Nathan I Shapiro

List of Publications by Year
in descending order

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175	15,899	26630 56	17592 121
papers	citations	h-index	g-index

178	178	178	14174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protection of Messenger RNA Vaccines Against Hospitalized Coronavirus Disease 2019 in Adults Over the First Year Following Authorization in the United States. Clinical Infectious Diseases, 2023, 76, e460-e468.	5.8	9
2	Effectiveness of Severe Acute Respiratory Syndrome Coronavirus 2 Messenger RNA Vaccines for Preventing Coronavirus Disease 2019 Hospitalizations in the United States. Clinical Infectious Diseases, 2022, 74, 1515-1524.	5.8	144
3	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.	1.8	0
4	Effectiveness of mRNA Vaccines Against COVID-19 Hospitalization by Age and Chronic Medical Conditions Burden Among Immunocompetent US Adults, March-August 2021. Journal of Infectious Diseases, 2022, 225, 1694-1700.	4.0	14
5	Associations between persistent symptoms after mild COVIDâ€19 and longâ€term health status, quality of life, and psychological distress. Influenza and Other Respiratory Viruses, 2022, 16, 680-689.	3.4	30
6	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. BMJ, The, 2022, 376, e069761.	6.0	393
7	mRNA Vaccine Effectiveness Against Coronavirus Disease 2019 Hospitalization Among Solid Organ Transplant Recipients. Journal of Infectious Diseases, 2022, 226, 797-807.	4.0	25
8	No association between intravenous fluid volume and endothelial glycocalyx shedding in patients undergoing resuscitation for sepsis in the emergency department. Scientific Reports, 2022, 12, .	3.3	4
9	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. Clinical Infectious Diseases, 2022, 75, S159-S166.	5.8	13
10	Analysis of Outcomes Associated With Outpatient Management of Nonoperatively Treated Patients With Appendicitis. JAMA Network Open, 2022, 5, e2220039.	5.9	8
11	Development of a Deep Learning Network to Classify Inferior Vena Cava Collapse to Predict Fluid Responsiveness. Journal of Ultrasound in Medicine, 2021, 40, 1495-1504.	1.7	18
12	Incorporating Real-time Influenza Detection Into the Test-negative Design for Estimating Influenza Vaccine Effectiveness: The Real-time Test-negative Design (rtTND). Clinical Infectious Diseases, 2021, 72, 1669-1675.	5.8	7
13	New Uses for Thromboelastography and Other Forms of Viscoelastic Monitoring in the Emergency Department: A Narrative Review. Annals of Emergency Medicine, 2021, 77, 357-366.	0.6	12
14	Use of Biomarkers to Identify Acute Kidney Injury to Help Detect Sepsis in Patients With Infection. Critical Care Medicine, 2021, 49, e360-e368.	0.9	11
15	Cancer pain management in the emergency department: a multicenter prospective observational trial of the Comprehensive Oncologic Emergencies Research Network (CONCERN). Supportive Care in Cancer, 2021, 29, 4543-4553.	2.2	19
16	Passive Immunity Trial for Our Nation (PassITON): study protocol for a randomized placebo-control clinical trial evaluating COVID-19 convalescent plasma in hospitalized adults. Trials, 2021, 22, 221.	1.6	14
17	Modeling the Impacts of Clinical Influenza Testing on Influenza Vaccine Effectiveness Estimates. Journal of Infectious Diseases, 2021, 224, 2035-2042.	4.0	5
18	Influenza Vaccine Effectiveness for Prevention of Severe Influenza-Associated Illness Among Adults in the United States, 2019â€“2020: A Test-Negative Study. Clinical Infectious Diseases, 2021, 73, 1459-1468.	5.8	17

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19	Developing a pulse oximetry home monitoring protocol for patients suspected with COVID-19 after emergency department discharge. BMJ Health and Care Informatics, 2021, 28, e100330.	3.0	17
20	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.	5.8	2
21	Early Care of Adults With Suspected Sepsis in theÂEmergency Department and Out-of-Hospital Environment: A Consensus-Based Task ForceÂReport. Annals of Emergency Medicine, 2021, 78, 1-19.	0.6	51
22	Influenza vaccine acceptance and hesitancy among adults hospitalized with severe acute respiratory illnesses, United States 2019â€"2020. Vaccine, 2021, 39, 5271-5276.	3.8	8
23	Effect of Early High-Dose Vitamin D3 Repletion on Cognitive Outcomes in Critically Ill Adults. Chest, 2021, 160, 909-918.	0.8	8
24	Tie2 activation protects against prothrombotic endothelial dysfunction in COVID-19. JCI Insight, 2021, 6, .	5.0	35
25	In Reply to Ivor Douglas Letter to the Editor 2021-1053. Annals of Emergency Medicine, 2021, 78, 573.	0.6	0
26	Association Between mRNA Vaccination and COVID-19 Hospitalization and Disease Severity. JAMA - Journal of the American Medical Association, 2021, 326, 2043.	7.4	458
27	Observation Unit Use Among Patients with Cancer Following Emergency Department Visits: Results of a Multicenter Prospective Cohort from CONCERN. Academic Emergency Medicine, 2021, , .	1.8	4
28	Interleukin-6 improves infection identification when added to physician judgment during evaluation of potentially septic patients. American Journal of Emergency Medicine, 2020, 38, 947-952.	1.6	11
29	Complement Deposition on the Surface of RBC After Trauma Serves a Biomarker of Moderate Trauma Severity: A Prospective Study. Shock, 2020, 53, 16-23.	2.1	15
30	Multiplexed Plasma Immune Mediator Signatures Can Differentiate Sepsis From NonInfective SIRS. Annals of Surgery, 2020, 272, 604-610.	4.2	10
31	The utility of emergency department physical therapy and case management consultation in reducing hospital admissions. Journal of the American College of Emergency Physicians Open, 2020, 1, 880-886.	0.7	6
32	Echocardiographic assessment of insulinâ€like growth factor binding proteinâ€7 and early identification of acute heart failure. ESC Heart Failure, 2020, 7, 1664-1675.	3.1	19
33	Fluid-limiting treatment strategies among sepsis patients in the ICU: a retrospective causal analysis. Critical Care, 2020, 24, 62.	5.8	7
34	Perioperative Quality Initiative (POQI) consensus statement on fundamental concepts in perioperative fluid management: fluid responsiveness and venous capacitance. Perioperative Medicine (London,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	26
35	Long-term Host Immune Response Trajectories Among Hospitalized Patients With Sepsis. JAMA Network Open, 2019, 2, e198686.	5.9	96
36	Intravenous fluid resuscitation is associated with septic endothelial glycocalyx degradation. Critical Care, 2019, 23, 259.	5.8	121

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37	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.	0.7	22
38	Plasma Peptidylarginine Deiminase IV Promotes VWF-Platelet String Formation and Accelerates Thrombosis After Vessel Injury. Circulation Research, 2019, 125, 507-519.	4.5	72
39	Predicting Prolonged Intensive Care Unit Stay Among Patients With Sepsis-Induced Hypotension. American Journal of Critical Care, 2019, 28, e1-e7.	1.6	2
40	The glycocalyx: a novel diagnostic and therapeutic target in sepsis. Critical Care, 2019, 23, 16.	5.8	385
41	Association Between Elevated Mean Arterial Blood Pressure and Neurologic Outcome After Resuscitation From Cardiac Arrest: Results From a Multicenter Prospective Cohort Study*. Critical Care Medicine, 2019, 47, 93-100.	0.9	71
42	Lipopolysaccharide suppresses T cells by generating extracellular ATP that impairs their mitochondrial function via P2Y11 receptors. Journal of Biological Chemistry, 2019, 294, 6283-6293.	3.4	22
43	PCSK9 loss-of-function variants and risk of infection and sepsis in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) cohort. PLoS ONE, 2019, 14, e0210808.	2.5	13
44	Physician Judgment and Circulating Biomarkers Predict 28-Day Mortality in Emergency Department Patients*. Critical Care Medicine, 2019, 47, 1513-1521.	0.9	9
45	Early High-Dose Vitamin D₃ for Critically Ill, Vitamin Dâ€“Deficient Patients. New England Journal of Medicine, 2019, 381, 2529-2540.	27.0	194
46	The Potential Role of Ultrasound in the Work-up of Appendicitis in the Emergency Department. Journal of Emergency Medicine, 2019, 56, 191-196.	0.7	7
47	Partial pressure of arterial carbon dioxide after resuscitation from cardiac arrest and neurological outcome: A prospective multi-center protocol-directed cohort study. Resuscitation, 2019, 135, 212-220.	3.0	50
48	Charge Reductions Associated With Shorter Time to Recovery in Septic Shock. Chest, 2019, 155, 315-321.	0.8	2
49	A Novel Implementation of Magnetic Levitation to Quantify Leukocyte Size, Morphology, and Magnetic Properties to Identify Patients With Sepsis. Shock, 2019, 51, 147-152.	2.1	5
50	Comparing Ran-Out Status of Inhaled Short-Acting Beta-Agonists in Emergency Department Patients with Acute Asthma: 1996-1998 versus 2015-2017. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1999-2005.e3.	3.8	3
51	Comparison of Emergency Medicine Malpractice Cases Involving Residents to Nonresident Cases. Academic Emergency Medicine, 2018, 25, 980-986.	1.8	21
52	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. Intensive Care Medicine, 2018, 44, 281-299.	8.2	305
53	Association Between Early Hyperoxia Exposure After Resuscitation From Cardiac Arrest and Neurological Disability. Circulation, 2018, 137, 2114-2124.	1.6	157
54	Helpful Only When Elevated: Initial Serum Lactate in Stable Emergency Department Patients with Sepsis Is Specific, but Not Sensitive for Future Deterioration. Journal of Emergency Medicine, 2018, 54, 766-773.	0.7	7

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55	Preventing Hospitalization in Mild Acute Pancreatitis Using a Clinical Pathway in the Emergency Department. Journal of Clinical Gastroenterology, 2018, 52, 734-741.	2.2	21
56	Identification of Hypotensive Emergency Department Patients with Cardiogenic Etiologies. Shock, 2018, 49, 131-136.	2.1	7
57	2023. A Prospective, Multi-Center U.S. Clinical Trial to Determine Accuracy of FebriDx Point-of-Care Testing for Acute Upper Respiratory Infections with and Without a Confirmed Fever. Open Forum Infectious Diseases, 2018, 5, S589-S590.	0.9	0
58	Machine Learning Algorithms for Classification of Microcirculation Images from Septic and Non-septic Patients. , 2018, , .		5
59	The 10 signs telling me that my cancer patient in the emergency department is at high risk of becoming critically ill. Intensive Care Medicine, 2018, 44, 2315-2318.	8.2	3
60	Microcirculatory perfusion disturbances in septic shock: results from the ProCESS trial. Critical Care, 2018, 22, 308.	5.8	54
61	Effect of Levocarnitine vs Placebo as an Adjunctive Treatment for Septic Shock. JAMA Network Open, 2018, 1, e186076.	5.9	35
62	Validation of the REGARDS Severe Sepsis Risk Score. Journal of Clinical Medicine, 2018, 7, 536.	2.4	4
63	In vivo quantification of rolling and adhered leukocytes in human sepsis. Critical Care, 2018, 22, 240.	5.8	16
64	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. Annals of Medicine, 2018, 50, 420-429.	3.8	40
65	Sepsis-3 Septic Shock Criteria and Associated Mortality Among Infected Hospitalized Patients Assessed by a Rapid Response Team. Chest, 2018, 154, 309-316.	0.8	42
66	Liberal Versus Restrictive Intravenous Fluid Therapy for Early Septic Shock: Rationale for aÂRandomized Trial. Annals of Emergency Medicine, 2018, 72, 457-466.	0.6	115
67	Liberal or restricted fluid resuscitation in critical illness: Shifting the needle back towards equipoise. EMA - Emergency Medicine Australasia, 2018, 30, 446-447.	1.1	0
68	Tie2 protects the vasculature against thrombus formation in systemic inflammation. Journal of Clinical Investigation, 2018, 128, 1471-1484.	8.2	89
69	Diabetes and Insulin Therapy are associated with Increased Risk of Hospitalization for Infection but not Mortality: A Longitudinal Cohort Study. Clinical Infectious Diseases, 2017, 64, ciw738.	5.8	19
70	Number of organ dysfunctions predicts mortality in emergency department patients with suspected infection: a multicenter validation study. European Journal of Emergency Medicine, 2017, 24, 176-182.	1.1	6
71	Endothelial Permeability and Hemostasis inÂSeptic Shock. Chest, 2017, 152, 22-31.	0.8	73
72	Defining the diagnostic value of hyperlipasemia for acute pancreatitis in the critically ill. Pancreatology, 2017, 17, 176-181.	1.1	12

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73	Application of the Third International Consensus Definitions for Sepsis (Sepsis-3) Classification: a retrospective population-based cohort study. Lancet Infectious Diseases, The, 2017, 17, 661-670.	9.1	100
74	An Emergency Department Validation of the SEP-3 Sepsis and Septic Shock Definitions and Comparison With 1992 Consensus Definitions. Annals of Emergency Medicine, 2017, 70, 544-552.e5.	0.6	73
75	Risk of Intracranial Hemorrhage in Groundâ€level Fall With Antiplatelet or Anticoagulant Agents. Academic Emergency Medicine, 2017, 24, 1258-1266.	1.8	51
76	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.	0.9	41
77	Serial Procalcitonin Predicts Mortality in Severe Sepsis Patients: Results From the Multicenter Procalcitonin MOnitoring SEpsis (MOSES) Study. Critical Care Medicine, 2017, 45, 781-789.	0.9	187
78	In reply:. Annals of Emergency Medicine, 2017, 70, 601.	0.6	0
79	Quick Sequential Organ Failure Assessment and Systemic Inflammatory Response Syndrome Criteria as Predictors of Critical Care Intervention Among Patients With Suspected Infection*. Critical Care Medicine, 2017, 45, 1813-1819.	0.9	39
80	Review article: Sepsis in the emergency department â€“ Part 1: Definitions and outcomes. EMA - Emergency Medicine Australasia, 2017, 29, 619-625.	1.1	24
81	The impact of red blood cell storage duration on tissue oxygenation in cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 610-619.e2.	0.8	15
82	Diagnostic Accuracy of FebriDx: A Rapid Test to Detect Immune Responses to Viral and Bacterial Upper Respiratory Infections. Journal of Clinical Medicine, 2017, 6, 94.	2.4	47
83	Serum Lactate Predicts Adverse Outcomes in Emergency Department Patients With and Without Infection. Western Journal of Emergency Medicine, 2017, 18, 258-266.	1.1	22
84	Mildly elevated lactate levels are associated with microcirculatory flow abnormalities and increased mortality: a microSOAP post hoc analysis. Critical Care, 2017, 21, 255.	5.8	29
85	Creating an automated trigger for sepsis clinical decision support at emergency department triage using machine learning. PLoS ONE, 2017, 12, e0174708.	2.5	208
86	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, .	0.9	0
87	The Utility of Inflammatory and Endothelial Markers to Identify Infection in Emergency Department Patients. Shock, 2016, 46, 108-109.	2.1	2
88	Derivation of Novel Risk Prediction Scores for Community-Acquired Sepsis and Severe Sepsis*. Critical Care Medicine, 2016, 44, 1285-1294.	0.9	21
89	Patientâ€reported Outcomes from A National, Prospective, Observational Study of Emergency Department Acute Pain Management With an Intranasal Nonsteroidal Antiâ€inflammatory Drug, Opioids, or Both. Academic Emergency Medicine, 2016, 23, 331-341.	1.8	15
90	Lactate Clearance in Septic Shock Is Not a Surrogate for Improved Microcirculatory Flow. Academic Emergency Medicine, 2016, 23, 690-693.	1.8	18

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91	Chronic Statin Use and Long-Term Rates of Sepsis. Journal of Intensive Care Medicine, 2016, 31, 386-396.	2.8	9
92	Comparison of 1-Day Emergency Department Observation and Inpatient Ward for 1-Day Admissions in Syncope Patients. Journal of Emergency Medicine, 2016, 50, 217-222.	0.7	13
93	Goal-Directed Resuscitation in Septic Shock. Clinics in Chest Medicine, 2016, 37, 231-239.	2.1	6
94	Mitochondrial Dysfunction, Depleted Purinergic Signaling, and Defective T Cell Vigilance and Immune Defense. Journal of Infectious Diseases, 2016, 213, 456-464.	4.0	39
95	Ligation of Glycophorin A Generates Reactive Oxygen Species Leading to Decreased Red Blood Cell Function. PLoS ONE, 2016, 11, e0141206.	2.5	19
96	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. European Clinical Respiratory Journal, 2015, 2, 28245.	1.5	31
97	Derivation and Validation of Predictive Factors for Clinical Deterioration after Admission in Emergency Department Patients Presenting with Abnormal Vital Signs Without Shock. Western Journal of Emergency Medicine, 2015, 16, 1059-1066.	1.1	11
98	International Study on Microcirculatory Shock Occurrence in Acutely Ill Patients*. Critical Care Medicine, 2015, 43, 48-56.	0.9	122
99	A guide to human in vivo microcirculatory flow image analysis. Critical Care, 2015, 20, 35.	5.8	99
100	Discharge diagnoses versus medical record review in the identification of community-acquired sepsis. Critical Care, 2015, 19, 42.	5.8	26
101	Detection of microRNAs in patients with sepsis. Journal of Acute Disease, 2015, 4, 101-106.	0.3	13
102	Observation vs admission in syncope: can we predict short length of stays?. American Journal of Emergency Medicine, 2015, 33, 1684-1686.	1.6	7
103	Hospital Variations in Severe Sepsis Mortality. American Journal of Medical Quality, 2015, 30, 328-336.	0.5	29
104	The reliability and validity of passive leg raise and fluid bolus to assess fluid responsiveness in spontaneously breathing emergency department patients. Journal of Critical Care, 2015, 30, 217.e1-217.e5.	2.2	32
105	Systemic ATP Levels Suppress the Function of CD4 + T Cells in Sepsis by Impairing Autocrine Purinergic Signaling. FASEB Journal, 2015, 29, 972.6.	0.5	0
106	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.	0.9	0
107	Diagnostic Characteristics of a Clinical Screening Tool in Combination With Measuring Bedside Lactate Level in Emergency Department Patients With Suspected Sepsis. Academic Emergency Medicine, 2014, 21, 853-857.	1.8	60
108	The Microcirculation Is Preserved in Emergency Department Lowâ€acuity Sepsis Patients Without Hypotension. Academic Emergency Medicine, 2014, 21, 154-162.	1.8	22

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109	Age-Related Differences in Biomarkers of Acute Inflammation During Hospitalization for Sepsis. Shock, 2014, 42, 99-107.	2.1	22
110	A Randomized Trial of Protocol-Based Care for Early Septic Shock. New England Journal of Medicine, 2014, 370, 1683-1693.	27.0	2,021
111	Soluble adhesion molecules as markers for sepsis and the potential pathophysiological discrepancy in neonates, children and adults. Critical Care, 2014, 18, 204.	5.8	125
112	Mitochondria Are Gate-keepers of T Cell Function by Producing the ATP That Drives Purinergic Signaling. Journal of Biological Chemistry, 2014, 289, 25936-25945.	3.4	86
113	Are Echocardiography, Telemetry, Ambulatory Electrocardiography Monitoring, and Cardiac Enzymes in Emergency Department Patients Presenting with Syncope UsefulÂTests? A Preliminary Investigation. Journal of Emergency Medicine, 2014, 47, 113-118.	0.7	52
114	Inflammatory and endothelial activation biomarkers and risk of sepsis: A nested case-control study. Journal of Critical Care, 2013, 28, 549-555.	2.2	46
115	The microcirculation image quality score: Development and preliminary evaluation of a proposed approach to grading quality of image acquisition for bedside videomicroscopy. Journal of Critical Care, 2013, 28, 913-917.	2.2	150
116	N-Acetylcysteine Plus Intravenous Fluids Versus Intravenous Fluids Alone to Prevent Contrast-Induced Nephropathy in Emergency Computed Tomography. Annals of Emergency Medicine, 2013, 62, 511-520.e25.	0.6	29
117	Sublingual microcirculation is impaired in post-cardiac arrest patients. Resuscitation, 2013, 84, 1717-1722.	3.0	40
118	Shock Index and Early Recognition of Sepsis in the Emergency Department: Pilot Study. Western Journal of Emergency Medicine, 2013, 14, 168-174.	1.1	186
119	A novel line detection method in space-time images for microvascular blood flow analysis in sublingual microcirculatory videos. , 2013, , .		5
120	Multicenter Observational Study of the Development of Progressive Organ Dysfunction and Therapeutic Interventions in Normotensive Sepsis Patients in the Emergency Department. Academic Emergency Medicine, 2013, 20, 433-440.	1.8	37
121	Biomarkers of Endothelial Cell Activation in Early Sepsis. Shock, 2013, 39, 427-432.	2.1	120
122	Whole Blood Lactate Kinetics in Patients Undergoing Quantitative Resuscitation for Severe Sepsis and Septic Shock. Chest, 2013, 143, 1548-1553.	0.8	125
123	Lactate clearance as a predictor of mortality in trauma patients. Journal of Trauma and Acute Care Surgery, 2013, 74, 999-1004.	2.1	160
124	Angiopoietin-2 may contribute to multiple organ dysfunction and death in sepsis*. Critical Care Medicine, 2012, 40, 3034-3041.	0.9	150
125	Adiponectin Diminishes Organ-Specific Microvascular Endothelial Cell Activation Associated With Sepsis. Shock, 2012, 37, 392-398.	2.1	22
126	Initial Management of Septic Patients with Hyperglycemia in the Noncritical Care Inpatient Setting. American Journal of Medicine, 2012, 125, 670-678.	1.5	32

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127	Abnormal Coagulation Tests Obtained in the Emergency Department are Associated with Mortality in Patients with Suspected Infection. Journal of Emergency Medicine, 2012, 42, 127-132.	0.7	15
128	Discordance between microcirculatory alterations and arterial pressure in patients with hemodynamic instability. Journal of Critical Care, 2012, 27, 531.e1-531.e7.	2.2	38
129	Impact of transfusion of autologous 7â€•versus 42â€dayâ€old ASâ€3 red blood cells on tissue oxygenation and the microcirculation in healthy volunteers. Transfusion, 2012, 52, 2459-2464.	1.6	25
130	Chronic Medical Conditions and Risk of Sepsis. PLoS ONE, 2012, 7, e48307.	2.5	114
131	The association of near-infrared spectroscopy-derived tissue oxygenation measurements with sepsis syndromes, organ dysfunction and mortality in emergency department patients with sepsis. Critical Care, 2011, 15, R223.	5.8	118
132	Outcomes of patients undergoing early sepsis resuscitation for cryptic shock compared with overt shock. Resuscitation, 2011, 82, 1289-1293.	3.0	112
133	Sepsis and the broken endothelium. Critical Care, 2011, 15, 135.	5.8	26
134	Endothelial Cell Activation in Emergency Department Patients with Sepsis-Related and Non-Sepsis-Related Hypotension. Shock, 2011, 36, 104-108.	2.1	55
135	Proof of principle: The predisposition, infection, response, organ failure sepsis staging system*. Critical Care Medicine, 2011, 39, 322-327.	0.9	155
136	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.	1.8	28
137	Vitamin D Insufficiency and Sepsis Severity in Emergency Department Patients With Suspected Infection. Academic Emergency Medicine, 2011, 18, 551-554.	1.8	85
138	Diabetes Is Not Associated With Increased Mortality in Emergency Department Patients With Sepsis. Annals of Emergency Medicine, 2011, 58, 438-444.	0.6	41
139	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. Annals of Emergency Medicine, 2011, 57, 291-295.	0.6	33
140	Opportunities for Emergency Medical Services care of sepsis. Resuscitation, 2010, 81, 193-197.	3.0	79
141	The Diagnostic Accuracy of Plasma Neutrophil Gelatinaseâ€“Associated Lipocalin in the Prediction of Acute Kidney Injury in Emergency Department Patients With Suspected Sepsis. Annals of Emergency Medicine, 2010, 56, 52-59.e1.	0.6	113
142	Identifying Infected Emergency Department Patients Admitted to the Hospital Ward at Risk of Clinical Deterioration and Intensive Care Unit Transfer. Academic Emergency Medicine, 2010, 17, 1080-1085.	1.8	54
143	Lactate Clearance vs Central Venous Oxygen Saturation as Goals of Early Sepsis Therapy<subtitle>A Randomized Clinical Trial</subtitle>. JAMA - Journal of the American Medical Association, 2010, 303, 739.	7.4	867
144	Leptin Exacerbates Sepsis-Mediated Morbidity and Mortality. Journal of Immunology, 2010, 185, 517-524.	0.8	63

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145	The association of endothelial cell signaling, severity of illness, and organ dysfunction in sepsis. Critical Care, 2010, 14, R182.	5.8	212
146	The Feasibility and Accuracy of Point-of-Care Lactate Measurement in Emergency Department Patients with Suspected Infection. Journal of Emergency Medicine, 2010, 39, 89-94.	0.7	64
147	Sepsis Syndromes. , 2010, , 1848-1858.		1
148	Skin Biopsies Demonstrate Site-Specific Endothelial Activation in Mouse Models of Sepsis. Journal of Vascular Research, 2009, 46, 495-502.	1.4	29
149	Evaluation of end-tidal carbon dioxide role in predicting elevated SOFA scores and lactic acidosis. Internal and Emergency Medicine, 2009, 4, 41-44.	2.0	35
150	The microcirculation as a diagnostic and therapeutic target in sepsis. Internal and Emergency Medicine, 2009, 4, 413-418.	2.0	32
151	Point-of-care assessment of microvascular blood flow in critically ill patients. Intensive Care Medicine, 2009, 35, 1761-1766.	8.2	61
152	Risk Factors for Death in Elderly Emergency Department Patients with Suspected Infection. Journal of the American Geriatrics Society, 2009, 57, 1184-1190.	2.6	23
153	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.	0.7	22
154	MULTICENTER STUDY OF EARLY LACTATE CLEARANCE AS A DETERMINANT OF SURVIVAL IN PATIENTS WITH PRESUMED SEPSIS. Shock, 2009, 32, 35-39.	2.1	322
155	A prospective, multicenter derivation of a biomarker panel to assess risk of organ dysfunction, shock, and death in emergency department patients with suspected sepsis. Critical Care Medicine, 2009, 37, 96-104.	0.9	208
156	Early increases in microcirculatory perfusion during protocol-directed resuscitation are associated with reduced multi-organ failure at 24Âh in patients with sepsis. Intensive Care Medicine, 2008, 34, 2210-2217.	8.2	414
157	Resuscitating the Microcirculation in Sepsis: The Central Role of Nitric Oxide, Emerging Concepts for Novel Therapies, and Challenges for Clinical Trials. Academic Emergency Medicine, 2008, 15, 399-413.	1.8	663
158	Who Needs a Blood Culture? A Prospectively Derived and Validated Prediction Rule. Journal of Emergency Medicine, 2008, 35, 255-264.	0.7	197
159	A PROSPECTIVE, OBSERVATIONAL STUDY OF SOLUBLE FLT-1 AND VASCULAR ENDOTHELIAL GROWTH FACTOR IN SEPSIS. Shock, 2008, 29, 452-457.	2.1	92
160	The costs and cost-effectiveness of an integrated sepsis treatment protocol. Critical Care Medicine, 2008, 36, 1168-1174.	0.9	127
161	Surviving sepsis outside the intensive care unit*. Critical Care Medicine, 2007, 35, 1422-1423.	0.9	9
162	Mortality in Emergency Department Sepsis (MEDS) score predicts 1-year mortality*. Critical Care Medicine, 2007, 35, 192-198.	0.9	127

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163	Simple triage scoring system predicting death and the need for critical care resources for use during epidemics. Critical Care Medicine, 2007, 35, 1251-1256.	0.9	138
164	National estimates of severe sepsis in United States emergency departments. Critical Care Medicine, 2007, 35, 1928-1936.	0.9	436
165	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. Academic Emergency Medicine, 2007, 14, 1072-1078.	1.8	46
166	Occult hypoperfusion and mortality in patients with suspected infection. Intensive Care Medicine, 2007, 33, 1892-1899.	8.2	315
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