Avery B Nathens

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8993288/publications.pdf

Version: 2024-02-01

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	A multicenter retrospective cohort study of blunt traumatic injury to the common or internal carotid arteries. Injury, 2022, 53, 152-159.	0.7	1
2	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
3	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
4	Fear of innovation: public's perception of robotic surgery. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 6076-6083.	1.3	3
5	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
6	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
7	Adverse events following robotic surgery: population-based analysis. British Journal of Surgery, 2022, 109, 763-771.	0.1	1
8	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
9	Developing the American College of Surgeons Quality Improvement Framework to Evaluate Local Surgical Improvement Efforts. JAMA Surgery, 2022, 157, 737.	2.2	8
10	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
11	Blunt Versus Penetrating Neck Trauma: A Retrospective Cohort Study. Laryngoscope, 2021, 131, E1109-E1116.	1.1	9
12	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
13	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
14	Variability in time to surgery for patients with acute thoracolumbar spinal cord injuries. Scientific Reports, 2021, 11, 13312.	1.6	7
15	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
16	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
17	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
18	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

#	Article	IF	CITATIONS
19	How prepared are Canadian trauma centres for mass casualty incidents?. Injury, 2021, 52, 2625-2629.	0.7	0
20	Evaluation of Emergency Department Pediatric Readiness and Outcomes Among US Trauma Centers. JAMA Pediatrics, 2021, 175, 947.	3.3	40
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	Survey of major trauma centre preparedness for mass casualty incidents in Australia, Canada, England and New Zealand. EClinicalMedicine, 2020, 21, 100322.	3.2	15
30	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
31	Practical Guide to Comparative Effectiveness Research Using Observational Data. JAMA Surgery, 2020, 155, 349.	2.2	8
32	Association between traumatic brain injury and prison charges: a population-based cohort study. Brain Injury, 2020, 34, 757-765.	0.6	15
33	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
34	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
35	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
36	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

3

#	Article	IF	CITATIONS
37	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
38	Adhesive Small-Bowel Obstructionâ€"Surgery for All?â€"Reply. JAMA Surgery, 2019, 154, 1076.	2.2	2
39	Clinical significance of posttraumatic intracranial hemorrhage in clinically mild brain injury: a retrospective cohort study. CMAJ Open, 2019, 7, E511-E515.	1.1	4
40	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
41	A regional massive hemorrhage protocol developed through a modified Delphi technique. CMAJ Open, 2019, 7, E546-E561.	1.1	17
42	Association of Surgical Intervention for Adhesive Small-Bowel Obstruction With the Risk of Recurrence. JAMA Surgery, 2019, 154, 413.	2.2	77
43	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
44	Impact of a preventive bundle to reduce surgical site infections in gynecologic oncology. Gynecologic Oncology, 2019, 152, 480-485.	0.6	14
45	Compassion Fatigue in Surgical Trainees. Journal of Surgical Education, 2019, 76, 1211-1222.	1.2	8
46	Association Between Emergency Medical Service Response Time and Motor Vehicle Crash Mortality in the United States. JAMA Surgery, 2019, 154, 286.	2.2	80
47	Opioid stewardship after emergency laparoscopic general surgery. Trauma Surgery and Acute Care Open, 2019, 4, e000328.	0.8	5
48	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
49	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
50	Practical Guide to Surgical Data Sets: National Trauma Data Bank (NTDB). JAMA Surgery, 2018, 153, 852.	2.2	114
51	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
52	Isolated Traumatic Subarachnoid Hemorrhage. Critical Care Medicine, 2018, 46, 430-436.	0.4	14
53	Quality Benchmarking in Trauma: from the NTDB to TQIP. Current Trauma Reports, 2018, 4, 160-169.	0.6	34
54	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

#	Article	IF	CITATIONS
55	Trauma patient discharge and care transition experiences: Identifying opportunities for quality improvement in trauma centres. Injury, 2018, 49, 97-103.	0.7	24
56	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
57	The impact of perioperative blood transfusions on short-term outcomes following hepatectomy. Hepatobiliary Surgery and Nutrition, 2018, 7, 1-10.	0.7	23
58	Accelerating surgical quality improvement in Ontario through a regional collaborative: a quality-improvement study. CMAJ Open, 2018, 6, E353-E359.	1.1	8
59	Mental health outcomes after major trauma in Ontario: a population-based analysis. Cmaj, 2018, 190, E1319-E1327.	0.9	15
60	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
61	Laparoscopic Surgery for Small Bowel Obstruction. Advances in Surgery, 2018, 52, 15-27.	0.6	7
62	Medical Costs of Delayed Hip Fracture Surgery. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1387-1396.	1.4	27
63	Reporting and evaluating wait times for urgent hip fracture surgery in Ontario, Canada. Cmaj, 2018, 190, E702-E709.	0.9	22
64	The accuracy of burn diagnosis codes in health administrative data: A validation study. Burns, 2017, 43, 258-264.	1.1	16
65	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
66	Establishing an injury indicator for severe paediatric injury. Injury Prevention, 2017, 23, 118-123.	1.2	9
67	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
68	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
69	Impact of Smartphone Applications on Timing of Endovascular Therapy for Ischemic Stroke: A Preliminary Study. World Neurosurgery, 2017, 107, 678-683.	0.7	5
70	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
71	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
72	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

#	Article	IF	Citations
73	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
74	Direct medical costs of motorcycle crashes in Ontario. Cmaj, 2017, 189, E1410-E1415.	0.9	24
75	Assessment of emergency general surgery care based on formally developed quality indicators. Surgery, 2017, 162, 397-407.	1.0	23
76	Understanding Hospital Volume–Outcome Relationship in Severe Traumatic Brain Injury. Neurosurgery, 2017, 80, 534-542.	0.6	19
77	Timing of cholecystectomy following endoscopic sphincterotomy: a population-based study. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 2977-2985.	1.3	16
78	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
79	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
80	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
81	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
82	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
83	Toward late career transitioning: a proposal for academic surgeons. Canadian Journal of Surgery, 2017, 60, 355-358.	0.5	12
84	Deliberate Self-harm Following Bariatric Surgeryâ€"Reply. JAMA Surgery, 2016, 151, 585.	2.2	1
85	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
86	Clinical practice guideline: management of acute pancreatitis. Canadian Journal of Surgery, 2016, 59, 128-140.	0.5	269
87	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
88	Life After Discharge Following Major Injury. Annals of Surgery, 2016, 263, 633-635.	2.1	12
89	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
90	Association between traumatic brain injury and incarceration: a population-based cohort study. CMAJ Open, 2016, 4, E746-E753.	1.1	45

#	Article	IF	CITATIONS
91	Communication and Culture in the Surgical Intensive Care Unit. Qualitative Health Research, 2016, 26, 895-906.	1.0	24
92	Nationwide Assessment of Trends in Choledocholithiasis Management in the United States From 1998 to 2013. JAMA Surgery, 2016, 151, 1125.	2.2	99
93	Association Between Trauma Center Type and Mortality Among Injured Adolescent Patients. JAMA Pediatrics, 2016, 170, 780.	3.3	76
94	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
95	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
96	Early prediction of outcome after severe traumatic brain injury: a simple and practical model. BMC Emergency Medicine, 2016, 16, 32.	0.7	19
97	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
98	Exclusion of Residents From Surgery-Intensive Care Team Communication: A Qualitative Study. Journal of Surgical Education, 2016, 73, 639-647.	1.2	9
99	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
100	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
101	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
102	First-Trimester Maternal Abdominal Adiposity Predicts Dysglycemia and Gestational Diabetes Mellitus in Midpregnancy. Diabetes Care, 2016, 39, 61-64.	4.3	64
103	Self-harm Emergencies After Bariatric Surgery. JAMA Surgery, 2016, 151, 226.	2.2	128
104	Redefining "dead on arrival― Journal of Trauma and Acute Care Surgery, 2015, 79, 850-857.	1.1	19
105	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
106	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
107	Mortality Among Injured Children Treated at Different Trauma Center Types. JAMA Surgery, 2015, 150, 874.	2.2	140
108	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

#	Article	IF	Citations
109	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
110	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
111	Intracranial pressure monitoring among children with severe traumatic brain injury. Journal of Neurosurgery: Pediatrics, 2015, 16, 523-532.	0.8	35
112	Cholecystectomy in mild gallstone pancreatitis: don't defer. Lancet, The, 2015, 386, 1218-1219.	6.3	2
113	The Trauma Center Organizational Culture Survey: development and conduction. Journal of Surgical Research, 2015, 193, 7-14.	0.8	3
114	The importance of tailoring physicians' trauma care training needs in rural environments. Canadian Journal of Surgery, 2015, 58, 423-425.	0.5	7
115	Optimizing Inter-Professional Communications in Surgery: Protocol for a Mixed-Methods Exploratory Study. JMIR Research Protocols, 2015, 4, e8.	0.5	3
116	Drivers obesity and road crash risks in the United States. Journal of Local and Global Health Science, 2015, 2015, .	0.2	1
117	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
118	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
119	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
120	Tourniquet use for peripheral vascular injuries in the civilian setting. Injury, 2014, 45, 573-577.	0.7	88
121	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
122	Early cholecystectomy for acute cholecystitis: a population-based retrospective cohort study of variation in practice. CMAJ Open, 2013, 1, E62-E67.	1.1	24
123	The American College of Surgeons Trauma Quality Improvement Program. Surgical Clinics of North America, 2012, 92, 441-454.	0.5	98
124	Three Thousand Seven Hundred Thirty-Eight Posttraumatic Pulmonary Emboli. Annals of Surgery, 2011, 254, 625-632.	2.1	133
125	The Trauma Quality Improvement Program: Pilot Study and Initial Demonstration of Feasibility. Journal of Trauma, 2010, 68, 253-262.	2.3	129
126	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

AVERY B NATHENS

#	Article	IF	CITATIONS
127	Ranking of Trauma Center Performance: The Bare Essentials. Journal of Trauma, 2008, 65, 628-635.	2.3	29
128	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
129	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
130	Tertiary Peritonitis: Clinical Features of a Complex Nosocomial Infection. World Journal of Surgery, 1998, 22, 158-163.	0.8	183
131	Pyrrolidine Dithiocarbamate Attenuates Endotoxin-induced Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 1997, 17, 608-616.	1.4	85
132	Sepsis, SIRS, and MODS: WhatÂ's in a Name?. World Journal of Surgery, 1996, 20, 386-391.	0.8	48
133	The relative importance of clinical factors in initiating interfacility transfer of major trauma patients: A discrete choice experiment. Trauma, 0, , 146040862110317.	0.2	0