

Rishi Rattan

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

1,064
citations

516710

16
h-index

552781

26
g-index

113
all docs

113
docs citations

113
times ranked

1060
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. <i>Anaesthesia</i> , 2022, 77, 28-39.	3.8	82
2	Using artificial intelligence to predict prolonged mechanical ventilation and tracheostomy placement. <i>Journal of Surgical Research</i> , 2018, 228, 179-187.	1.6	60
3	Risk factors and costs associated with nationwide nonelective readmission after trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 126-134.	2.1	52
4	Patients with Complicated Intra-Abdominal Infection Presenting with Sepsis Do Not Require Longer Duration of Antimicrobial Therapy. <i>Journal of the American College of Surgeons</i> , 2016, 222, 440-446.	0.5	50
5	Predicting central line-associated bloodstream infections and mortality using supervised machine learning. <i>Journal of Critical Care</i> , 2018, 45, 156-162.	2.2	47
6	Hidden Costs of Hospitalization After Firearm Injury. <i>Annals of Surgery</i> , 2018, 267, 810-815.	4.2	46
7	Comparing Machine Learning Algorithms for Predicting Acute Kidney Injury. <i>American Surgeon</i> , 2019, 85, 725-729.	0.8	32
8	Hidden burden of venous thromboembolism after trauma: A national analysis. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 899-906.	2.1	26
9	Underestimation of Unplanned Readmission after Colorectal Surgery: A National Analysis. <i>Journal of the American College of Surgeons</i> , 2018, 226, 382-390.	0.5	24
10	Prospective validation of the Emergency Surgery Score in emergency general surgery: An Eastern Association for the Surgery of Trauma multicenter study. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 118-124.	2.1	24
11	Prevention of all-terrain vehicle injuries: A systematic review from The Eastern Association for the Surgery of Trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 1017-1026.	2.1	22
12	Vitamin C and thiamine are associated with lower mortality in sepsis. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 111-117.	2.1	20
13	Same-Hospital Re-Admission Rate Is Not Reliable for Measuring Post-Operative Infection-Related Re-Admission. <i>Surgical Infections</i> , 2017, 18, 904-909.	1.4	19
14	Multi-Center Outcomes of Chlorhexidine Oral Decontamination in Intensive Care Units. <i>Surgical Infections</i> , 2020, 21, 659-664.	1.4	19
15	The Future is Now: Software-Guided Intensive Insulin Therapy in the Critically Ill. <i>Journal of Diabetes Science and Technology</i> , 2013, 7, 548-554.	2.2	18
16	Sepsis 2019: What Surgeons Need to Know. <i>Surgical Infections</i> , 2020, 21, 195-204.	1.4	18
17	Human and economic costs of pediatric firearm injury. <i>Journal of Pediatric Surgery</i> , 2020, 55, 944-949.	1.6	18
18	Identifying Populations at Risk for Child Abuse: A Nationwide Analysis. <i>Journal of Pediatric Surgery</i> , 2020, 55, 135-139.	1.6	16

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19	Predicting Mortality in the Surgical Intensive Care Unit Using Artificial Intelligence and Natural Language Processing of Physician Documentation. <i>American Surgeon</i> , 2018, 84, 1190-1194.	0.8	15
20	Call to Action on the Categorization of Sex, Gender, Race, and Ethnicity in Surgical Research. <i>Journal of the American College of Surgeons</i> , 2021, 233, 316-319.	0.5	15
21	Advanced Statistics: Multiple Logistic Regression, Cox Proportional Hazards, and Propensity Scores. <i>Surgical Infections</i> , 2021, 22, 604-610.	1.4	15
22	Separating wheat from chaff: examining the obesity paradox in the critically ill. <i>Critical Care</i> , 2013, 17, 168.	5.8	14
23	Does Isolation of <i>Enterococcus</i> Affect Outcomes in Intra-Abdominal Infections?. <i>Surgical Infections</i> , 2017, 18, 879-885.	1.4	14
24	Securing the Emergency Department During Terrorism Incidents: Lessons Learned From the Boston Marathon Bombings. <i>Disaster Medicine and Public Health Preparedness</i> , 2019, 13, 791-798.	1.3	14
25	Percutaneously drained intra-abdominal infections do not require longer duration of antimicrobial therapy. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, 108-113.	2.1	13
26	Appendicitis in Pregnancy: A Post-Hoc Analysis of an EAST Multicenter Study. <i>Surgical Infections</i> , 2020, 21, 205-211.	1.4	13
27	Primary prevention of contact sports-related concussions in amateur athletes: a systematic review from the Eastern Association for the Surgery of Trauma. <i>Trauma Surgery and Acute Care Open</i> , 2018, 3, e000153.	1.6	12
28	#EAST4ALL: An introduction to the EAST equity, quality, and inclusion task force. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 225-233.	2.1	12
29	Prevention of Firearm Violence Through Specific Types of Community-based Programming. <i>Annals of Surgery</i> , 2021, 274, 298-305.	4.2	12
30	Patients with Risk Factors for Complications Do Not Require Longer Antimicrobial Therapy for Complicated Intra-Abdominal Infection. <i>American Surgeon</i> , 2016, 82, 860-866.	0.8	11
31	Machine Learning Models for Prediction of Reinjury After Penetrating Trauma. <i>JAMA Surgery</i> , 2018, 153, 184.	4.3	11
32	The hidden burden of unplanned readmission after emergency general surgery. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 91, 891-897.	2.1	11
33	Universal screening for intimate partner and sexual violence in trauma patients—What about the men? An Eastern Association for the Surgery of Trauma Multicenter Trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 85-90.	2.1	10
34	Alcohol-related trauma reinjury prevention with hospital-based screening in adult populations: An Eastern Association for the Surgery of Trauma evidence-based systematic review. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 106-112.	2.1	10
35	Preperitoneal packing for pelvic fracture-associated hemorrhage: A systematic review, meta-analysis, and practice management guideline from the Eastern Association for the Surgery of Trauma. <i>American Journal of Surgery</i> , 2020, 220, 873-888.	1.8	10
36	Variation in National Readmission Patterns After Burn Injury. <i>Journal of Burn Care and Research</i> , 2018, 39, 670-675.	0.4	9

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37	Association of Racial and Socioeconomic Diversity With Implicit Bias in Acute Care Surgery. JAMA Surgery, 2019, 154, 459.	4.3	9
38	Comparing Machine Learning Algorithms for Predicting Acute Kidney Injury. American Surgeon, 2019, 85, 725-729.	0.8	9
39	Teenage Trauma Patients Are at Increased Risk for Readmission for Mental Diseases and Disorders. Journal of Surgical Research, 2018, 232, 415-421.	1.6	8
40	Use of Predictive Equations for Energy Prescription Results in Inaccurate Estimation in Trauma Patients. Nutrition in Clinical Practice, 2020, 35, 927-932.	2.4	8
41	Postmortem Incidence of Acute Surgical- and Trauma-Associated Pathologic Conditions in Prison Inmates in Miami Dade County, Florida. JAMA Surgery, 2019, 154, 87.	4.3	8
42	Readmission and reinjury patterns in pediatric assault victims. Pediatric Surgery International, 2020, 36, 191-199.	1.4	7
43	Readmission for infection after blunt splenic injury: A national comparison of management techniques. Journal of Trauma and Acute Care Surgery, 2020, 88, 390-395.	2.1	7
44	A Simple Risk Score to Predict Clavien-Dindo Grade IV and V Complications After Non-elective Cholecystectomy. Journal of Gastrointestinal Surgery, 2021, 25, 201-210.	1.7	7
45	Unplanned readmission after emergency laparotomy: A post hoc analysis of an EAST multicenter study. Surgery, 2021, 169, 1434-1440.	1.9	7
46	Factors associated with stroke formation in blunt cerebrovascular injury: An EAST multicenter study. Journal of Trauma and Acute Care Surgery, 2022, 92, 347-354.	2.1	7
47	Equity on the frontlines of trauma surgery: An #EAST4ALL roundtable. Journal of Trauma and Acute Care Surgery, 2021, 90, 129-136.	2.1	7
48	The role of direct peritoneal resuscitation in the treatment of hemorrhagic shock after trauma and in emergency acute care surgery: a systematic review. European Journal of Trauma and Emergency Surgery, 2022, 48, 791-797.	1.7	7
49	Predicting Mortality in the Surgical Intensive Care Unit Using Artificial Intelligence and Natural Language Processing of Physician Documentation. American Surgeon, 2018, 84, 1190-1194.	0.8	7
50	Traumatic Lower Extremity Vascular Injuries and Limb Salvage in a Civilian Urban Trauma Center. Annals of Vascular Surgery, 2022, 82, 30-40.	0.9	7
51	Outcomes in patients with gunshot wounds to the brain. Trauma Surgery and Acute Care Open, 2019, 4, e000351.	1.6	6
52	A survey of the practice and attitudes of surgeons regarding the treatment of appendicitis. American Journal of Surgery, 2019, 218, 106-112.	1.8	6
53	Validating the ATLS Shock Classification for Predicting Death, Transfusion, or Urgent Intervention. Journal of Surgical Research, 2020, 245, 163-167.	1.6	6
54	Readmission following surgical stabilization of rib fractures: Analysis of incidence, cost, and risk factors using the Nationwide Readmissions Database. Journal of Trauma and Acute Care Surgery, 2021, 91, 361-368.	2.1	6

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55	Risk factors for complications after cholecystectomy for common bile duct stones: An EAST multicenter study. <i>Surgery</i> , 2020, 168, 62-66.	1.9	5
56	Narrow- versus Broad-Spectrum Antibiotics for Simple Acute Appendicitis Treated by Appendectomy: A Post Hoc Analysis of EAST MUSTANG Study. <i>Journal of Surgical Research</i> , 2020, 254, 217-222.	1.6	5
57	The emergency surgery score (ESS) and outcomes in elderly patients undergoing emergency laparotomy: A post-hoc analysis of an EAST multicenter study. <i>American Journal of Surgery</i> , 2021, 221, 1069-1075.	1.8	5
58	The Emergency Surgery Score accurately predicts the need for postdischarge respiratory and renal support after emergent laparotomies: A prospective EAST multicenter study. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 557-564.	2.1	5
59	Adding to the story, did penetrating trauma really increase? changes in trauma patterns during the COVID-19 pandemic: A multi-institutional, multi-region investigation. <i>Injury</i> , 2022, 53, 1979-1986.	1.7	5
60	Different Surgeon, Different Duration: Lack of Consensus on the Appropriate Duration of Antimicrobial Prophylaxis and Therapy in Surgical Practice. <i>Surgical Infections</i> , 2022, 23, 232-247.	1.4	5
61	Nationwide risk factors for hospital readmission for subsequent injury after motor vehicle crashes. <i>Traffic Injury Prevention</i> , 2018, 19, S127-S132.	1.4	4
62	Blunt Trauma: What Is Behind the Widened Mediastinum on Chest X-Ray (CXR)?. <i>Journal of Surgical Research</i> , 2019, 243, 23-26.	1.6	4
63	Variations in Nationwide Readmission Patterns after Umbilical Hernia Repair. <i>American Surgeon</i> , 2019, 85, 494-500.	0.8	4
64	Early hypermetabolism is uncommon in trauma intensive care unit patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 771-781.	2.6	4
65	Prophylactic Drainage after Appendectomy for Perforated Appendicitis in Adults: A Post Hoc Analysis of an EAST Multi-Center Study. <i>Surgical Infections</i> , 2021, 22, 780-786.	1.4	4
66	Full-face motorcycle helmets to reduce injury and death: A systematic review, meta-analysis, and practice management guideline from the Eastern Association for the Surgery of Trauma. <i>American Journal of Surgery</i> , 2022, 224, 1238-1246.	1.8	4
67	Tight glycemic control: what do we really know, and what should we expect?. <i>Critical Care</i> , 2010, 14, 198.	5.8	3
68	Personal Watercraft Related Injuries—16-Year Experience from a Level I Trauma Center. <i>American Surgeon</i> , 2017, 83, 485-487.	0.8	3
69	COVID-19, Ethics and Equity—What Is Our Role as Surgeons?. <i>Annals of Surgery</i> , 2020, 272, e14-e17.	4.2	3
70	Revisiting the Surgical Infection Society Delphi Analysis of the Research Agenda in Surgical Infections: Advancements and Unanswered Questions. <i>Surgical Infections</i> , 2021, 22, 258-265.	1.4	3
71	Impact of Delay in Appendectomy on the Outcome of Appendicitis: A Post Hoc Analysis of an EAST Multicenter Study. <i>Surgical Infections</i> , 2021, 22, 463-468.	1.4	3
72	Outcomes of same admission cholecystectomy and endoscopic retrograde cholangiopancreatography for common bile duct stones: A post hoc analysis of an Eastern Association for the Surgery of Trauma multicenter study. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 673-679.	2.1	3

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73	Surgical Infection Society Research Priorities: A Narrative Review of Fourteen Years of Progress. <i>Surgical Infections</i> , 2021, 22, 568-582.	1.4	3
74	Readmission for venous thromboembolism after emergency general surgery is underreported and influenced by insurance status. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 64-72.	2.1	3
75	Intraoperative identification of adrenal-renal fusion. <i>Journal of Minimal Access Surgery</i> , 2015, 11, 205.	0.7	3
76	Analyzing pediatric bicycle injuries using geo-demographic data. <i>Journal of Pediatric Surgery</i> , 2022, 57, 915-917.	1.6	3
77	Patients with Risk Factors for Complications Do Not Require Longer Antimicrobial Therapy for Complicated Intra-Abdominal Infection. <i>American Surgeon</i> , 2016, 82, 860-6.	0.8	3
78	Outcomes of Restricted versus Liberal Post-Operative Antibiotic Use in Patients Undergoing Appendectomy: A DOOR/RADAR Post Hoc Analysis of the EAST Appendicitis MUSTANG Study. <i>Surgical Infections</i> , 2022, 23, 489-494.	1.4	3
79	Ethical Care of the Traumatized: Conceptual Introduction to Trauma-Informed Care for Surgeons and Surgical Residents. <i>Journal of the American College of Surgeons</i> , 2022, 234, 1238-1247.	0.5	3
80	Management of Lower Extremity Vascular Injuries: State of the Art. <i>Current Surgery Reports</i> , 2015, 3, 1.	0.9	2
81	National Risk Factors for Child Maltreatment after Trauma: Failure to Prevent. <i>American Surgeon</i> , 2019, 85, 700-707.	0.8	2
82	The Long-term Risk of Venous Thromboembolism After Blunt Splenic Injury Managed by Embolization. <i>Annals of Surgery</i> , 2020, 271, e98-e100.	4.2	2
83	Hidden Readmissions after Carotid Endarterectomy and Stenting. <i>Annals of Vascular Surgery</i> , 2020, 68, 132-140.	0.9	2
84	Identifying Abuse and Neglect in Hospitalized Children With Burn Injuries. <i>Journal of Surgical Research</i> , 2021, 257, 232-238.	1.6	2
85	Double-blinded manuscript review: Avoiding peer review bias. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 91, e39-e42.	2.1	2
86	Microbial Epidemiology of Acute and Perforated Appendicitis: A Post-Hoc Analysis of an EAST Multicenter Study. <i>Journal of Surgical Research</i> , 2022, 269, 69-75.	1.6	2
87	Patients with Complicated Intra-Abdominal Infection Presenting with Sepsis Do Not Require Longer Duration of Antimicrobial Therapy. <i>Journal of the American College of Surgeons</i> , 2016, 223, 206-207.	0.5	1
88	Supervised machine learning in critical care: The path forward. <i>Journal of Critical Care</i> , 2018, 46, 162-163.	2.2	1
89	Hurricane Irma: Lessons learned from a South Florida Gateway Level II trauma center and public health trust system. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 635-636.	2.1	1
90	Nationwide Outcomes and Risk Factors for Reinjury After Penetrating Trauma. <i>Journal of Surgical Research</i> , 2020, 250, 59-69.	1.6	1

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91	OUP accepted manuscript. British Journal of Surgery, 2021, 108, e332-e335.	0.3	1
92	Uncaptured rates of postpartum venous thromboembolism: a US national analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2021, 128, 1694-1702.	2.3	1
93	Surgical Infections and the Future of Research: Re-Defining the Research Agenda for the Surgical Infection Society. Surgical Infections, 2021, 22, 1014-1020.	1.4	1
94	Discordance in Appendicitis Grading and the Association with Outcomes: A Post-Hoc Analysis of an EAST Multicenter Study. Journal of Surgical Research, 2021, 265, 259-264.	1.6	1
95	Recent release from prison "A novel risk factor for intimate partner homicide. Journal of Trauma and Acute Care Surgery, 2021, 90, 107-112.	2.1	1
96	Role of Empiric Antifungal Therapy in Patients with Perforated Peptic Ulcers. Surgical Infections, 2022, 23, 174-177.	1.4	1
97	Variations in Nationwide Readmission Patterns after Umbilical Hernia Repair. American Surgeon, 2019, 85, 494-500.	0.8	1
98	Appendectomy versus nonoperative management of simple appendicitis: A post hoc analysis of an Eastern Association for the Surgery of Trauma multicenter study using a hierarchical ordinal scale. Journal of Trauma and Acute Care Surgery, 2022, 92, 1031-1038.	2.1	1
99	Cholera in Haiti: informing health policies. Lancet, The, 2012, 380, S6.	13.7	0
100	1577: A LOW-COST, LOW-RESOURCE DEVICE FOR PRIMARY FASCIAL CLOSURE IN THE OPEN ABDOMEN. Critical Care Medicine, 2016, 44, 469-469.	0.9	0
101	Delays to the operating room increase mortality in sick trauma patients. Journal of Trauma and Acute Care Surgery, 2017, 83, 747.	2.1	0
102	Missed Venous Thromboembolism after Major Cancer Surgery. Journal of the American College of Surgeons, 2018, 227, e58.	0.5	0
103	Response: Hidden Costs of Hospitalization After Firearm Injury. Annals of Surgery, 2018, 268, e78.	4.2	0
104	A589 Risk Factors For Readmission For Hyperparathyroidism After Bariatric Surgery. Surgery for Obesity and Related Diseases, 2019, 15, S242-S243.	1.2	0
105	A188 Risk Factors and Rates of Cholecystectomy During Readmission Following Bariatric Surgery. Surgery for Obesity and Related Diseases, 2019, 15, S60.	1.2	0
106	Missed Postpartum Venous Thromboembolism: A National Analysis of Different Hospital Readmission [33N]. Obstetrics and Gynecology, 2019, 133, 159S-159S.	2.4	0
107	Significant Number of Venous Thromboembolisms after Liver Transplantation are Missed: A National Analysis. Journal of the American College of Surgeons, 2020, 231, e36.	0.5	0
108	Increased Surgical Morbidity in Patients with Choledocholithiasis and Gallstone Pancreatitis with Concomitant Acute Cholecystitis. Journal of the American College of Surgeons, 2020, 231, e128-e129.	0.5	0

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109	471: EARLY PROTEIN INTAKE IN CRITICALLY ILL TRAUMA PATIENTS MAY AFFECT CLINICALLY IMPORTANT OUTCOMES. <i>Critical Care Medicine</i> , 2020, 48, 216-216.	0.9	0
110	Volunteerism is not enough. <i>Bulletin of the American College of Surgeons</i> , 2010, 95, 25.	0.3	0
111	National Risk Factors for Child Maltreatment after Trauma: Failure to Prevent. <i>American Surgeon</i> , 2019, 85, 700-707.	0.8	0
112	593: ROLE OF STRESS ULCER PROPHYLAXIS IN CRITICALLY ILL PATIENTS RECEIVING ENTERAL NUTRITION. <i>Critical Care Medicine</i> , 2022, 50, 288-288.	0.9	0