

Christopher J Tignanelli

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,909
citations

279487

23
h-index

205818

48
g-index

93
all docs

93
docs citations

93
times ranked

5119
citing authors

#	ARTICLE	IF	CITATIONS
1	Bowel Ischemia Score Predicts Early Operation in Patients With Adhesive Small Bowel Obstruction. <i>American Surgeon</i> , 2022, 88, 205-211.	0.4	5
2	Need for Emergent Intervention within 6â€‰%Hours: A Novel Prediction Model for Hospital Trauma Triage. <i>Prehospital Emergency Care</i> , 2022, 26, 556-565.	1.0	4
3	Responding to COVID-19 Through Interhospital Resource Coordination: A Mixed-Methods Evaluation. <i>Journal of Patient Safety</i> , 2022, 18, 287-294.	0.7	5
4	Improved Prediction of Older Adult Discharge After Trauma Using a Novel Machine Learning Paradigm. <i>Journal of Surgical Research</i> , 2022, 270, 39-48.	0.8	4
5	Barriers to and Facilitators for Acceptance of Comprehensive Clinical Decision Support Systemâ€“Driven Care Maps for Patients With Thoracic Trauma: Interview Study Among Health Care Providers and Nurses. <i>JMIR Human Factors</i> , 2022, 9, e29019.	1.0	9
6	A 12-hospital prospective evaluation of a clinical decision support prognostic algorithm based on logistic regression as a form of machine learning to facilitate decision making for patients with suspected COVID-19. <i>PLoS ONE</i> , 2022, 17, e0262193.	1.1	10
7	Vaccination Against SARS-CoV-2 Is Associated With a Lower Viral Load and Likelihood of Systemic Symptoms. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac066.	0.4	17
8	Efficacy of Losartan in Hospitalized Patients With COVID-19â€“Induced Lung Injury. <i>JAMA Network Open</i> , 2022, 5, e222735.	2.8	42
9	Comparison of Outcomes and Process of Care for Patients Treated at Hospitals Dedicated for COVID-19 Care vs Other Hospitals. <i>JAMA Network Open</i> , 2022, 5, e220873.	2.8	8
10	Predictors of Postacute Sequelae of COVID-19 Development and Rehabilitation: A Retrospective Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 2001-2008.	0.5	5
11	Predicting outcomes after traumatic brain injury: A novel hospital prediction model for a patient reported outcome. <i>American Journal of Surgery</i> , 2022, 224, 1150-1155.	0.9	1
12	Performance of a Chest Radiograph AI Diagnostic Tool for COVID-19: A Prospective Observational Study. <i>Radiology: Artificial Intelligence</i> , 2022, 4, .	3.0	14
13	The Effect of Organ System Surgery on Intensive Care Unit Mortality in a Cohort of Critically Ill Surgical Patients. <i>American Surgeon</i> , 2021, 87, 1230-1237.	0.4	1
14	Racial Disparities at Mixed-Race and Minority Hospitals. <i>American Surgeon</i> , 2021, 87, 287-295.	0.4	1
15	Metformin and risk of mortality in patients hospitalised with COVID-19: a retrospective cohort analysis. <i>The Lancet Healthy Longevity</i> , 2021, 2, e34-e41.	2.0	160
16	mTOR inhibition in COVIDâ€“19: A commentary and review of efficacy in RNA viruses. <i>Journal of Medical Virology</i> , 2021, 93, 1843-1846.	2.5	63
17	We Should Do More to Offer Evidence-Based Treatment for an Important Modifiable Risk Factor for COVID-19: Obesity. <i>Journal of Primary Care and Community Health</i> , 2021, 12, 215013272199628.	1.0	2
18	Outpatient metformin use is associated with reduced severity of COVIDâ€“19 disease in adults with overweight or obesity. <i>Journal of Medical Virology</i> , 2021, 93, 4273-4279.	2.5	41

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19	Characterizing COVID-19 clinical phenotypes and associated comorbidities and complication profiles. PLoS ONE, 2021, 16, e0248956.	1.1	47
20	Biological Aging Predicts Vulnerability to COVID-19 Severity in UK Biobank Participants. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, e133-e141.	1.7	30
21	Evaluation of an Intrahospital Telemedicine Program for Patients Admitted With COVID-19: Mixed Methods Study. Journal of Medical Internet Research, 2021, 23, e25987.	2.1	6
22	Discordant Cardiopulmonary Resuscitation and Code Status at Death. Journal of Pain and Symptom Management, 2021, 61, 770-780.e1.	0.6	5
23	Racial and Ethnic Disparities in Hospital Admissions from COVID-19: Determining the Impact of Neighborhood Deprivation and Primary Language. Journal of General Internal Medicine, 2021, 36, 3462-3470.	1.3	58
24	Back Cover Image, Volume 93, Number 7, July 2021. Journal of Medical Virology, 2021, 93, ii.	2.5	0
25	Field-Triage, Hospital-Triage and Triage-Assessment: A Literature Review of the Current Phases of Adult Trauma Triage. Journal of Trauma and Acute Care Surgery, 2021, 90, e138-e145.	1.1	23
26	Morbidity and Mortality Trends of Pancreatitis: An Observational Study. Surgical Infections, 2021, 22, 1021-1030.	0.7	8
27	A multi-center phase II randomized clinical trial of losartan on symptomatic outpatients with COVID-19. EClinicalMedicine, 2021, 37, 100957.	3.2	56
28	A fast, resource efficient, and reliable rule-based system for COVID-19 symptom identification. JAMIA Open, 2021, 4, ooab070.	1.0	4
29	Overcoming gaps: regional collaborative to optimize capacity management and predict length of stay of patients admitted with COVID-19. JAMIA Open, 2021, 4, ooab055.	1.0	3
30	Challenges in the Development and Implementation of Older Adult Trauma Prognostication Tools to Facilitate Shared Decision-Making. Journal of Surgical Research, 2021, 266, 430-432.	0.8	2
31	Metabolic surgery may protect against admission for COVID-19 in persons with nonalcoholic fatty liver disease. Surgery for Obesity and Related Diseases, 2021, 17, 1780-1786.	1.0	10
32	Outpatient and inpatient anticoagulation therapy and the risk for hospital admission and death among COVID-19 patients. EClinicalMedicine, 2021, 41, 101139.	3.2	19
33	Extending Trauma Quality Improvement Beyond Trauma Centers. Annals of Surgery, 2021, Publish Ahead of Print, 406-413.	2.1	4
34	Heterogeneity in COVID-19 Patients at Multiple Levels of Granularity: From Biclusters to Clinical Interventions. AMIA Summits on Translational Science Proceedings, 2021, 2021, 112-121.	0.4	1
35	Utilization of Intensive Care Unit Nutrition Consultation Is Associated With Reduced Mortality. Journal of Parenteral and Enteral Nutrition, 2020, 44, 213-219.	1.3	3
36	Predictors of elderly mortality after trauma: A novel outcome score. Journal of Trauma and Acute Care Surgery, 2020, 88, 416-424.	1.1	22

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37	Pre- and Peri-Operative Factors Associated with Chronic Critical Illness in Liver Transplant Recipients. <i>Surgical Infections</i> , 2020, 21, 246-254.	0.7	6
38	Implementation of a Prophylactic Anticoagulation Guideline for Patients with Traumatic Brain Injury. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2020, 46, 185-191.	0.4	6
39	Epidemiological trends of surgical admissions to the intensive care unit in the United States. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 279-288.	1.1	11
40	Natural language processing of prehospital emergency medical services trauma records allows for automated characterization of treatment appropriateness. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 607-614.	1.1	14
41	National Trends and Variation of Functional Status Deterioration in the Medically Critically Ill*. <i>Critical Care Medicine</i> , 2020, 48, 1556-1564.	0.4	14
42	Racial Disparities at Mixed-Race and Minority Hospitals: Treatment of African American Males With High-Grade Splenic Injuries. <i>American Surgeon</i> , 2020, 86, 441-449.	0.4	2
43	Transforming a Long-Term Acute Care Hospital into a COVID-19 "Designated Hospital. <i>Surgical Infections</i> , 2020, 21, 729-731.	0.7	11
44	Immunomodulation in COVID-19. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 544-546.	5.2	146
45	Clinical Decision Support Intervention for Rib Fracture Treatment. <i>Journal of the American College of Surgeons</i> , 2020, 231, 249-256e2.	0.2	15
46	Clinical Decision Support Intervention and Time to Imaging in Older Patients with Traumatic Brain Injury. <i>Journal of the American College of Surgeons</i> , 2020, 231, 361-367e2.	0.2	8
47	Antihypertensive drugs and risk of COVID-19?. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, e30-e31.	5.2	74
48	Redefining the Trauma Triage Matrix: The Role of Emergent Interventions. <i>Journal of Surgical Research</i> , 2020, 251, 195-201.	0.8	10
49	Predictors of Change in Code Status from Time of Admission to Death in Critically Ill Surgical Patients. <i>American Surgeon</i> , 2020, 86, 237-244.	0.4	7
50	Shining a light on the evidence for hydroxychloroquine in SARS-CoV-2. <i>Critical Care</i> , 2020, 24, 182.	2.5	8
51	Understanding the renin-angiotensin-aldosterone-SARS-CoV axis: a comprehensive review. <i>European Respiratory Journal</i> , 2020, 56, 2000912.	3.1	123
52	Fact Versus Science Fiction: Fighting Coronavirus Disease 2019 Requires the Wisdom to Know the Difference. , 2020, 2, e0108.		18
53	Association Between Adherence to Evidence-Based Practices for Treatment of Patients With Traumatic Rib Fractures and Mortality Rates Among US Trauma Centers. <i>JAMA Network Open</i> , 2020, 3, e201316.	2.8	42
54	Recent Trends in Admission Diagnosis and Related Mortality in the Medically Critically Ill. <i>Journal of Intensive Care Medicine</i> , 2020, , 088506662098290.	1.3	5

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55	Predictors of Change in Code Status from Time of Admission to Death in Critically Ill Surgical Patients. <i>American Surgeon</i> , 2020, 86, 237-244.	0.4	2
56	Surgical repair of perforated peptic ulcers: laparoscopic versus open approach. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 281-292.	1.3	18
57	Intraoperative Transdiaphragmatic Echocardiography. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 3176-3181.	0.6	0
58	Optimal Methods to Secure Extracorporeal Membrane Oxygenation Bicaval Dual-Lumen Cannulae: What Works?. <i>ASAIO Journal</i> , 2019, 65, 628-630.	0.9	7
59	Early Imaging Associated With Improved Survival in Older Patients With Mild Traumatic Brain Injuries. <i>Journal of Surgical Research</i> , 2019, 242, 4-10.	0.8	16
60	The Fragility Indexâ€”<i>P</i> Values Reimagined, Flaws and Allâ€”Reply. <i>JAMA Surgery</i> , 2019, 154, 674.	2.2	7
61	Nationwide cohort study of independent risk factors for acute respiratory distress syndrome after trauma. <i>Trauma Surgery and Acute Care Open</i> , 2019, 4, e000249.	0.8	31
62	Should they stay or should they go? Who benefits from interfacility transfer to a higher-level trauma center following initial presentation at a lower-level trauma center. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 952-960.	1.1	33
63	American College of Surgeons Committee on Trauma verification level affects trauma center management of pelvic ring injuries and patient mortality. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 1-10.	1.1	27
64	The Fragility Index in Randomized Clinical Trials as a Means of Optimizing Patient Care. <i>JAMA Surgery</i> , 2019, 154, 74.	2.2	119
65	Empirical systemic anticoagulation is associated with decreased venous thromboembolism in critically ill influenza A H1N1 acute respiratory distress syndrome patients. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2019, 7, 317-324.	0.9	137
66	Are Predictive Energy Expenditure Equations in Ventilated Surgery Patients Accurate?. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 426-431.	1.3	13
67	Named Entity Recognition in Prehospital Trauma Care. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1586-1587.	0.2	3
68	Noncompliance with American College of Surgeons Committee on Trauma recommended criteria for full trauma team activation is associated with undertriage deaths. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 287-294.	1.1	51
69	Outcomes of Acute Kidney Injury in Patients With Severe ARDS Due to Influenza A(H1N1) pdm09 Virus. <i>American Journal of Critical Care</i> , 2018, 27, 67-73.	0.8	15
70	Acute Kidney Injury and Sepsis. <i>Surgical Infections</i> , 2018, 19, 216-224.	0.7	53
71	Variability in management of blunt liver trauma and contribution of level of American College of Surgeons Committee on Trauma verification status on mortality. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 273-279.	1.1	21
72	House staffâ€”led interdisciplinary morbidity and mortality conference promotes systematic improvement. <i>Journal of Surgical Research</i> , 2017, 214, 124-130.	0.8	23

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73	A comparison of a homemade central line simulator to commercial models. Journal of Surgical Research, 2017, 214, 203-208.	0.8	10
74	Standardized, Interdepartmental, Simulation-Based Central Line Insertion Course Closes an Educational Gap and Improves Intern Comfort with the Procedure. American Surgeon, 2017, 83, 536-540.	0.4	8
75	Standardized, Interdepartmental, Simulation-Based Central Line Insertion Course Closes an Educational Gap and Improves Intern Comfort with the Procedure. American Surgeon, 2017, 83, 536-540.	0.4	4
76	Abstract B71: Multiplexed kinase inhibitor beads identify multiple pathways of resistance to PI3K inhibition facilitating the rational selection of novel combination therapies in pancreatic cancer. , 2015, , .		0
77	Circulating Tumor Cells as a Biomarker of Response to Treatment in Patient-Derived Xenograft Mouse Models of Pancreatic Adenocarcinoma. PLoS ONE, 2014, 9, e89474.	1.1	52
78	KRAS and PIK3CA Mutation Frequencies in Patient-derived Xenograft Models of Pancreatic and Colorectal Cancer Are Reflective of Patient Tumors and Stable Across Passages. American Surgeon, 2014, 80, 873-877.	0.4	27
79	UV activation of polymeric high aspect ratio microstructures: ramifications in antibody surface loading for circulating tumor cell selection. Lab on A Chip, 2014, 14, 106-117.	3.1	69
80	Intrinsic subtypes of high-grade bladder cancer reflect the hallmarks of breast cancer biology. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3110-3115.	3.3	736
81	KRAS and PIK3CA mutation frequencies in patient-derived xenograft models of pancreatic and colorectal cancer are reflective of patient tumors and stable across passages. American Surgeon, 2014, 80, 873-7.	0.4	12
82	Circulating tumor cells as a biomarker of response to treatment in patient derived xenograft mouse models of pancreatic adenocarcinoma. Journal of the American College of Surgeons, 2013, 217, S30.	0.2	1
83	The PI3K inhibitor BKM120 inhibits growth of pancreatic ductal adenocarcinoma in vitro and in vivo. Journal of the American College of Surgeons, 2013, 217, S137-S138.	0.2	0
84	The effect of residual on the stochastic gating of -regulated channel models. Journal of Theoretical Biology, 2005, 235, 121-150.	0.8	37