

# Christopher J Tignanelli

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

2,909  
citations

279798  
23  
h-index

197818  
49  
g-index

93  
all docs

93  
docs citations

93  
times ranked

5119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic subtypes of high-grade bladder cancer reflect the hallmarks of breast cancer biology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3110-3115.	7.1	736
2	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.	4.6	160
3	Immunomodulation in COVID-19. <i>Lancet Respiratory Medicine</i> , 2020, 8, 544-546.	10.7	146
4	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.	1.6	137
5	Understanding the renin-angiotensin-aldosterone-SARS-CoV axis: a comprehensive review. <i>European Respiratory Journal</i> , 2020, 56, 2000912.	6.7	123
6	The Fragility Index in Randomized Clinical Trials as a Means of Optimizing Patient Care. <i>JAMA Surgery</i> , 2019, 154, 74.	4.3	119
7	Antihypertensive drugs and risk of COVID-19?. <i>Lancet Respiratory Medicine</i> , 2020, 8, e30-e31.	10.7	74
8	UV activation of polymeric high aspect ratio microstructures: ramifications in antibody surface loading for circulating tumor cell selection. <i>Lab on A Chip</i> , 2014, 14, 106-117.	6.0	69
9	mTOR inhibition in COVID-19: A commentary and review of efficacy in RNA viruses. <i>Journal of Medical Virology</i> , 2021, 93, 1843-1846.	5.0	63
10	Racial and Ethnic Disparities in Hospital Admissions from COVID-19: Determining the Impact of Neighborhood Deprivation and Primary Language. <i>Journal of General Internal Medicine</i> , 2021, 36, 3462-3470.	2.6	58
11	A multi-center phase II randomized clinical trial of losartan on symptomatic outpatients with COVID-19. <i>EClinicalMedicine</i> , 2021, 37, 100957.	7.1	56
12	Acute Kidney Injury and Sepsis. <i>Surgical Infections</i> , 2018, 19, 216-224.	1.4	53
13	Circulating Tumor Cells as a Biomarker of Response to Treatment in Patient-Derived Xenograft Mouse Models of Pancreatic Adenocarcinoma. <i>PLoS ONE</i> , 2014, 9, e89474.	2.5	52
14	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.	2.1	51
15	Characterizing COVID-19 clinical phenotypes and associated comorbidities and complication profiles. <i>PLoS ONE</i> , 2021, 16, e0248956.	2.5	47
16	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.	5.9	42
17	Efficacy of Losartan in Hospitalized Patients With COVID-19-Induced Lung Injury. <i>JAMA Network Open</i> , 2022, 5, e222735.	5.9	42
18	Outpatient metformin use is associated with reduced severity of COVID-19 disease in adults with overweight or obesity. <i>Journal of Medical Virology</i> , 2021, 93, 4273-4279.	5.0	41

#	ARTICLE	IF	CITATIONS
19	The effect of residual on the stochastic gating of -regulated channel models. Journal of Theoretical Biology, 2005, 235, 121-150.	1.7	37
20	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. Journal of Trauma and Acute Care Surgery, 2019, 86, 952-960.	2.1	33
21	Nationwide cohort study of independent risk factors for acute respiratory distress syndrome after trauma. Trauma Surgery and Acute Care Open, 2019, 4, e000249.	1.6	31
22	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.	3.6	30
23	KRAS <i>and</i> PIK3CA <i>Mutation Frequencies in Patient-derived Xenograft Models of Pancreatic and Colorectal Cancer Are Reflective of Patient Tumors and Stable Across Passages</i> . American Surgeon, 2014, 80, 873-877.	0.8	27
24	American College of Surgeons Committee on Trauma verification level affects trauma center management of pelvic ring injuries and patient mortality. Journal of Trauma and Acute Care Surgery, 2019, 86, 1-10.	2.1	27
25	House staff-led interdisciplinary morbidity and mortality conference promotes systematic improvement. Journal of Surgical Research, 2017, 214, 124-130.	1.6	23
26	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.	2.1	23
27	Predictors of elderly mortality after trauma: A novel outcome score. Journal of Trauma and Acute Care Surgery, 2020, 88, 416-424.	2.1	22
28	Variability in management of blunt liver trauma and contribution of level of American College of Surgeons Committee on Trauma verification status on mortality. Journal of Trauma and Acute Care Surgery, 2018, 84, 273-279.	2.1	21
29	Outpatient and inpatient anticoagulation therapy and the risk for hospital admission and death among COVID-19 patients. EClinicalMedicine, 2021, 41, 101139.	7.1	19
30	Surgical repair of perforated peptic ulcers: laparoscopic versus open approach. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 281-292.	2.4	18
31	Fact Versus Science Fiction: Fighting Coronavirus Disease 2019 Requires the Wisdom to Know the Difference. , 2020, 2, e0108.		18
32	Vaccination Against SARS-CoV-2 Is Associated With a Lower Viral Load and Likelihood of Systemic Symptoms. Open Forum Infectious Diseases, 2022, 9, ofac066.	0.9	17
33	Early Imaging Associated With Improved Survival in Older Patients With Mild Traumatic Brain Injuries. Journal of Surgical Research, 2019, 242, 4-10.	1.6	16
34	Outcomes of Acute Kidney Injury in Patients With Severe ARDS Due to Influenza A(H1N1) pdm09 Virus. American Journal of Critical Care, 2018, 27, 67-73.	1.6	15
35	Clinical Decision Support Intervention for Rib Fracture Treatment. Journal of the American College of Surgeons, 2020, 231, 249-256e2.	0.5	15
36	Natural language processing of prehospital emergency medical services trauma records allows for automated characterization of treatment appropriateness. Journal of Trauma and Acute Care Surgery, 2020, 88, 607-614.	2.1	14

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37	National Trends and Variation of Functional Status Deterioration in the Medically Critically Ill*. Critical Care Medicine, 2020, 48, 1556-1564.	0.9	14
38	Performance of a Chest Radiograph AI Diagnostic Tool for COVID-19: A Prospective Observational Study. Radiology: Artificial Intelligence, 2022, 4, .	5.8	14
39	Are Predictive Energy Expenditure Equations in Ventilated Surgery Patients Accurate?. Journal of Intensive Care Medicine, 2019, 34, 426-431.	2.8	13
40	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.	0.8	12
41	Epidemiological trends of surgical admissions to the intensive care unit in the United States. Journal of Trauma and Acute Care Surgery, 2020, 89, 279-288.	2.1	11
42	Transforming a Long-Term Acute Care Hospital into a COVID-19â€œDesignated Hospital. Surgical Infections, 2020, 21, 729-731.	1.4	11
43	A comparison of a homemade central line simulator to commercial models. Journal of Surgical Research, 2017, 214, 203-208.	1.6	10
44	Redefining the Trauma Triage Matrix: The Role of Emergent Interventions. Journal of Surgical Research, 2020, 251, 195-201.	1.6	10
45	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.	1.2	10
46	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. PLoS ONE, 2022, 17, e0262193.	2.5	10
47	Barriers to and Facilitators for Acceptance of Comprehensive Clinical Decision Support Systemâ€œDriven Care Maps for Patients With Thoracic Trauma: Interview Study Among Health Care Providers and Nurses. JMIR Human Factors, 2022, 9, e29019.	2.0	9
48	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.	0.8	8
49	Clinical Decision Support Intervention and Time to Imaging in Older Patients with Traumatic Brain Injury. Journal of the American College of Surgeons, 2020, 231, 361-367e2.	0.5	8
50	Shining a light on the evidence for hydroxychloroquine in SARS-CoV-2. Critical Care, 2020, 24, 182.	5.8	8
51	Morbidity and Mortality Trends of Pancreatitis: An Observational Study. Surgical Infections, 2021, 22, 1021-1030.	1.4	8
52	Comparison of Outcomes and Process of Care for Patients Treated at Hospitals Dedicated for COVID-19 Care vs Other Hospitals. JAMA Network Open, 2022, 5, e220873.	5.9	8
53	Optimal Methods to Secure Extracorporeal Membrane Oxygenation Bicaval Dual-Lumen Cannulae: What Works?. ASAIO Journal, 2019, 65, 628-630.	1.6	7
54	The Fragility Indexâ€œ<i>P</i> Values Reimagined, Flaws and Allâ€œReply. JAMA Surgery, 2019, 154, 674.	4.3	7

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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.	0.8	7
56	Pre- and Peri-Operative Factors Associated with Chronic Critical Illness in Liver Transplant Recipients. <i>Surgical Infections</i> , 2020, 21, 246-254.	1.4	6
57	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.	0.7	6
58	Evaluation of an Intrahospital Telemedicine Program for Patients Admitted With COVID-19: Mixed Methods Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e25987.	4.3	6
59	Bowel Ischemia Score Predicts Early Operation in Patients With Adhesive Small Bowel Obstruction. <i>American Surgeon</i> , 2022, 88, 205-211.	0.8	5
60	Discordant Cardiopulmonary Resuscitation and Code Status at Death. <i>Journal of Pain and Symptom Management</i> , 2021, 61, 770-780.e1.	1.2	5
61	Responding to COVID-19 Through Interhospital Resource Coordination: A Mixed-Methods Evaluation. <i>Journal of Patient Safety</i> , 2022, 18, 287-294.	1.7	5
62	Recent Trends in Admission Diagnosis and Related Mortality in the Medically Critically Ill. <i>Journal of Intensive Care Medicine</i> , 2020, , 088506662098290.	2.8	5
63	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.	0.9	5
64	A fast, resource efficient, and reliable rule-based system for COVID-19 symptom identification. <i>JAMIA Open</i> , 2021, 4, ooab070.	2.0	4
65	Need for Emergent Intervention within 6â€”Hours: A Novel Prediction Model for Hospital Trauma Triage. <i>Prehospital Emergency Care</i> , 2022, 26, 556-565.	1.8	4
66	Extending Trauma Quality Improvement Beyond Trauma Centers. <i>Annals of Surgery</i> , 2021, Publish Ahead of Print, 406-413.	4.2	4
67	Improved Prediction of Older Adult Discharge After Trauma Using a Novel Machine Learning Paradigm. <i>Journal of Surgical Research</i> , 2022, 270, 39-48.	1.6	4
68	Standardized, Interdepartmental, Simulation-Based Central Line Insertion Course Closes an Educational Gap and Improves Intern Comfort with the Procedure. <i>American Surgeon</i> , 2017, 83, 536-540.	0.8	4
69	Utilization of Intensive Care Unit Nutrition Consultation Is Associated With Reduced Mortality. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020, 44, 213-219.	2.6	3
70	Overcoming gaps: regional collaborative to optimize capacity management and predict length of stay of patients admitted with COVID-19. <i>JAMIA Open</i> , 2021, 4, ooab055.	2.0	3
71	Named Entity Recognition in Prehospital Trauma Care. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1586-1587.	0.3	3
72	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.	0.8	2

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73	We Should Do More to Offer Evidence-Based Treatment for an Important Modifiable Risk Factor for COVID-19: Obesity. Journal of Primary Care and Community Health, 2021, 12, 215013272199628.	2.1	2
74	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.	1.6	2
75	Predictors of Change in Code Status from Time of Admission to Death in Critically Ill Surgical Patients. American Surgeon, 2020, 86, 237-244.	0.8	2
76	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.	0.5	1
77	The Effect of Organ System Surgery on Intensive Care Unit Mortality in a Cohort of Critically Ill Surgical Patients. American Surgeon, 2021, 87, 1230-1237.	0.8	1
78	Racial Disparities at Mixed-Race and Minority Hospitals. American Surgeon, 2021, 87, 287-295.	0.8	1
79	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
80	Predicting outcomes after traumatic brain injury: A novel hospital prediction model for a patient reported outcome. American Journal of Surgery, 2022, 224, 1150-1155.	1.8	1
81	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.	0.5	0
82	Intraoperative Transdiaphragmatic Echocardiography. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 3176-3181.	1.3	0
83	Back Cover Image, Volume 93, Number 7, July 2021. Journal of Medical Virology, 2021, 93, ii.	5.0	0
84	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