David T Huang

List of Publications by Year
in descending order

102	10,608	76196 40	35952 97
papers	citations	h-index	g-index

106	106	106	11710
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Randomized Trial of Protocol-Based Care for Early Septic Shock. New England Journal of Medicine, 2014, 370, 1683-1693.	13.9	2,021
2	Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. New England Journal of Medicine, 2021, 385, 790-802.	13.9	778
3	Derivation, Validation, and Potential Treatment Implications of Novel Clinical Phenotypes for Sepsis. JAMA - Journal of the American Medical Association, 2019, 321, 2003.	3.8	753
4	Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. New England Journal of Medicine, 2021, 385, 777-789.	13.9	712
5	Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 1317.	3.8	671
6	Early Neuromuscular Blockade in the Acute Respiratory Distress Syndrome. New England Journal of Medicine, 2019, 380, 1997-2008.	13.9	576
7	Early, Goal-Directed Therapy for Septic Shock â€" A Patient-Level Meta-Analysis. New England Journal of Medicine, 2017, 376, 2223-2234.	13.9	416
8	A systematic review and meta-analysis of early goal-directed therapy for septic shock: the ARISE, ProCESS and ProMISe Investigators. Intensive Care Medicine, 2015, 41, 1549-1560.	3.9	321
9	Procalcitonin-Guided Use of Antibiotics for Lower Respiratory Tract Infection. New England Journal of Medicine, 2018, 379, 236-249.	13.9	304
10	Early Goal-Directed Therapy in Severe Sepsis and Septic Shock Revisited. Chest, 2006, 130, 1579-1595.	0.4	291
11	Severe Sepsis and Septic Shock: Review of the Literature and Emergency Department Management Guidelines. Annals of Emergency Medicine, 2006, 48, 54.e1.	0.3	254
12	Intensive care unit safety culture and outcomes: a US multicenter study. International Journal for Quality in Health Care, 2010, 22, 151-161.	0.9	221
13	Perceptions of safety culture vary across the intensive care units of a single institution*. Critical Care Medicine, 2007, 35, 165-176.	0.4	214
14	Risk Prediction With Procalcitonin and Clinical Rules in Community-Acquired Pneumonia. Annals of Emergency Medicine, 2008, 52, 48-58.e2.	0.3	196
15	The Effects of Alternative Resuscitation Strategies on Acute Kidney Injury in Patients with Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 281-287.	2.5	184
16	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Organ Injury in Septic Shock. JAMA - Journal of the American Medical Association, 2020, 324, 642.	3.8	169
17	Effect of Convalescent Plasma on Organ Supportâ€"Free Days in Critically Ill Patients With COVID-19. JAMA - Journal of the American Medical Association, 2021, 326, 1690.	3.8	169
18	Midregional Proadrenomedullin as a Prognostic Tool in Community-Acquired Pneumonia. Chest, 2009, 136, 823-831.	0.4	123

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19	Ascorbic acid, corticosteroids, and thiamine in sepsis: a review of the biologic rationale and the present state of clinical evaluation. Critical Care, 2018, 22, 283.	2.5	118
20	Procalcitonin. Critical Care Clinics, 2020, 36, 23-40.	1.0	104
21	Effect of P2Y12 Inhibitors on Survival Free of Organ Support Among Nonâ€“Critically Ill Hospitalized Patients With COVID-19. JAMA - Journal of the American Medical Association, 2022, 327, 227.	3.8	89
22	The influence of pre-existing diabetes mellitus on the host immune response and outcome of pneumonia: analysis of two multicentre cohort studies. Thorax, 2010, 65, 870-877.	2.7	88
23	Effect of Antiplatelet Therapy on Survival and Organ Supportâ€“Free Days in Critically Ill Patients With COVID-19. JAMA - Journal of the American Medical Association, 2022, 327, 1247.	3.8	83
24	Guidelines for the Management of Adult Acute and Acute-on-Chronic Liver Failure in the ICU: Cardiovascular, Endocrine, Hematologic, Pulmonary, and Renal Considerations. Critical Care Medicine, 2020, 48, e173-e191.	0.4	76
25	Endothelial Permeability and Hemostasis inÂSeptic Shock. Chest, 2017, 152, 22-31.	0.4	73
26	Implementation of early goal-directed therapy for severe sepsis and septic shock: A decision analysis. Critical Care Medicine, 2007, 35, 2090-2100.	0.4	70
27	Variation in Emergency Medical Services Workplace Safety Culture. Prehospital Emergency Care, 2010, 14, 448-460.	1.0	69
28	Variability in management of early severe sepsis. Emergency Medicine Journal, 2010, 27, 110-115.	0.4	66
29	Extracorporeal liver support in patients with liver failure: a systematic review and meta-analysis of randomized trials. Intensive Care Medicine, 2020, 46, 1-16.	3.9	63
30	Impact of Bamlanivimab Monoclonal Antibody Treatment on Hospitalization and Mortality Among Nonhospitalized Adults With Severe Acute Respiratory Syndrome Coronavirus 2 Infection. Open Forum Infectious Diseases, 2021, 8, ofab254.	0.4	59
31	Critical care medicine training and certification for emergency physicians*. Critical Care Medicine, 2005, 33, 2104-2109.	0.4	58
32	The Emergency Medical Services Safety Attitudes Questionnaire. American Journal of Medical Quality, 2010, 25, 109-115.	0.2	58
33	Design and Rationale of the Reevaluation of Systemic Early Neuromuscular Blockade Trial for Acute Respiratory Distress Syndrome. Annals of the American Thoracic Society, 2017, 14, 124-133.	1.5	54
34	Microcirculatory perfusion disturbances in septic shock: results from the ProCESS trial. Critical Care, 2018, 22, 308.	2.5	54
35	Monocyte distribution width enhances early sepsis detection in the emergency department beyond SIRS and qSOFA. Journal of Intensive Care, 2020, 8, 33.	1.3	49
36	Critical care and emergency medicine. Current Opinion in Critical Care, 2002, 8, 600-606.	1.6	47

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37	Expert Consensus Guidelines for Stocking of Antidotes in Hospitals That Provide Emergency Care. Annals of Emergency Medicine, 2018, 71, 314-325.e1.	0.3	47
38	Recognizing and managing sepsis: what needs to be done?. BMC Medicine, 2015, 13, 98.	2.3	46
39	Hypoxia and Hypothermia Enhance Spatial Heterogeneities of Repolarization in Guinea Pig Hearts:.. Journal of Cardiovascular Electrophysiology, 1998, 9, 164-183.	0.8	43
40	Bench-to-bedside review: The evaluation of complex interventions in critical care. Critical Care, 2008, 12, 210.	2.5	42
41	Relationship Between Alternative Resuscitation Strategies, Host Response and Injury Biomarkers, and Outcome in Septic Shock: Analysis of the Protocol-Based Care for Early Septic Shock Study. Critical Care Medicine, 2017, 45, 438-445.	0.4	41
42	Serial Measurement of Cell-Cycle Arrest Biomarkers [TIMP-2]â€‰Â·â€‰[IGFBP7] and Risk for Progression to Death, Dialysis, or Severe Acute Kidney Injury in Patients with Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1262-1270.	2.5	40
43	Harmonizing international trials of early goal-directed resuscitation for severe sepsis and septic shock: methodology of ProCESS, ARISE, and ProMISe. Intensive Care Medicine, 2013, 39, 1760-1775.	3.9	39
44	Improving clinical trial design in acute lung injury. Critical Care Medicine, 2003, 31, S305-S311.	0.4	38
45	Early Goal-Directed Therapy. Critical Care Medicine, 2004, 32, 314-315.	0.4	37
46	Sepsis-Associated Acute Kidney Disease. Kidney International Reports, 2020, 5, 839-850.	0.4	37
47	Effectiveness of Casirivimab-Imdevimab and Sotrovimab During a SARS-CoV-2 Delta Variant Surge. JAMA Network Open, 2022, 5, e2220957.	2.8	37
48	Critical Care Medicine Training and Certification for Emergency Physicians. Annals of Emergency Medicine, 2005, 46, 217-223.	0.3	33
49	Critical care management of patients with end-stage liver disease. Critical Care Medicine, 2011, 39, 1157-1166.	0.4	27
50	Current Practice, Demographics, and Trends of Critical Care Trained Emergency Physicians in the United States. Academic Emergency Medicine, 2010, 17, 325-329.	0.8	26
51	Association of Subcutaneous or Intravenous Administration of Casirivimab and Imdevimab Monoclonal Antibodies With Clinical Outcomes in Adults With COVID-19. JAMA Network Open, 2022, 5, e226920.	2.8	24
52	Clinical review: impact of emergency department care on intensive care unit costs. Critical Care, 2004, 8, 498.	2.5	22
53	The Basics and the Advancements in Diagnosis of Bacterial Lower Respiratory Tract Infections. Diagnostics, 2019, 9, 37.	1.3	21
54	Guidelines for the Management of Adult Acute and Acute-on-Chronic Liver Failure in the ICU: Cardiovascular, Endocrine, Hematologic, Pulmonary and Renal Considerations: Executive Summary. Critical Care Medicine, 2020, 48, 415-419.	0.4	21

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55	Prospective Assessment of the Feasibility of a Trial of Low Tidal Volume Ventilation for Patients with Acute Respiratory Failure. Annals of the American Thoracic Society, 2019, 16, 356-362.	1.5	20
56	The UPMC OPTIMISE-C19 (OPtimizing Treatment and Impact of Monoclonal antIbodieS through) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 comparative effectiveness platform trial with response-adaptive randomization. Trials, 2021, 22, 363.	0.7	20
57	Advantages of Widefield Optical Coherence Tomography in the Diagnosis of Retinopathy of Prematurity. Frontiers in Pediatrics, 2021, 9, 797684.	0.9	18
58	The International Community-Acquired Pneumonia (CAP) Collaboration Cohort (ICCC) study: rationale, design and description of study cohorts and patients. BMJ Open, 2012, 2, e001030.	0.8	13
59	Ï‰-3 fatty acids, Î³-linolenic acid, and antioxidants: immunomodulators or inert dietary supplements?. Critical Care, 2012, 16, 325.	2.5	13
60	Ascorbic Acid, Corticosteroids and Thiamine in Sepsis (ACTS) protocol and statistical analysis plan: a prospective, multicentre, double-blind, randomised, placebo-controlled clinical trial. BMJ Open, 2019, 9, e034406.	0.8	13
61	Ventilator-Associated Pneumonia. Surgical Clinics of North America, 2006, 86, 1409-1429.	0.5	12
62	PICCing the best access for your patient. Critical Care, 2006, 10, 315.	2.5	12
63	Clarification of cyanide's effect on oxygen transport characteristics in a canine model. Emergency Medicine Journal, 2007, 24, 152-156.	0.4	12
64	CORTICUS: The end of unconditional love for steroid use?. Critical Care, 2009, 13, 309.	2.5	12
65	Utility of Biomarkers for Sepsis-Associated Acute Kidney Injury Staging. JAMA Network Open, 2022, 5, e2212709.	2.8	12
66	Launching a comparative effectiveness adaptive platform trial of monoclonal antibodies for COVID-19 in 21Âdays. Contemporary Clinical Trials, 2022, 113, 106652.	0.8	11
67	Sepsis with liver dysfunction and coagulopathy predicts an inflammatory pattern of macrophage activation. Intensive Care Medicine Experimental, 2022, 10, 6.	0.9	11
68	Designing clinical trials in acute lung injury/acute respiratory distress syndrome. Current Opinion in Critical Care, 2006, 12, 32-36.	1.6	10
69	A dream deferred: the rise and fall of recombinant activated protein C. Critical Care, 2013, 17, 309.	2.5	10
70	Design and rationale of the Procalcitonin Antibiotic Consensus Trial (ProACT), a multicenter randomized trial of procalcitonin antibiotic guidance in lower respiratory tract infection. BMC Emergency Medicine, 2017, 17, 25.	0.7	10
71	The comparative effectiveness of COVID-19 monoclonal antibodies: A learning health system randomized clinical trial. Contemporary Clinical Trials, 2022, 119, 106822.	0.8	10
72	Duration and Magnitude of Hypotension and Monocyte Deactivation in Patients With Community-Acquired Pneumonia. Shock, 2011, 36, 553-559.	1.0	9

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73	Is there a role for music in the ICU?. Critical Care, 2015, 19, 17.	2.5	8
74	Management of Complications of End-Stage Liver Disease in the Intensive Care Unit. Journal of Intensive Care Medicine, 2016, 31, 94-103.	1.3	8
75	Epinephrine, vasopressin and steroids for in-hospital cardiac arrest: the right cocktail therapy?. Critical Care, 2014, 18, 308.	2.5	7
76	A learning health system approach to the <scp>COVID</scp>â€19 pandemic: <scp>Systemâ€wide</scp> changes in clinical practice and <scp>30â€day</scp> mortality among hospitalized patients. Learning Health Systems, 2022, 6, .	1.1	7
77	Bench-to-bedside review: human subjects research--are more standards needed?. Critical Care, 2006, 10, 244.	2.5	6
78	Feasibility of Embedding a Scalable, Virtually Enabled Biorepository in the Electronic Health Record for Precision Medicine. JAMA Network Open, 2021, 4, e2037739.	2.8	6
79	Decision Rules and Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 1169-1170.	2.5	5
80	Multidisciplinary acute care research organization (MACRO). Journal of Trauma and Acute Care Surgery, 2013, 75, 106-109.	1.1	5
81	Longer-Term Outcomes of the ProACT Trial. New England Journal of Medicine, 2020, 382, 485-486.	13.9	5
82	High-frequency oscillation in early adult respiratory distress syndrome. Critical Care, 2014, 18, 310.	2.5	4
83	Biomarkers in the ICU: less is more? Yes. Intensive Care Medicine, 2021, 47, 94-96.	3.9	4
84	Rethinking bystander CPR for out-of-hospital cardiac arrest. Critical Care, 2008, 12, 302.	2.5	3
85	Rationale for and Design of the Study of Early Enteral Dextrose in Sepsis: A Pilot Placeboâ€Controlled Randomized Clinical Trial. Journal of Parenteral and Enteral Nutrition, 2020, 44, 541-547.	1.3	3
86	Emergency Medical Services Care and Sepsis Trajectories. Prehospital Emergency Care, 2020, 24, 733-740.	1.0	3
87	Protocolized Care for Early Septic Shock (ProCESS) statistical analysis plan. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2013, 15, 301-10.	0.0	3
88	Critical care training for emergency physicians. Annals of Emergency Medicine, 2003, 41, 886-887.	0.3	2
89	Accidental Bolus of Parenteral Nutrition. Journal of Parenteral and Enteral Nutrition, 2016, 40, 883-885.	1.3	2
90	Lung-Protective Ventilation in the EmergencyÂDepartment. Annals of Emergency Medicine, 2017, 70, 419-420.	0.3	2

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91	Is Cisatracurium the Neuromuscular Blocking Agent of Choice in Acute Respiratory Distress Syndrome?. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 849-850.	2.5	2
92	Role of Pharmacologic Paralysis in Acute Respiratory Distress Syndrome. Seminars in Respiratory and Critical Care Medicine, 2019, 40, 101-113.	0.8	2
93	Nutrition Trials in Critical Illness. Journal of Parenteral and Enteral Nutrition, 2010, 34, 608-609.	1.3	1
94	Is Normal Saline Solution an Acceptable Choice of Fluid for Stable Patients?. Annals of Emergency Medicine, 2019, 73, 170-171.	0.3	1
95	Outcomes of endâ€stage renal disease patients in the PROCESS trial. Journal of the American College of Emergency Physicians Open, 2021, 2, e12358.	0.4	1
96	Recall of clinical trial participation and attrition rates in survivors of acute respiratory distress syndrome. Journal of Critical Care, 2021, 64, 160-164.	1.0	1
97	Shock Index, Modified Shock Index and MELD as Predictors of Mortality for Critically Ill Patients With Liver Disease. Journal of Intensive Care Medicine, 2021, , 088506662110497.	1.3	1
98	Hepatorenal syndromes in patients with end-stage liver failure admitted to the intensive care unit. Critical Care Medicine, 2011, 39, 2387.	0.4	0
99	New strategies to manage complicated pleural effusions. Critical Care, 2012, 16, 312.	2.5	0
100	Antibiotic Stewardshipâ€"What Should I Do Tomorrow?. Annals of Emergency Medicine, 2013, 62, 78-79.	0.3	0
101	A Pilot Double-Blind Placebo-Controlled Randomized Clinical Trial to Investigate the Effects of Early Enteral Nutrients in Sepsis. , 2021, 3, e550.		0
102	Comparison of the prognostic performance of the CURB-65 and a modified version of the pneumonia severity index designed to identify high-risk patients using the International Community-Acquired Pneumonia Collaboration Cohort. Respiratory Medicine, 2022, , 106884.	1.3	0