2	30
34	Ranking of Trauma Center Performance: The Bare Essentials. Journal of Trauma, 2008, 65, 628-635.	2.3	29
35	Medical Costs of Delayed Hip Fracture Surgery. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1387-1396.	1.4	27
36	Impact of ICU Structure and Processes of Care on Outcomes After Severe Traumatic Brain Injury: A Multicenter Cohort Study. Critical Care Medicine, 2018, 46, 1139-1149.	0.4	25

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37	Self-reported beta-lactam allergy and the risk of surgical site infection: A retrospective cohort study. Infection Control and Hospital Epidemiology, 2020, 41, 438-443.	1.0	25
38	Early cholecystectomy for acute cholecystitis: a population-based retrospective cohort study of variation in practice. CMAJ Open, 2013, 1, E62-E67.	1.1	24
39	Communication and Culture in the Surgical Intensive Care Unit. Qualitative Health Research, 2016, 26, 895-906.	1.0	24
40	Occurrence of and Risk Factors for Urological Intervention During Benign Hysterectomy: Analysis of the National Surgical Quality Improvement Program Database. Urology, 2016, 97, 66-72.	0.5	24
41	Early Cholecystectomy for Acute Cholecystitis Offers the Best Outcomes at the Least Cost: A Model-Based Cost-Utility Analysis. Journal of the American College of Surgeons, 2016, 222, 185-194.	0.2	24
42	Direct medical costs of motorcycle crashes in Ontario. Cmaj, 2017, 189, E1410-E1415.	0.9	24
43	Trauma patient discharge and care transition experiences: Identifying opportunities for quality improvement in trauma centres. Injury, 2018, 49, 97-103.	0.7	24
44	Assessment of emergency general surgery care based on formally developed quality indicators. Surgery, 2017, 162, 397-407.	1.0	23
45	Timing of femoral shaft fracture fixation following major trauma: A retrospective cohort study of United States trauma centers. PLoS Medicine, 2017, 14, e1002336.	3.9	23
46	The impact of perioperative blood transfusions on short-term outcomes following hepatectomy. Hepatobiliary Surgery and Nutrition, 2018, 7, 1-10.	0.7	23
47	Interprofessional communication between surgery trainees and nurses in the inpatient wards: Why time and space matter. Journal of Interprofessional Care, 2016, 30, 567-573.	0.8	22
48	Morbidity and Mortality of Radical Nephrectomy for Patients With Disseminated Cancer: An Analysis of the National Surgical Quality Improvement Program Database. Urology, 2016, 95, 95-102.	0.5	22
49	Evolving Management Strategies in Patients with Adhesive Small Bowel Obstruction: a Population-Based Analysis. Journal of Gastrointestinal Surgery, 2018, 22, 2133-2141.	0.9	22
50	Reporting and evaluating wait times for urgent hip fracture surgery in Ontario, Canada. Cmaj, 2018, 190, E702-E709.	0.9	22
51	Computed tomography rates and estimated radiation-associated cancer risk among injured children treated at different trauma center types. Injury, 2019, 50, 142-148.	0.7	22
52	Standardisation of perioperative urinary catheter use to reduce postsurgical urinary tract infection: an interrupted time series study. BMJ Quality and Safety, 2019, 28, 32-38.	1.8	21
53	Platelet to white blood cell ratio predicts 30-day postoperative infectious complications in patients undergoing radical nephrectomy for renal malignancy. Canadian Urological Association Journal, 2017, 11, E414-20.	0.3	20
54	Redefining "dead on arrival― Journal of Trauma and Acute Care Surgery, 2015, 79, 850-857.	1.1	19

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55	Early prediction of outcome after severe traumatic brain injury: a simple and practical model. BMC Emergency Medicine, 2016, 16, 32.	0.7	19
56	Understanding Hospital Volume–Outcome Relationship in Severe Traumatic Brain Injury. Neurosurgery, 2017, 80, 534-542.	0.6	19
57	Association of Venous Thromboembolism Prophylaxis After Neurosurgical Intervention for Traumatic Brain Injury With Thromboembolic Complications, Repeated Neurosurgery, and Mortality. JAMA Surgery, 2022, 157, e215794.	2.2	19
58	A geospatial analysis of the relationship between neighbourhood socioeconomic status and adult severe injury in Greater Vancouver. Injury Prevention, 2015, 21, 260-265.	1.2	18
59	A regional massive hemorrhage protocol developed through a modified Delphi technique. CMAJ Open, 2019, 7, E546-E561.	1.1	17
60	Effects of closure of an urban level I trauma centre on adjacent hospitals and local injury mortality: a retrospective, observational study. BMJ Open, 2016, 6, e011700.	0.8	16
61	The accuracy of burn diagnosis codes in health administrative data: A validation study. Burns, 2017, 43, 258-264.	1.1	16
62	Timing of cholecystectomy following endoscopic sphincterotomy: a population-based study. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 2977-2985.	1.3	16
63	Does the evidence support the importance of high transfusion ratios of plasma and platelets to red blood cells in improving outcomes in severely injured patients: a systematic review and metaâ€analyses. Transfusion, 2019, 59, 3337-3349.	0.8	16
64	Impact of the Allergy Clarification for Cefazolin Evidence-based Prescribing Tool on Receipt of Preferred Perioperative Prophylaxis: An Interrupted Time Series Study. Clinical Infectious Diseases, 2020, 71, 2955-2957.	2.9	16
65	Mental health outcomes after major trauma in Ontario: a population-based analysis. Cmaj, 2018, 190, E1319-E1327.	0.9	15
66	Survey of major trauma centre preparedness for mass casualty incidents in Australia, Canada, England and New Zealand. EClinicalMedicine, 2020, 21, 100322.	3.2	15
67	Association between traumatic brain injury and prison charges: a population-based cohort study. Brain Injury, 2020, 34, 757-765.	0.6	15
68	Whole truths but half the blood: Addressing the gap between the evidence and practice of preâ€hospital and inâ€hospital blood product use for trauma resuscitation. Transfusion, 2021, 61, S348-S353.	0.8	15
69	Isolated Traumatic Subarachnoid Hemorrhage. Critical Care Medicine, 2018, 46, 430-436.	0.4	14
70	Impact of a preventive bundle to reduce surgical site infections in gynecologic oncology. Gynecologic Oncology, 2019, 152, 480-485.	0.6	14
71	Population-based analysis of blunt splenic injury management in children: Operative rate is an informative quality of care indicator. Injury, 2014, 45, 859-863.	0.7	13
72	Burn center care reduces acute health care utilization after discharge: A population-based analysis of 1,895 survivors ofÂmajor burn injury. Surgery, 2017, 162, 891-900.	1.0	13

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73	Hypothermia indices among severely injured trauma patients undergoing urgent surgery: A single-centred retrospective quality review and analysis. Injury, 2018, 49, 117-123.	0.7	13
74	Simulation-based training for trauma resuscitation among ACS TQIP-Pediatric centers: Understanding prevalence of use, associated center characteristics, training factors, and implementation barriers. American Journal of Surgery, 2019, 217, 180-185.	0.9	13
75	Association between access to pediatric trauma care and motor vehicle crash death in children: An ecologic analysis of United States counties. Journal of Trauma and Acute Care Surgery, 2021, 91, 84-92.	1.1	13
76	Life After Discharge Following Major Injury. Annals of Surgery, 2016, 263, 633-635.	2.1	12
77	Toward late career transitioning: a proposal for academic surgeons. Canadian Journal of Surgery, 2017, 60, 355-358.	0.5	12
78	Hospital-level Variation in the Management and Outcomes of Patients With Adhesive Small Bowel Obstruction. Annals of Surgery, 2021, 274, e1063-e1070.	2.1	10
79	Temporal trends and differences in mortality at trauma centres across Ontario from 2005 to 2011: a retrospective cohort study. CMAJ Open, 2014, 2, E176-E182.	1.1	9
80	Trauma Surge Index: Advancing the Measurement of Trauma Surges and Their Influence on Mortality. Journal of the American College of Surgeons, 2015, 221, 729-738.e1.	0.2	9
81	Exclusion of Residents From Surgery-Intensive Care Team Communication: A Qualitative Study. Journal of Surgical Education, 2016, 73, 639-647.	1.2	9
82	Establishing an injury indicator for severe paediatric injury. Injury Prevention, 2017, 23, 118-123.	1.2	9
83	Longer Trials of Non-operative Management for Adhesive Small Bowel Obstruction Are Associated with Increased Complications. Journal of Gastrointestinal Surgery, 2020, 24, 890-898.	0.9	9
84	Blunt Versus Penetrating Neck Trauma: A Retrospective Cohort Study. Laryngoscope, 2021, 131, E1109-E1116.	1.1	9
85	Protocol for a multicentre, randomised, parallel-control, superiority trial comparing administration of clotting factor concentrates with a standard massive haemorrhage protocol in severely bleeding trauma patients: the FiiRST 2 trial (a 2020 EAST multicentre trial). BMJ Open, 2021, 11, e051003.	0.8	9
86	Definitive care in level 3 trauma centres after severe injury: A comparison of clinical characteristics and outcomes. Injury, 2015, 46, 1790-1795.	0.7	8
87	Structure, Process, and Culture of Intensive Care Units Treating Patients with Severe Traumatic Brain Injury: Survey of Centers Participating in the American College of Surgeons Trauma Quality Improvement Program. Journal of Neurotrauma, 2017, 34, 2760-2767.	1.7	8
88	Accelerating surgical quality improvement in Ontario through a regional collaborative: a quality-improvement study. CMAJ Open, 2018, 6, E353-E359.	1.1	8
89	Compassion Fatigue in Surgical Trainees. Journal of Surgical Education, 2019, 76, 1211-1222.	1.2	8
90	Practical Guide to Comparative Effectiveness Research Using Observational Data. JAMA Surgery, 2020, 155, 349.	2.2	8

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91	Earlier Surgery Reduces Complications in Acute Traumatic Thoracolumbar Spinal Cord Injury: Analysis of a Multi-Center Cohort of 4108 Patients. Journal of Neurotrauma, 2021, , .	1.7	8
92	Developing the American College of Surgeons Quality Improvement Framework to Evaluate Local Surgical Improvement Efforts. JAMA Surgery, 2022, 157, 737.	2.2	8
93	Inclusion of Highest Glasgow Coma Scale Motor Component Score in Mortality Risk Adjustment for Benchmarking of Trauma Center Performance. Journal of the American College of Surgeons, 2017, 225, 755-762.	0.2	7
94	Laparoscopic Surgery for Small Bowel Obstruction. Advances in Surgery, 2018, 52, 15-27.	0.6	7
95	Variability in time to surgery for patients with acute thoracolumbar spinal cord injuries. Scientific Reports, 2021, 11, 13312.	1.6	7
96	The importance of tailoring physicians' trauma care training needs in rural environments. Canadian Journal of Surgery, 2015, 58, 423-425.	0.5	7
97	Weight loss surgery and subsequent emergency care use: a population-based cohort study. American Journal of Emergency Medicine, 2016, 34, 861-865.	0.7	6
98	Peripheral Nerve Injury during Abdominal-Pelvic Surgery: Analysis of the National Surgical Quality Improvement Program Database. American Surgeon, 2017, 83, 1214-1219.	0.4	6
99	The Rapid Emergency Medicine Score: A Critical Appraisal of Its Measurement Properties and Applicability to the Air Retrieval Environment. Air Medical Journal, 2019, 38, 154-160.	0.3	6
100	Primary aeromedical retrieval crew composition: Do different teams impact clinical outcomes? A descriptive systematic review. Canadian Journal of Emergency Medicine, 2020, 22, S89-S103.	0.5	6
101	Reality of Accomplishing Surgery within 24 Hours for Complete Cervical Spinal Cord Injury: Clinical Practices and Safety. Journal of Neurotrauma, 2021, 38, 3011-3019.	1.7	6
102	Evaluating the Tactical Combat Casualty Care principles in civilian and military settings: systematic review, knowledge gap analysis and recommendations for future research. Trauma Surgery and Acute Care Open, 2021, 6, e000773.	0.8	6
103	Defining Communication Improvement Needs in General Surgery: An Analysis of Pages, Communications, Patterns, and Contentâ †?>. Journal of Surgical Education, 2016, 73, 959-967.	1.2	5
104	A retrospective cohort study of the relationship between quality indicator measurement and patient outcomes in adult trauma centers in the United States. Injury, 2017, 48, 13-19.	0.7	5
105	Impact of Smartphone Applications on Timing of Endovascular Therapy for Ischemic Stroke: A Preliminary Study. World Neurosurgery, 2017, 107, 678-683.	0.7	5
106	Uncovering Cultural Barriers to Quality Improvement Learning in a Trauma Program: An Ethnographic Study. Journal of Surgical Education, 2019, 76, 497-505.	1.2	5
107	Opioid stewardship after emergency laparoscopic general surgery. Trauma Surgery and Acute Care Open, 2019, 4, e000328.	0.8	5
108	Committed to Better Outcomes: Reducing Infection after Surgery Across the Ontario Surgical Quality Improvement Network. Journal of the American College of Surgeons, 2021, 233, 204-211.	0.2	5

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109	Canceled to Be Called Back: A Retrospective Cohort Study of Canceled Helicopter Emergency Medical Service Scene Calls That Are Later Transferred to a Trauma Center. Air Medical Journal, 2018, 37, 108-114.	0.3	4
110	Clinical significance of posttraumatic intracranial hemorrhage in clinically mild brain injury: a retrospective cohort study. CMAJ Open, 2019, 7, E511-E515.	1.1	4
111	Review of the requirements for effective mass casualty preparedness for trauma systems. A disaster waiting to happen?. British Journal of Anaesthesia, 2022, 128, e158-e167.	1.5	4
112	The Trauma Center Organizational Culture Survey: development and conduction. Journal of Surgical Research, 2015, 193, 7-14.	0.8	3
113	Management and In-hospital Mortality of 2235 Patients With a Traumatic Intimal Tear of the Thoracic Aorta. Annals of Surgery, 2020, Publish Ahead of Print, .	2.1	3
114	Optimizing Inter-Professional Communications in Surgery: Protocol for a Mixed-Methods Exploratory Study. JMIR Research Protocols, 2015, 4, e8.	0.5	3
115	Time to OR for patients with abdominal gunshot wounds: A potential process measure to assess the quality of trauma care?. Journal of Trauma and Acute Care Surgery, 2022, 92, 708-716.	1.1	3
116	Fear of innovation: public's perception of robotic surgery. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 6076-6083.	1.3	3
117	Cholecystectomy in mild gallstone pancreatitis: don't defer. Lancet, The, 2015, 386, 1218-1219.	6.3	2
118	Adhesive Small-Bowel Obstructionâ€"Surgery for All?â€"Reply. JAMA Surgery, 2019, 154, 1076.	2.2	2
119	Deliberate Self-harm Following Bariatric Surgery—Reply. JAMA Surgery, 2016, 151, 585.	2.2	1
120	Perioperative outcomes following radical prostatectomy for patients with disseminated cancer: An analysis of the National Surgical Quality Improvement Program database. Canadian Urological Association Journal, 2016, 10, 423.	0.3	1
121	Dual mechanical and pharmacological thromboprophylaxis decreases risk of pulmonary embolus after laparotomy for gynecologic malignancies. International Journal of Gynecological Cancer, 2020, , ijgc-2020-001205.	1.2	1
122	A multicenter retrospective cohort study of blunt traumatic injury to the common or internal carotid arteries. Injury, 2022, 53, 152-159.	0.7	1
123	Early fixation of traumatic spinal fractures and the reduction of complications in the absence of neurological injury: a retrospective cohort study from the American College of Surgeons Trauma Quality Improvement Program. Journal of Neurosurgery: Spine, 2021, 34, 117-126.	0.9	1
124	Drivers obesity and road crash risks in the United States. Journal of Local and Global Health Science, 2015, 2015, .	0.2	1
125	Re: Jeremy Yuen-Chun Teoh, Daniele Castellani, Claudia Mercader, et al. A Quantitative Analysis Investigating the Prevalence of "Manels―in Major Urology Meetings. Euro Urol 2021;80:442–9. European Urology, 2021, 81, e51-e51.	0.9	1
126	History of the Department of Surgery at the University of Toronto: celebrating a centennial of progress and innovation. Canadian Journal of Surgery, 2022, 65, E56-E65.	0.5	1

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127	Adverse events following robotic surgery: population-based analysis. British Journal of Surgery, 2022, 109, 763-771.	0.1	1
128	6â€Obesity trends in us drivers involved in fatal crashes abstract id 182 prevalence of drink driving in commercial vehicle drivers in cameroon: a random breath assessment survey. Injury Prevention, 2015, 21, A2.3-A3.	1.2	0
129	How prepared are Canadian trauma centres for mass casualty incidents?. Injury, 2021, 52, 2625-2629.	0.7	O
130	Crash risk in morbidly obese drivers before and after bariatric surgery: A population-based cohort study. Journal of Local and Global Health Science, 2015, 2015, .	0.2	0
131	The relative importance of clinical factors in initiating interfacility transfer of major trauma patients: A discrete choice experiment. Trauma, 0, , 146040862110317.	0.2	0
132	Fiirst-2: Prospective, Randomized Study Comparing Administration of Clotting Factor Concentrates with Standard Massive Hemorrhage Protocol in Severely Bleeding Trauma Patients. Blood, 2020, 136, 6-6.	0.6	0
133	Volume-outcome relationships in laryngeal trauma processes of care: a retrospective cohort study. European Journal of Trauma and Emergency Surgery, 2022, , 1 .	0.8	0