

Thomas L Higgins

List of Publications by Year in descending order

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121
papers

4,012
citations

159358

30
h-index

118652

62
g-index

128
all docs

128
docs citations

128
times ranked

3314
citing authors

#	ARTICLE	IF	CITATIONS
1	Stratification of Morbidity and Mortality Outcome by Preoperative Risk Factors in Coronary Artery Bypass Patients. <i>JAMA - Journal of the American Medical Association</i> , 1992, 267, 2344.	3.8	641
2	Assessing contemporary intensive care unit outcome: An updated Mortality Probability Admission Model (MPMO-III)*. <i>Critical Care Medicine</i> , 2007, 35, 827-835.	0.4	355
3	ICU Admission Score for Predicting Morbidity and Mortality Risk After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 1997, 64, 1050-1058.	0.7	268
4	Early indicators of prolonged intensive care unit stay: Impact of illness severity, physician staffing, and pre-intensive care unit length of stay. <i>Critical Care Medicine</i> , 2003, 31, 45-51.	0.4	243
5	Intensive care unit readmissions in U.S. hospitals. <i>Critical Care Medicine</i> , 2012, 40, 3-10.	0.4	152
6	Myocardial protection during cardiac operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1992, 104, 608-618.	0.4	133
7	Association Between Initial Route of Fluoroquinolone Administration and Outcomes in Patients Hospitalized for Community-acquired Pneumonia. <i>Clinical Infectious Diseases</i> , 2016, 63, 1-9.	2.9	128
8	The Association Between ICU Readmission Rate and Patient Outcomes*. <i>Critical Care Medicine</i> , 2013, 41, 24-33.	0.4	126
9	Pro: Early endotracheal extubation is preferable to late extubation in patients following coronary artery surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1992, 6, 488-493.	0.6	120
10	Patient Characteristics and ICU Organizational Factors That Influence Frequency of Pulmonary Artery Catheterization. <i>JAMA - Journal of the American Medical Association</i> , 2000, 283, 2559.	3.8	106
11	Quantifying Risk and Benchmarking Performance in the Adult Intensive Care Unit. <i>Journal of Intensive Care Medicine</i> , 2007, 22, 141-156.	1.3	95
12	Propofol versus midazolam for intensive care unit sedation after coronary artery bypass grafting. <i>Critical Care Medicine</i> , 1994, 22, 1415-1423.	0.4	86
13	Increased Risk and Decreased Morbidity of Coronary Artery Bypass Grafting Between 1986 and 1994. <i>Annals of Thoracic Surgery</i> , 1998, 65, 383-389.	0.7	85
14	A revised method to assess intensive care unit clinical performance and resource utilization*. <i>Critical Care Medicine</i> , 2007, 35, 1853-1862.	0.4	72
15	Quantifying risk and assessing outcome in cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1998, 12, 330-340.	0.6	67
16	Comparative Effectiveness of Noninvasive and Invasive Ventilation in Critically Ill Patients With Acute Exacerbation of Chronic Obstructive Pulmonary Disease*. <i>Critical Care Medicine</i> , 2015, 43, 1386-1394.	0.4	62
17	Prospective validation of the intensive care unit admission Mortality Probability Model (MPMO-III)*. <i>Critical Care Medicine</i> , 2009, 37, 1619-1623.	0.4	52
18	Development and validation of a model that uses enhanced administrative data to predict mortality in patients with sepsis. <i>Critical Care Medicine</i> , 2011, 39, 2425-2430.	0.4	52

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19	New-Generation Pulse Oximetry in the Care of Critically Ill Patients. <i>American Journal of Critical Care</i> , 2005, 14, 26-37.	0.8	50
20	Risk Factor Model to Predict a Missed Clinic Appointment in an Urban, Academic, and Underserved Setting. <i>Population Health Management</i> , 2015, 18, 131-136.	0.8	49
21	Hemodynamic Consequences of Heart-Lung Interactions. <i>Journal of Intensive Care Medicine</i> , 2003, 18, 92-99.	1.3	45
22	Epidemiology and Outcomes of Clostridium difficile -Associated Disease Among Patients on Prolonged Acute Mechanical Ventilation. <i>Chest</i> , 2009, 136, 752-758.	0.4	45
23	Using Highly Detailed Administrative Data to Predict Pneumonia Mortality. <i>PLoS ONE</i> , 2014, 9, e87382.	1.1	44
24	The risk of coronary artery surgery in women: A matched comparison using preoperative severity of illness scoring. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1996, 10, 839-843.	0.6	42
25	Association Between Alcohol Use Disorders and Outcomes of Patients Hospitalized With Community-Acquired Pneumonia. <i>JAMA Network Open</i> , 2019, 2, e195172.	2.8	39
26	Comparing Observed and Predicted Mortality Among ICUs Using Different Prognostic Systems. <i>Critical Care Medicine</i> , 2015, 43, 261-269.	0.4	38
27	Do Elderly Patients Fare Well in the ICU?. <i>Chest</i> , 2011, 139, 825-831.	0.4	37
28	Sepsis and Scientific Revolutions. <i>Critical Care Medicine</i> , 2013, 41, 2770-2772.	0.4	37
29	Comparison of the Mortality Probability Admission Model III, National Quality Forum, and Acute Physiology and Chronic Health Evaluation IV Hospital Mortality Models. <i>Critical Care Medicine</i> , 2014, 42, 544-553.	0.4	35
30	Association of guideline-based antimicrobial therapy and outcomes in healthcare-associated pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1573-1579.	1.3	32
31	Timing Is Everything. <i>Chest</i> , 2004, 126, 4-6.	0.4	31
32	Subgroup mortality probability models: Are they necessary for specialized intensive care units?*. <i>Critical Care Medicine</i> , 2009, 37, 2375-2386.	0.4	31
33	Immediate postoperative care of cardiac surgical patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1996, 10, 643-658.	0.6	30
34	Drotrecogin Alfa (Activated) in Sepsis: Initial Experience With Patient Selection, Cost, and Clinical Outcomes. <i>Journal of Intensive Care Medicine</i> , 2005, 20, 291-297.	1.3	26
35	Prolonged Acute Mechanical Ventilation. <i>Chest</i> , 2009, 135, 1157-1162.	0.4	26
36	An Introduction to Statistical Methods Used in Binary Outcome Modeling. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2008, 12, 153-166.	0.4	25

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37	Reversal of Hypotension by Continuous Naloxone Infusion in a Ventilator-Dependent Patient. <i>Annals of Internal Medicine</i> , 1983, 98, 47.	2.0	23
38	Total electrical power failure in a cardiothoracic intensive care unit. <i>Critical Care Medicine</i> , 1992, 20, 840-845.	0.4	23
39	Importance of intravenous fluid dose and composition in surgical ICU patients. <i>Current Opinion in Critical Care</i> , 2012, 18, 350-357.	1.6	23
40	Coronavirus Disease 2019 ICU Patients Have Higher-Than-Expected Acute Physiology and Chronic Health Evaluation—Adjusted Mortality and Length of Stay Than Viral Pneumonia ICU Patients. <i>Critical Care Medicine</i> , 2021, 49, e701-e706.	0.4	23
41	Unilateral Auto-PEEP in the Recipient of a Single Lung Transplant. <i>Chest</i> , 1993, 103, 297-299.	0.4	22
42	Defining a High-Performance ICU System for the 21st Century: A Position Paper. <i>Journal of Intensive Care Medicine</i> , 1998, 13, 195-205.	1.3	22
43	Assessment of the Accuracy of Using ICD-9 Diagnosis Codes to Identify Pneumonia Etiology in Patients Hospitalized With Pneumonia. <i>JAMA Network Open</i> , 2020, 3, e207750.	2.8	22
44	Deficiency of Serum Ionized Magnesium in Patients Receiving Hemodialysis or Peritoneal Dialysis. <i>ASAIO Journal</i> , 1993, 39, M801-M804.	0.9	21
45	Outcome prediction in critical care: the Mortality Probability Models. <i>Current Opinion in Critical Care</i> , 2008, 14, 498-505.	1.6	19
46	The impact of hospital-onset <i>Clostridium difficile</i> infection on outcomes of hospitalized patients with sepsis. <i>Journal of Hospital Medicine</i> , 2014, 9, 411-417.	0.7	19
47	Using patient admission characteristics alone to predict mortality of critically ill patients: A comparison of 3 prognostic scores. <i>Journal of Critical Care</i> , 2016, 31, 21-25.	1.0	19
48	Decreasing Emergency Department Walkout Rate and Boarding Hours by Improving Inpatient Length of Stay. <i>Western Journal of Emergency Medicine</i> , 2017, 18, 982-992.	0.6	18
49	De-escalation of Empiric Antibiotics Following Negative Cultures in Hospitalized Patients With Pneumonia: Rates and Outcomes. <i>Clinical Infectious Diseases</i> , 2021, 72, 1314-1322.	2.9	17
50	UPDATED MORTALITY PROBABILITY MODEL (MPM -III). <i>Chest</i> , 2005, 128, 348S.	0.4	15
51	The dangers of extreme body mass index values in patients with <i>Clostridium difficile</i> . <i>Infection</i> , 2017, 45, 787-793.	2.3	15
52	A severity score for preoperative risk factors as related to morbidity and mortality in patients with coronary artery disease undergoing myocardial revascularization surgery. <i>Current Opinion in Cardiology</i> , 1992, 7, 950-958.	0.8	14
53	<i>Listeria monocytogenes</i> Endocarditis on a Prosthetic Heart Valve. <i>Southern Medical Journal</i> , 1983, 76, 675-676.	0.3	13
54	Conscious sedation: what an internist needs to know. <i>Cleveland Clinic Journal of Medicine</i> , 1996, 63, 355-361.	0.6	13

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55	What if your hospital informatics department could provide a severity adjuster?. Critical Care Medicine, 2000, 28, 3570-3571.	0.4	11
56	Treatment Trends and Outcomes in Healthcare-Associated Pneumonia. Journal of Hospital Medicine, 2017, 12, 886-891.	0.7	11
57	Pharmacotherapy of circulatory shock. Disease-a-Month, 1987, 33, 313-361.	0.4	10
58	An exploratory study using data envelopment analysis to assess neurotrauma patients in the intensive care unit. Health Care Management Science, 2003, 6, 43-55.	1.5	10
59	Promoting high value inpatient care via a coaching model of structured, interdisciplinary team rounds. British Journal of Hospital Medicine (London, England: 2005), 2015, 76, 41-45.	0.2	9
60	Medication Safety Improves after Implementation of Positive Patient Identification. Applied Clinical Informatics, 2010, 01, 213-220.	0.8	8
61	Can this patient be safely discharged from the ICU?. Intensive Care Medicine, 2016, 42, 580-582.	3.9	8
62	Influenza Testing and Treatment Among Patients Hospitalized With Community-Acquired Pneumonia. Chest, 2022, 162, 543-555.	0.4	8
63	Predicting prolonged intensive care unit length-of-stay following coronary artery bypass surgery. Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine, 1999, 10, 175-182.	0.1	7
64	Maintaining situational awareness in a cardiac intensive care unit. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1105-1106.	0.4	7
65	Pressure Injuries at Intensive Care Unit Admission as a Prognostic Indicator of Patient Outcomes. Critical Care Nurse, 2019, 39, 44-50.	0.5	7
66	A State-Level Assessment of Hospital-Based Palliative Care and the Use of Life-Sustaining Therapies in the United States. Journal of Palliative Medicine, 2016, 19, 421-427.	0.6	6
67	Cardiac surgery â€œreport cardâ€ modeling. Current Opinion in Critical Care, 1997, 3, 169-174.	1.6	5
68	Lactic acidosis and fulminant hepatic failure in a patient treated with didanosine, nelfinavir and stavudine. Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine, 1999, 10, 61-64.	0.1	4
69	An analysis of homeless patients in the United States requiring ICU admission. Journal of Critical Care, 2019, 49, 118-123.	1.0	4
70	Cost-effectiveness and Laboratory Turnaround Time using Expanded Point-of-Care Testing in the ICU. Critical Care Medicine, 1999, 27, 115A.	0.4	4
71	Î±-Adrenergic agonist drugs, left ventricular function, and emergence from cardiopulmonary bypass. Journal of Cardiothoracic and Vascular Anesthesia, 1990, 4, 681-686.	0.2	3
72	A tale of lutes and ouds: Time to play together in the same key?. Critical Care Medicine, 2010, 38, 971-972.	0.4	3

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73	Addressing challenges in bar-code scanning of large-volume infusion bags. American Journal of Health-System Pharmacy, 2011, 68, 1450-1453.	0.5	3
74	Benchmarking Inpatient Mortality Using Electronic Medical Record Data: A Retrospective, Multicenter Analytical Observational Study*. Critical Care Medicine, 2022, 50, 543-553.	0.4	3
75	Superior vena cava syndrome after open heart surgery. Cleveland Clinic Journal of Medicine, 1992, 59, 93-95.	0.6	3
76	MORTALITY PROBABILITY MODELS (MPMO-III) FOR SPECIALIZED PATIENT POPULATIONS. Chest, 2005, 128, 349S.	0.4	2
77	The Anesthesiologist and Pulmonary Arterial Hypertension. Seminars in Cardiothoracic and Vascular Anesthesia, 2007, 11, 93-95.	0.4	2
78	Placing bets with a full house*. Critical Care Medicine, 2008, 36, 1008-1009.	0.4	2
79	Bar-Code Technology to Reduce Medication Errors. New England Journal of Medicine, 2010, 363, 698-698.	13.9	2
80	Variability in Risk-Adjusted Sepsis Mortality. Critical Care Medicine, 2015, 43, 1530-1531.	0.4	2
81	Severity-of-Illness Indices and Outcome Prediction. , 2011, , 1604-1614.		2
82	Not All Databases Are Created Equal*. Critical Care Medicine, 2020, 48, 1891-1893.	0.4	2
83	What Conclusions Should Be Drawn between Critical Care Physician Management and Patient Mortality in the Intensive Care Unit?. Annals of Internal Medicine, 2008, 149, 767.	2.0	2
84	Weighing the Risk Factors in Coronary Artery Bypass Surgery-Reply. JAMA - Journal of the American Medical Association, 1992, 268, 1857.	3.8	1
85	CHANGES IN PREOPERATIVE SEVERITY AND ICU MORBIDITY WITH CORONARY ARTERY BYPASS. Critical Care Medicine, 1995, 23, A54.	0.4	1
86	RECOMBINANT ACTIVATED PROTEIN C IN SEPSIS: A SINGLE CENTER'S EXPERIENCE. Critical Care Medicine, 2002, 30, A103.	0.4	1
87	Right atrial thrombus leading to altered mental status. Journal of Cardiothoracic and Vascular Anesthesia, 2003, 17, 509-511.	0.6	1
88	ACUTE HEMODYNAMIC CHANGES DURING DROTRECOGIN ALFA (ACTIVATED) (DTAA) INFUSION IN SEPTIC SHOCK.. Critical Care Medicine, 2005, 33, A9.	0.4	1
89	Who's on first?*. Critical Care Medicine, 2007, 35, 2650-2651.	0.4	1
90	Translational highway: It helps to have a map*. Critical Care Medicine, 2007, 35, 1416-1417.	0.4	1

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91	The Use of Scan Statistics and Control Charts in Assessing Ventilator-Associated Pneumonia Quality Control Programs. <i>Journal of Healthcare Engineering</i> , 2010, 1, 579-593.	1.1	1
92	Incorporating initial treatments improves the performance of a mortality prediction model based on administrative data. <i>Critical Care Medicine</i> , 2012, 40, 2268-2269.	0.4	1
93	Severe Sepsis Outcomes. <i>Critical Care Medicine</i> , 2014, 42, 2126-2127.	0.4	1
94	ACCURATE COST ACCOUNTING OF HIGH COST ICU OUTLIERS. <i>Critical Care Medicine</i> , 1999, 27, 153A.	0.4	1
95	Daily versus admission mortality estimates: Is admission severity yesterday's news?. <i>Critical Care Medicine</i> , 2001, 29, 208-210.	0.4	1
96	The changing profile of anesthetic practice: an update for internists. <i>Cleveland Clinic Journal of Medicine</i> , 1993, 60, 219-232.	0.6	1
97	Postoperative Respiratory Care. , 2011, , 1046-1060.		1
98	How quickly do clinicians adopt EMR notes?. <i>Physician Executive</i> , 2012, 38, 52-8.	0.1	1
99	Labetalol: Time, experience, and adrenergic blockade. <i>Journal of Clinical Anesthesia</i> , 1989, 1, 161-163.	0.7	0
100	THE HIGH RISK PATIENT. <i>Shock</i> , 1996, 5, 312.	1.0	0
101	Assessing ICU quality of care in 1997: a North American perspective. <i>Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine</i> , 1997, 8, 76-80.	0.1	0
102	Risk assessment and the cost of survival. <i>Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine</i> , 1999, 10, 41-46.	0.1	0
103	Cardiothoracic and Vascular Anesthesia. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2002, 6, 165-167.	0.4	0
104	Current Issues Affecting Critical Care Practice. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2002, 6, 279-284.	0.4	0
105	ACTIVATED PROTEIN C THERAPY IN PATIENTS WITH ARDS/ALI AND SEVERE SEPSIS. <i>Critical Care Medicine</i> , 2002, 30, A102.	0.4	0
106	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2005, 79, 1908.	0.7	0
107	Metrics That Matter: Can Transparency Fix the Health Care System?. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2008, 12, 137-139.	0.4	0
108	The author replies:. <i>Critical Care Medicine</i> , 2010, 38, 1920-1921.	0.4	0

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109	Resuscitation Status May Predict Mortality in Patients Admitted to the ICU. Chest, 2013, 143, 875.	0.4	0
110	Principles and Practice of Mechanical Ventilation 3rd Ed.. Anesthesia and Analgesia, 2013, 117, 1264.	1.1	0
111	The nuances of age as an outcome predictor. Revista Clinica Espanola, 2014, 214, 85-86.	0.2	0
112	Adaptive Leadership: Reacting to Mission-Critical Milestones. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 439-440.	0.6	0
113	Epidemiology of Healthcare-Associated Pneumonia (HCAP) as Assessed by Blood Cultures Versus Respiratory Cultures. Open Forum Infectious Diseases, 2016, 3, .	0.4	0
114	Community-Acquired Pneumonia (CAP) Therapy Is Insufficient for Most Patients With Culture-Positive Healthcare-Associated Pneumonia (HCAP). Open Forum Infectious Diseases, 2016, 3, .	0.4	0
115	De-escalation of Broad Spectrum Antibiotics Following Negative Cultures in Pneumonia: Rates and Outcomes. Open Forum Infectious Diseases, 2017, 4, S496-S496.	0.4	0
116	Postoperative Respiratory Care. , 2018, , 742-757.		0
117	Letter to the Editor. Critical Care Medicine, 2021, Publish Ahead of Print, e1272-e1273.	0.4	0
118	CHANGES IN MEDICATION USE AFTER COMPUTERIZED PHYSICIAN ORDER ENTRY IMPLEMENTATION. Chest, 2006, 130, 218S.	0.4	0
119	DATA ENVELOPMENT ANALYSIS: EFFECT OF ICP MANAGMENT ON OUTCOME IN NEUROTRAUMA PATIENTS. Critical Care Medicine, 1999, 27, A154.	0.4	0
120	TRACE METAL ELIMINATION DURING CONTINUOUS SEDATION WITH PROPOFOL CONTAINING EDTA IN CRITICALLY ILL PATIENTS. Critical Care Medicine, 1999, 27, A131.	0.4	0
121	INFLUENCE OF INSURANCE STATUS ON PULMONARY ARTERY CATHETER USE. Critical Care Medicine, 1999, 27, A50.	0.4	0