

Nathan I Shapiro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8860317/publications.pdf>

Version: 2024-02-01

175
papers

15,899
citations

26567

56
h-index

17546

121
g-index

178
all docs

178
docs citations

178
times ranked

14174
citing authors

#	ARTICLE	IF	CITATIONS
1	A Randomized Trial of Protocol-Based Care for Early Septic Shock. <i>New England Journal of Medicine</i> , 2014, 370, 1683-1693.	13.9	2,021
2	Lactate Clearance vs Central Venous Oxygen Saturation as Goals of Early Sepsis Therapy_{title>>A Randomized Clinical Trial}. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 739.	3.8	867
3	Resuscitating the Microcirculation in Sepsis: The Central Role of Nitric Oxide, Emerging Concepts for Novel Therapies, and Challenges for Clinical Trials. <i>Academic Emergency Medicine</i> , 2008, 15, 399-413.	0.8	663
4	Serum Lactate as a Predictor of Mortality in Emergency Department Patients with Infection. <i>Annals of Emergency Medicine</i> , 2005, 45, 524-528.	0.3	637
5	Mortality in Emergency Department Sepsis (MEDS) score: A prospectively derived and validated clinical prediction rule*. <i>Critical Care Medicine</i> , 2003, 31, 670-675.	0.4	505
6	Association Between mRNA Vaccination and COVID-19 Hospitalization and Disease Severity. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 2043.	3.8	458
7	National estimates of severe sepsis in United States emergency departments. <i>Critical Care Medicine</i> , 2007, 35, 1928-1936.	0.4	436
8	Early increases in microcirculatory perfusion during protocol-directed resuscitation are associated with reduced multi-organ failure at 24Åh in patients with sepsis. <i>Intensive Care Medicine</i> , 2008, 34, 2210-2217.	3.9	414
9	Clinical severity of, and effectiveness of mRNA vaccines against, covid-19 from omicron, delta, and alpha SARS-CoV-2 variants in the United States: prospective observational study. <i>BMJ, The</i> , 2022, 376, e069761.	3.0	393
10	The glycocalyx: a novel diagnostic and therapeutic target in sepsis. <i>Critical Care</i> , 2019, 23, 16.	2.5	385
11	Implementation and outcomes of the Multiple Urgent Sepsis Therapies (MUST) protocol*. <i>Critical Care Medicine</i> , 2006, 34, 1025-1032.	0.4	378
12	MULTICENTER STUDY OF EARLY LACTATE CLEARANCE AS A DETERMINANT OF SURVIVAL IN PATIENTS WITH PRESUMED SEPSIS. <i>Shock</i> , 2009, 32, 35-39.	1.0	322
13	Occult hypoperfusion and mortality in patients with suspected infection. <i>Intensive Care Medicine</i> , 2007, 33, 1892-1899.	3.9	315
14	Second consensus on the assessment of sublingual microcirculation in critically ill patients: results from a task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2018, 44, 281-299.	3.9	305
15	The association of endothelial cell signaling, severity of illness, and organ dysfunction in sepsis. <i>Critical Care</i> , 2010, 14, R182.	2.5	212
16	A prospective, multicenter derivation of a biomarker panel to assess risk of organ dysfunction, shock, and death in emergency department patients with suspected sepsis. <i>Critical Care Medicine</i> , 2009, 37, 96-104.	0.4	208
17	Creating an automated trigger for sepsis clinical decision support at emergency department triage using machine learning. <i>PLoS ONE</i> , 2017, 12, e0174708.	1.1	208
18	Who Needs a Blood Culture? A Prospectively Derived and Validated Prediction Rule. <i>Journal of Emergency Medicine</i> , 2008, 35, 255-264.	0.3	197

#	ARTICLE	IF	CITATIONS
19	Early High-Dose Vitamin D ³ for Critically Ill, Vitamin D-Deficient Patients. <i>New England Journal of Medicine</i> , 2019, 381, 2529-2540.	13.9	194
20	The Association of Sepsis Syndrome and Organ Dysfunction With Mortality in Emergency Department Patients With Suspected Infection. <i>Annals of Emergency Medicine</i> , 2006, 48, 583-590.e1.	0.3	189
21	Serial Procalcitonin Predicts Mortality in Severe Sepsis Patients: Results From the Multicenter Procalcitonin Monitoring Sepsis (MOSES) Study. <i>Critical Care Medicine</i> , 2017, 45, 781-789.	0.4	187
22	Shock Index and Early Recognition of Sepsis in the Emergency Department: Pilot Study. <i>Western Journal of Emergency Medicine</i> , 2013, 14, 168-174.	0.6	186
23	Lactate clearance as a predictor of mortality in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 999-1004.	1.1	160
24	Association Between Early Hyperoxia Exposure After Resuscitation From Cardiac Arrest and Neurological Disability. <i>Circulation</i> , 2018, 137, 2114-2124.	1.6	157
25	Proof of principle: The predisposition, infection, response, organ failure sepsis staging system*. <i>Critical Care Medicine</i> , 2011, 39, 322-327.	0.4	155
26	Angiotensin-2 may contribute to multiple organ dysfunction and death in sepsis*. <i>Critical Care Medicine</i> , 2012, 40, 3034-3041.	0.4	150
27	The microcirculation image quality score: Development and preliminary evaluation of a proposed approach to grading quality of image acquisition for bedside videomicroscopy. <i>Journal of Critical Care</i> , 2013, 28, 913-917.	1.0	150
28	Effectiveness of Severe Acute Respiratory Syndrome Coronavirus 2 Messenger RNA Vaccines for Preventing Coronavirus Disease 2019 Hospitalizations in the United States. <i>Clinical Infectious Diseases</i> , 2022, 74, 1515-1524.	2.9	144
29	Simple triage scoring system predicting death and the need for critical care resources for use during epidemics. <i>Critical Care Medicine</i> , 2007, 35, 1251-1256.	0.4	138
30	Mortality in Emergency Department Sepsis (MEDS) score predicts 1-year mortality*. <i>Critical Care Medicine</i> , 2007, 35, 192-198.	0.4	127
31	The costs and cost-effectiveness of an integrated sepsis treatment protocol. <i>Critical Care Medicine</i> , 2008, 36, 1168-1174.	0.4	127
32	Whole Blood Lactate Kinetics in Patients Undergoing Quantitative Resuscitation for Severe Sepsis and Septic Shock. <i>Chest</i> , 2013, 143, 1548-1553.	0.4	125
33	Soluble adhesion molecules as markers for sepsis and the potential pathophysiological discrepancy in neonates, children and adults. <i>Critical Care</i> , 2014, 18, 204.	2.5	125
34	International Study on Microcirculatory Shock Occurrence in Acutely Ill Patients*. <i>Critical Care Medicine</i> , 2015, 43, 48-56.	0.4	122
35	Intravenous fluid resuscitation is associated with septic endothelial glycocalyx degradation. <i>Critical Care</i> , 2019, 23, 259.	2.5	121
36	Biomarkers of Endothelial Cell Activation in Early Sepsis. <i>Shock</i> , 2013, 39, 427-432.	1.0	120

#	ARTICLE	IF	CITATIONS
37	The association of near-infrared spectroscopy-derived tissue oxygenation measurements with sepsis syndromes, organ dysfunction and mortality in emergency department patients with sepsis. <i>Critical Care</i> , 2011, 15, R223.	2.5	118
38	Liberal Versus Restrictive Intravenous Fluid Therapy for Early Septic Shock: Rationale for a Randomized Trial. <i>Annals of Emergency Medicine</i> , 2018, 72, 457-466.	0.3	115
39	Chronic Medical Conditions and Risk of Sepsis. <i>PLoS ONE</i> , 2012, 7, e48307.	1.1	114
40	Charlson Index Is Associated with One-year Mortality in Emergency Department Patients with Suspected Infection. <i>Academic Emergency Medicine</i> , 2006, 13, 530-536.	0.8	113
41	The Diagnostic Accuracy of Plasma Neutrophil Gelatinase-Associated Lipocalin in the Prediction of Acute Kidney Injury in Emergency Department Patients With Suspected Sepsis. <i>Annals of Emergency Medicine</i> , 2010, 56, 52-59.e1.	0.3	113
42	Outcomes of patients undergoing early sepsis resuscitation for cryptic shock compared with overt shock. <i>Resuscitation</i> , 2011, 82, 1289-1293.	1.3	112
43	Application of the Third International Consensus Definitions for Sepsis (Sepsis-3) Classification: a retrospective population-based cohort study. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 661-670.	4.6	100
44	A guide to human in vivo microcirculatory flow image analysis. <i>Critical Care</i> , 2015, 20, 35.	2.5	99
45	Long-term Host Immune Response Trajectories Among Hospitalized Patients With Sepsis. <i>JAMA Network Open</i> , 2019, 2, e198686.	2.8	96
46	A PROSPECTIVE, OBSERVATIONAL STUDY OF SOLUBLE FLT-1 AND VASCULAR ENDOTHELIAL GROWTH FACTOR IN SEPSIS. <i>Shock</i> , 2008, 29, 452-457.	1.0	92
47	Tie2 protects the vasculature against thrombus formation in systemic inflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 1471-1484.	3.9	89
48	Mitochondria Are Gate-keepers of T Cell Function by Producing the ATP That Drives Purinergic Signaling. <i>Journal of Biological Chemistry</i> , 2014, 289, 25936-25945.	1.6	86
49	Vitamin D Insufficiency and Sepsis Severity in Emergency Department Patients With Suspected Infection. <i>Academic Emergency Medicine</i> , 2011, 18, 551-554.	0.8	85
50	Opportunities for Emergency Medical Services care of sepsis. <i>Resuscitation</i> , 2010, 81, 193-197.	1.3	79
51	Endothelial Permeability and Hemostasis in Septic Shock. <i>Chest</i> , 2017, 152, 22-31.	0.4	73
52	An Emergency Department Validation of the SEP-3 Sepsis and Septic Shock Definitions and Comparison With 1992 Consensus Definitions. <i>Annals of Emergency Medicine</i> , 2017, 70, 544-552.e5.	0.3	73
53	Plasma Peptidylarginine Deiminase IV Promotes VWF-Platelet String Formation and Accelerates Thrombosis After Vessel Injury. <i>Circulation Research</i> , 2019, 125, 507-519.	2.0	72
54	Association Between Elevated Mean Arterial Blood Pressure and Neurologic Outcome After Resuscitation From Cardiac Arrest: Results From a Multicenter Prospective Cohort Study*. <i>Critical Care Medicine</i> , 2019, 47, 93-100.	0.4	71

#	ARTICLE	IF	CITATIONS
55	The Feasibility and Accuracy of Point-of-Care Lactate Measurement in Emergency Department Patients with Suspected Infection. <i>Journal of Emergency Medicine</i> , 2010, 39, 89-94.	0.3	64
56	Leptin Exacerbates Sepsis-Mediated Morbidity and Mortality. <i>Journal of Immunology</i> , 2010, 185, 517-524.	0.4	63
57	Point-of-care assessment of microvascular blood flow in critically ill patients. <i>Intensive Care Medicine</i> , 2009, 35, 1761-1766.	3.9	61
58	Diagnostic Characteristics of a Clinical Screening Tool in Combination With Measuring Bedside Lactate Level in Emergency Department Patients With Suspected Sepsis. <i>Academic Emergency Medicine</i> , 2014, 21, 853-857.	0.8	60
59	Endothelial Cell Activation in Emergency Department Patients with Sepsis-Related and Non-Sepsis-Related Hypotension. <i>Shock</i> , 2011, 36, 104-108.	1.0	55
60	Identifying Infected Emergency Department Patients Admitted to the Hospital Ward at Risk of Clinical Deterioration and Intensive Care Unit Transfer. <i>Academic Emergency Medicine</i> , 2010, 17, 1080-1085.	0.8	54
61	Microcirculatory perfusion disturbances in septic shock: results from the ProCESS trial. <i>Critical Care</i> , 2018, 22, 308.	2.5	54
62	Are Echocardiography, Telemetry, Ambulatory Electrocardiography Monitoring, and Cardiac Enzymes in Emergency Department Patients Presenting with Syncope Useful? A Preliminary Investigation. <i>Journal of Emergency Medicine</i> , 2014, 47, 113-118.	0.3	52
63	Risk of Intracranial Hemorrhage in Ground-Level Fall With Antiplatelet or Anticoagulant Agents. <i>Academic Emergency Medicine</i> , 2017, 24, 1258-1266.	0.8	51
64	Early Care of Adults With Suspected Sepsis in the Emergency Department and Out-of-Hospital Environment: A Consensus-Based Task Force Report. <i>Annals of Emergency Medicine</i> , 2021, 78, 1-19.	0.3	51
65	Partial pressure of arterial carbon dioxide after resuscitation from cardiac arrest and neurological outcome: A prospective multi-center protocol-directed cohort study. <i>Resuscitation</i> , 2019, 135, 212-220.	1.3	50
66	Diagnostic Accuracy of Febrile Dx: A Rapid Test to Detect Immune Responses to Viral and Bacterial Upper Respiratory Infections. <i>Journal of Clinical Medicine</i> , 2017, 6, 94.	1.0	47
67	Implementing Early Goal-directed Therapy in the Emergency Setting: The Challenges and Experiences of Translating Research Innovations into Clinical Reality in Academic and Community Settings. <i>Academic Emergency Medicine</i> , 2007, 14, 1072-1078.	0.8	46
68	Inflammatory and endothelial activation biomarkers and risk of sepsis: A nested case-control study. <i>Journal of Critical Care</i> , 2013, 28, 549-555.	1.0	46
69	Sepsis-3 Septic Shock Criteria and Associated Mortality Among Infected Hospitalized Patients Assessed by a Rapid Response Team. <i>Chest</i> , 2018, 154, 309-316.	0.4	42
70	Diabetes Is Not Associated With Increased Mortality in Emergency Department Patients With Sepsis. <i>Annals of Emergency Medicine</i> , 2011, 58, 438-444.	0.3	41
71	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. <i>Critical Care Medicine</i> , 2017, 45, 438-445.	0.4	41
72	A Blueprint for a Sepsis Protocol. <i>Academic Emergency Medicine</i> , 2005, 12, 352-359.	0.8	40

#	ARTICLE	IF	CITATIONS
73	Sublingual microcirculation is impaired in post-cardiac arrest patients. <i>Resuscitation</i> , 2013, 84, 1717-1722.	1.3	40
74	A prospective, multi-centre US clinical trial to determine accuracy of FebrIDx point-of-care testing for acute upper respiratory infections with and without a confirmed fever. <i>Annals of Medicine</i> , 2018, 50, 420-429.	1.5	40
75	Mitochondrial Dysfunction, Depleted Purinergic Signaling, and Defective T Cell Vigilance and Immune Defense. <i>Journal of Infectious Diseases</i> , 2016, 213, 456-464.	1.9	39
76	Quick Sequential Organ Failure Assessment and Systemic Inflammatory Response Syndrome Criteria as Predictors of Critical Care Intervention Among Patients With Suspected Infection*. <i>Critical Care Medicine</i> , 2017, 45, 1813-1819.	0.4	39
77	Isolated prehospital hypotension after traumatic injuries: a predictor of mortality?. <i>Journal of Emergency Medicine</i> , 2003, 25, 175-179.	0.3	38
78	Discordance between microcirculatory alterations and arterial pressure in patients with hemodynamic instability. <i>Journal of Critical Care</i> , 2012, 27, 531.e1-531.e7.	1.0	38
79	Multicenter Observational Study of the Development of Progressive Organ Dysfunction and Therapeutic Interventions in Normotensive Sepsis Patients in the Emergency Department. <i>Academic Emergency Medicine</i> , 2013, 20, 433-440.	0.8	37
80	Evaluation of end-tidal carbon dioxide role in predicting elevated SOFA scores and lactic acidosis. <i>Internal and Emergency Medicine</i> , 2009, 4, 41-44.	1.0	35
81	Effect of Levocarnitine vs Placebo as an Adjunctive Treatment for Septic Shock. <i>JAMA Network Open</i> , 2018, 1, e186076.	2.8	35
82	Tie2 activation protects against prothrombotic endothelial dysfunction in COVID-19. <i>JCI Insight</i> , 2021, 6, .	2.3	35
83	Serum Lactate Is a Better Predictor of Short-Term Mortality When Stratified by C-reactive Protein in Adult Emergency Department Patients Hospitalized for a Suspected Infection. <i>Annals of Emergency Medicine</i> , 2011, 57, 291-295.	0.3	33
84	The microcirculation as a diagnostic and therapeutic target in sepsis. <i>Internal and Emergency Medicine</i> , 2009, 4, 413-418.	1.0	32
85	Initial Management of Septic Patients with Hyperglycemia in the Noncritical Care Inpatient Setting. <i>American Journal of Medicine</i> , 2012, 125, 670-678.	0.6	32
86	The reliability and validity of passive leg raise and fluid bolus to assess fluid responsiveness in spontaneously breathing emergency department patients. <i>Journal of Critical Care</i> , 2015, 30, 217.e1-217.e5.	1.0	32
87	Evaluation of a combined MxA and CRP point-of-care immunoassay to identify viral and/or bacterial immune response in patients with acute febrile respiratory infection. <i>European Clinical Respiratory Journal</i> , 2015, 2, 28245.	0.7	31
88	Associations between persistent symptoms after mild COVID-19 and long-term health status, quality of life, and psychological distress. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 680-689.	1.5	30
89	Skin Biopsies Demonstrate Site-Specific Endothelial Activation in Mouse Models of Sepsis. <i>Journal of Vascular Research</i> , 2009, 46, 495-502.	0.6	29
90	N-Acetylcysteine Plus Intravenous Fluids Versus Intravenous Fluids Alone to Prevent Contrast-Induced Nephropathy in Emergency Computed Tomography. <i>Annals of Emergency Medicine</i> , 2013, 62, 511-520.e25.	0.3	29

#	ARTICLE	IF	CITATIONS
91	Hospital Variations in Severe Sepsis Mortality. American Journal of Medical Quality, 2015, 30, 328-336.	0.2	29
92	Mildly elevated lactate levels are associated with microcirculatory flow abnormalities and increased mortality: a microSOAP post hoc analysis. Critical Care, 2017, 21, 255.	2.5	29
93	Relationship Between B-type Natriuretic Peptide and Adverse Outcome in Patients With Clinical Evidence of Sepsis Presenting to the Emergency Department. Academic Emergency Medicine, 2011, 18, no-no.	0.8	28
94	Sepsis and the broken endothelium. Critical Care, 2011, 15, 135.	2.5	26
95	Discharge diagnoses versus medical record review in the identification of community-acquired sepsis. Critical Care, 2015, 19, 42.	2.5	26
96	Impact of transfusion of autologous 7â€ versus 42â€dayâ€old ASâ€ red blood cells on tissue oxygenation and the microcirculation in healthy volunteers. Transfusion, 2012, 52, 2459-2464.	0.8	25
97	mRNA Vaccine Effectiveness Against Coronavirus Disease 2019 Hospitalization Among Solid Organ Transplant Recipients. Journal of Infectious Diseases, 2022, 226, 797-807.	1.9	25
98	Review article: Sepsis in the emergency department â€ Part 1: Definitions and outcomes. EMA - Emergency Medicine Australasia, 2017, 29, 619-625.	0.5	24
99	Risk Factors for Death in Elderly Emergency Department Patients with Suspected Infection. Journal of the American Geriatrics Society, 2009, 57, 1184-1190.	1.3	23
100	Anion Gap as a Screening Tool for Elevated Lactate in Patients with an Increased Risk of Developing Sepsis in the Emergency Department. Journal of Emergency Medicine, 2009, 36, 391-394.	0.3	22
101	Adiponectin Diminishes Organ-Specific Microvascular Endothelial Cell Activation Associated With Sepsis. Shock, 2012, 37, 392-398.	1.0	22
102	The Microcirculation Is Preserved in Emergency Department Lowâ€acuity Sepsis Patients Without Hypotension. Academic Emergency Medicine, 2014, 21, 154-162.	0.8	22
103	Age-Related Differences in Biomarkers of Acute Inflammation During Hospitalization for Sepsis. Shock, 2014, 42, 99-107.	1.0	22
104	Serum Lactate Predicts Adverse Outcomes in Emergency Department Patients With and Without Infection. Western Journal of Emergency Medicine, 2017, 18, 258-266.	0.6	22
105	Validation of the Emergency Severity Index (Version 4) for the Triage of Adult Emergency Department Patients With Active Cancer. Journal of Emergency Medicine, 2019, 57, 354-361.	0.3	22
106	Lipopolysaccharide suppresses T cells by generating extracellular ATP that impairs their mitochondrial function via P2Y11 receptors. Journal of Biological Chemistry, 2019, 294, 6283-6293.	1.6	22
107	Derivation of Novel Risk Prediction Scores for Community-Acquired Sepsis and Severe Sepsis*. Critical Care Medicine, 2016, 44, 1285-1294.	0.4	21
108	Comparison of Emergency Medicine Malpractice Cases Involving Residents to Nonresident Cases. Academic Emergency Medicine, 2018, 25, 980-986.	0.8	21

#	ARTICLE	IF	CITATIONS
109	Preventing Hospitalization in Mild Acute Pancreatitis Using a Clinical Pathway in the Emergency Department. <i>Journal of Clinical Gastroenterology</i> , 2018, 52, 734-741.	1.1	21
110	Perioperative Quality Initiative (POQI) consensus statement on fundamental concepts in perioperative fluid management: fluid responsiveness and venous capacitance. <i>Perioperative Medicine (London, England)</i> , 2020, 10, 107-110.	0.0	0
111	Diabetes and Insulin Therapy are associated with Increased Risk of Hospitalization for Infection but not Mortality: A Longitudinal Cohort Study. <i>Clinical Infectious Diseases</i> , 2017, 64, ciw738.	2.9	19
112	Echocardiographic assessment of insulin-like growth factor binding protein-1 and early identification of acute heart failure. <i>ESC Heart Failure</i> , 2020, 7, 1664-1675.	1.4	19
113	Cancer pain management in the emergency department: a multicenter prospective observational trial of the Comprehensive Oncologic Emergencies Research Network (CONCERN). <i>Supportive Care in Cancer</i> , 2021, 29, 4543-4553.	1.0	19
114	Ligation of Glycophorin A Generates Reactive Oxygen Species Leading to Decreased Red Blood Cell Function. <i>PLoS ONE</i> , 2016, 11, e0141206.	1.1	19
115	Lactate Clearance in Septic Shock Is Not a Surrogate for Improved Microcirculatory Flow. <i>Academic Emergency Medicine</i> , 2016, 23, 690-693.	0.8	18
116	Development of a Deep Learning Network to Classify Inferior Vena Cava Collapse to Predict Fluid Responsiveness. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 1495-1504.	0.8	18
117	Influenza Vaccine Effectiveness for Prevention of Severe Influenza-Associated Illness Among Adults in the United States, 2019-2020: A Test-Negative Study. <i>Clinical Infectious Diseases</i> , 2021, 73, 1459-1468.	2.9	17
118	Developing a pulse oximetry home monitoring protocol for patients suspected with COVID-19 after emergency department discharge. <i>BMJ Health and Care Informatics</i> , 2021, 28, e100330.	1.4	17
119	In vivo quantification of rolling and adhered leukocytes in human sepsis. <i>Critical Care</i> , 2018, 22, 240.	2.5	16
120	Abnormal Coagulation Tests Obtained in the Emergency Department are Associated with Mortality in Patients with Suspected Infection. <i>Journal of Emergency Medicine</i> , 2012, 42, 127-132.	0.3	15
121	Patient-Reported Outcomes from A National, Prospective, Observational Study of Emergency Department Acute Pain Management With an Intranasal Nonsteroidal Anti-inflammatory Drug, Opioids, or Both. <i>Academic Emergency Medicine</i> , 2016, 23, 331-341.	0.8	15
122	The impact of red blood cell storage duration on tissue oxygenation in cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 610-619.e2.	0.4	15
123	Complement Deposition on the Surface of RBC After Trauma Serves a Biomarker of Moderate Trauma Severity: A Prospective Study. <i>Shock</i> , 2020, 53, 16-23.	1.0	15
124	Passive Immunity Trial for Our Nation (PassITON): study protocol for a randomized placebo-control clinical trial evaluating COVID-19 convalescent plasma in hospitalized adults. <i>Trials</i> , 2021, 22, 221.	0.7	14
125	Effectiveness of mRNA Vaccines Against COVID-19 Hospitalization by Age and Chronic Medical Conditions Burden Among Immunocompetent US Adults, March-August 2021. <i>Journal of Infectious Diseases</i> , 2022, 225, 1694-1700.	1.9	14
126	Detection of microRNAs in patients with sepsis. <i>Journal of Acute Disease</i> , 2015, 4, 101-106.	0.0	13

#	ARTICLE	IF	CITATIONS
127	Comparison of 1-Day Emergency Department Observation and Inpatient Ward for 1-Day Admissions in Syncope Patients. <i>Journal of Emergency Medicine</i> , 2016, 50, 217-222.	0.3	13
128	PCSK9 loss-of-function variants and risk of infection and sepsis in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) cohort. <i>PLoS ONE</i> , 2019, 14, e0210808.	1.1	13
129	Effectiveness of the Ad26.COV2.S (Johnson & Johnson) Coronavirus Disease 2019 (COVID-19) Vaccine for Preventing COVID-19 Hospitalizations and Progression to High Disease Severity in the United States. <i>Clinical Infectious Diseases</i> , 2022, 75, S159-S166.	2.9	13
130	Defining the diagnostic value of hyperlipasemia for acute pancreatitis in the critically ill. <i>Pancreatology</i> , 2017, 17, 176-181.	0.5	12
131	New Uses for Thromboelastography and Other Forms of Viscoelastic Monitoring in the Emergency Department: A Narrative Review. <i>Annals of Emergency Medicine</i> , 2021, 77, 357-366.	0.3	12
132	Derivation and Validation of Predictive Factors for Clinical Deterioration after Admission in Emergency Department Patients Presenting with Abnormal Vital Signs Without Shock. <i>Western Journal of Emergency Medicine</i> , 2015, 16, 1059-1066.	0.6	11
133	Interleukin-6 improves infection identification when added to physician judgment during evaluation of potentially septic patients. <i>American Journal of Emergency Medicine</i> , 2020, 38, 947-952.	0.7	11
134	Use of Biomarkers to Identify Acute Kidney Injury to Help Detect Sepsis in Patients With Infection. <i>Critical Care Medicine</i> , 2021, 49, e360-e368.	0.4	11
135	Multiplexed Plasma Immune Mediator Signatures Can Differentiate Sepsis From NonInfective SIRS. <i>Annals of Surgery</i> , 2020, 272, 604-610.	2.1	10
136	Surviving sepsis outside the intensive care unit*. <i>Critical Care Medicine</i> , 2007, 35, 1422-1423.	0.4	9
137	Chronic Statin Use and Long-Term Rates of Sepsis. <i>Journal of Intensive Care Medicine</i> , 2016, 31, 386-396.	1.3	9
138	Physician Judgment and Circulating Biomarkers Predict 28-Day Mortality in Emergency Department Patients*. <i>Critical Care Medicine</i> , 2019, 47, 1513-1521.	0.4	9
139	Protection of Messenger RNA Vaccines Against Hospitalized Coronavirus Disease 2019 in Adults Over the First Year Following Authorization in the United States. <i>Clinical Infectious Diseases</i> , 2023, 76, e460-e468.	2.9	9
140	Barriers to the use of outpatient enoxaparin therapy in patients with deep venous thrombosis. <i>American Journal of Emergency Medicine</i> , 2005, 23, 30-34.	0.7	8
141	Influenza vaccine acceptance and hesitancy among adults hospitalized with severe acute respiratory illnesses, United States 2019-2020. <i>Vaccine</i> , 2021, 39, 5271-5276.	1.7	8
142	Effect of Early High-Dose Vitamin D3 Repletion on Cognitive Outcomes in Critically Ill Adults. <i>Chest</i> , 2021, 160, 909-918.	0.4	8
143	Analysis of Outcomes Associated With Outpatient Management of Nonoperatively Treated Patients With Appendicitis. <i>JAMA Network Open</i> , 2022, 5, e2220039.	2.8	8
144	Observation vs admission in syncope: can we predict short length of stays?. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1684-1686.	0.7	7

#	ARTICLE	IF	CITATIONS
145	Helpful Only When Elevated: Initial Serum Lactate in Stable Emergency Department Patients with Sepsis Is Specific, but Not Sensitive for Future Deterioration. <i>Journal of Emergency Medicine</i> , 2018, 54, 766-773.	0.3	7
146	Identification of Hypotensive Emergency Department Patients with Cardiogenic Etiologies. <i>Shock</i> , 2018, 49, 131-136.	1.0	7
147	The Potential Role of Ultrasound in the Work-up of Appendicitis in the Emergency Department. <i>Journal of Emergency Medicine</i> , 2019, 56, 191-196.	0.3	7
148	Fluid-limiting treatment strategies among sepsis patients in the ICU: a retrospective causal analysis. <i>Critical Care</i> , 2020, 24, 62.	2.5	7
149	Incorporating Real-time Influenza Detection Into the Test-negative Design for Estimating Influenza Vaccine Effectiveness: The Real-time Test-negative Design (rtTND). <i>Clinical Infectious Diseases</i> , 2021, 72, 1669-1675.	2.9	7
150	Goal-Directed Resuscitation in Septic Shock. <i>Clinics in Chest Medicine</i> , 2016, 37, 231-239.	0.8	6
151	Number of organ dysfunctions predicts mortality in emergency department patients with suspected infection: a multicenter validation study. <i>European Journal of Emergency Medicine</i> , 2017, 24, 176-182.	0.5	6
152	The utility of emergency department physical therapy and case management consultation in reducing hospital admissions. <i>Journal of the American College of Emergency Physicians Open</i> , 2020, 1, 880-886.	0.4	6
153	A novel line detection method in space-time images for microvascular blood flow analysis in sublingual microcirculatory videos. , 2013, , .		5
154	Machine Learning Algorithms for Classification of Microcirculation Images from Septic and Non-septic Patients. , 2018, , .		5
155	A Novel Implementation of Magnetic Levitation to Quantify Leukocyte Size, Morphology, and Magnetic Properties to Identify Patients With Sepsis. <i>Shock</i> , 2019, 51, 147-152.	1.0	5
156	Modeling the Impacts of Clinical Influenza Testing on Influenza Vaccine Effectiveness Estimates. <i>Journal of Infectious Diseases</i> , 2021, 224, 2035-2042.	1.9	5
157	Validation of the REGARDS Severe Sepsis Risk Score. <i>Journal of Clinical Medicine</i> , 2018, 7, 536.	1.0	4
158	Observation Unit Use Among Patients with Cancer Following Emergency Department Visits: Results of a Multicenter Prospective Cohort from CONCERN. <i>Academic Emergency Medicine</i> , 2021, , .	0.8	4
159	No association between intravenous fluid volume and endothelial glycocalyx shedding in patients undergoing resuscitation for sepsis in the emergency department. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
160	Comparing Ran-Out Status of Inhaled Short-Acting Beta-Agonists in Emergency Department Patients with Acute Asthma: 1996-1998 versus 2015-2017. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1999-2005.e3.	2.0	3
161	The 10 signs telling me that my cancer patient in the emergency department is at high risk of becoming critically ill. <i>Intensive Care Medicine</i> , 2018, 44, 2315-2318.	3.9	3
162	The Utility of Inflammatory and Endothelial Markers to Identify Infection in Emergency Department Patients. <i>Shock</i> , 2016, 46, 108-109.	1.0	2

#	ARTICLE	IF	CITATIONS
163	Predicting Prolonged Intensive Care Unit Stay Among Patients With Sepsis-Induced Hypotension. American Journal of Critical Care, 2019, 28, e1-e7.	0.8	2
164	Charge Reductions Associated With Shorter Time to Recovery in Septic Shock. Chest, 2019, 155, 315-321.	0.4	2
165	Adults Hospitalized With Coronavirus Disease 2019 (COVID-19)â€”United States, Marchâ€”June and Octoberâ€”December 2020: Implications for the Potential Effects of COVID-19 Tier-1 Vaccination on Future Hospitalizations and Outcomes. Clinical Infectious Diseases, 2021, 73, S32-S37.	2.9	2
166	Sepsis Syndromes. , 2010, , 1848-1858.		1
167	Establishing a Comprehensive, Evidence-based Protocol for the Care of Patients with Sepsis - In Reply. Academic Emergency Medicine, 2005, 12, 914-914.	0.8	0
168	1358Evaluating the Accuracy of Combining two Biomarkers to Differentiate Viral and/or Bacterial Immune Response in Patients with Acute Febrile Respiratory Infection. Open Forum Infectious Diseases, 2014, 1, S355-S356.	0.4	0
169	Rhinovirus, Influenza A, and Influenza B, and Their Impact on Myxovirus Resistance Protein A, Procalcitonin, and C-Reactive Protein Biomarkers. Open Forum Infectious Diseases, 2016, 3, .	0.4	0
170	In reply:. Annals of Emergency Medicine, 2017, 70, 601.	0.3	0
171	2023. A Prospective, Multi-Center U.S. Clinical Trial to Determine Accuracy of Febrile Dx Point-of-Care Testing for Acute Upper Respiratory Infections with and Without a Confirmed Fever. Open Forum Infectious Diseases, 2018, 5, S589-S590.	0.4	0
172	Liberal or restricted fluid resuscitation in critical illness: Shifting the needle back towards equipoise. EMA - Emergency Medicine Australasia, 2018, 30, 446-447.	0.5	0
173	In Reply to Ivor Douglas Letter to the Editor 2021-1053. Annals of Emergency Medicine, 2021, 78, 573.	0.3	0
174	Examining pain among nonâ€”Hispanic Black and nonâ€”Hispanic White patients with cancer visiting emergency departments: CONCERN (Comprehensive Oncologic Emergencies Research Network). Academic Emergency Medicine, 2022, 29, 364-368.	0.8	0
175	Systemic ATP Levels Suppress the Function of CD4 + T Cells in Sepsis by Impairing Autocrine Purinergic Signaling. FASEB Journal, 2015, 29, 972.6.	0.2	0