

Nathan I Shapiro

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8860317/nathan-i-shapiro-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166
papers

11,594
citations

52
h-index

106
g-index

178
ext. papers

14,090
ext. citations

5.3
avg, IF

6.2
L-index

#	Paper	IF	Citations
166	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	5.9	39
165	Effectiveness of mRNA vaccines in preventing COVID-19 hospitalization by age and burden of chronic medical conditions among immunocompetent US adults, March-August 2021.. <i>Journal of Infectious Diseases</i> , 2021 ,	7	2
164	Association Between mRNA Vaccination and COVID-19 Hospitalization and Disease Severity. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 2043-2054	27.4	105
163	Examining pain among non-Hispanic Black and non-Hispanic White patients with cancer visiting emergency departments: CONCERN (Comprehensive Oncologic Emergencies Research Network). <i>Academic Emergency Medicine</i> , 2021 ,	3.4	
162	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	2.9	6
161	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	2.8	8
160	Modeling the impacts of clinical influenza testing on influenza vaccine effectiveness estimates. <i>Journal of Infectious Diseases</i> , 2021 ,	7	2
159	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 ⁵	11.6	1468 ⁵
158	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,	2.6	5
157	Adults Hospitalized With Coronavirus Disease 2019 (COVID-19)-United States, March-June and October-December 2020: Implications for the Potential Effects of COVID-19 Tier-1 Vaccination on Future Hospitalizations and Outcomes. <i>Clinical Infectious Diseases</i> , 2021 , 73, S32-S37	11.6	0
156	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	11.6	4
155	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	2.1	5
154	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	1.4	3
153	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	3.9	3
152	Effectiveness of SARS-CoV-2 mRNA Vaccines for Preventing Covid-19 Hospitalizations in the United States 2021 ,		17
151	Influenza vaccine acceptance and hesitancy among adults hospitalized with severe acute respiratory illnesses, United States 2019-2020. <i>Vaccine</i> , 2021 , 39, 5271-5276	4.1	2
150	Effectiveness of SARS-CoV-2 mRNA Vaccines for Preventing Covid-19 Hospitalizations in the United States. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	60

149	Effect of Early High-Dose Vitamin D3 Repletion on Cognitive Outcomes in Critically Ill Adults. <i>Chest</i> , 2021 , 160, 909-918	5.3	3
148	Tie2 activation protects against prothrombotic endothelial dysfunction in COVID-19. <i>JCI Insight</i> , 2021 , 6,	9.9	4
147	In Reply to Ivor Douglas Letter to the Editor 2021-1053. <i>Annals of Emergency Medicine</i> , 2021 , 78, 573	2.1	
146	Echocardiographic assessment of insulin-like growth factor binding protein-7 and early identification of acute heart failure. <i>ESC Heart Failure</i> , 2020 , 7, 1664-1675	3.7	6
145	Fluid-limiting treatment strategies among sepsis patients in the ICU: a retrospective causal analysis. <i>Critical Care</i> , 2020 , 24, 62	10.8	2
144	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 , 9, 12	2.8	8
143	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	3.4	7
142	Multiplexed Plasma Immune Mediator Signatures Can Differentiate Sepsis From NonInfective SIRS: American Surgical Association 2020 Annual Meeting Paper. <i>Annals of Surgery</i> , 2020 , 272, 604-610	7.8	3
141	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	1.6	4
140	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	2.9	9
139	The glycocalyx: a novel diagnostic and therapeutic target in sepsis. <i>Critical Care</i> , 2019 , 23, 16	10.8	224
138	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	1.4	35
137	Lipopolysaccharide suppresses T cells by generating extracellular ATP that impairs their mitochondrial function via P2Y11 receptors. <i>Journal of Biological Chemistry</i> , 2019 , 294, 6283-6293	5.4	14
136	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	3.7	9
135	Long-term Host Immune Response Trajectories Among Hospitalized Patients With Sepsis. <i>JAMA Network Open</i> , 2019 , 2, e198686	10.4	55
134	Intravenous fluid resuscitation is associated with septic endothelial glycocalyx degradation. <i>Critical Care</i> , 2019 , 23, 259	10.8	67
133	Validation of the Emergency Severity Index (Version 4) for the Triage of Adult Emergency Department Patients With Active Cancer. <i>Journal of Emergency Medicine</i> , 2019 , 57, 354-361	1.5	12
132	Plasma Peptidylarginine Deiminase IV Promotes VWF-Platelet String Formation and Accelerates Thrombosis After Vessel Injury. <i>Circulation Research</i> , 2019 , 125, 507-519	15.7	35

131	Predicting Prolonged Intensive Care Unit Stay Among Patients With Sepsis-Induced Hypotension. <i>American Journal of Critical Care</i> , 2019 , 28, e1-e7	1.7	2
130	Physician Judgment and Circulating Biomarkers Predict 28-Day Mortality in Emergency Department Patients. <i>Critical Care Medicine</i> , 2019 , 47, 1513-1521	1.4	7
129	Early High-Dose Vitamin D for Critically Ill, Vitamin D-Deficient Patients. <i>New England Journal of Medicine</i> , 2019 , 381, 2529-2540	59.2	107
128	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	1.5	5
127	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	4	26
126	Charge Reductions Associated With Shorter Time to Recovery in Septic Shock. <i>Chest</i> , 2019 , 155, 315-321	5.3	1
125	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	3.4	3
124	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	5.4	3
123	Comparison of Emergency Medicine Malpractice Cases Involving Residents to Nonresident Cases. <i>Academic Emergency Medicine</i> , 2018 , 25, 980-986	3.4	15
122	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	14.5	183
121	Association Between Early Hyperoxia Exposure After Resuscitation From Cardiac Arrest and Neurological Disability: Prospective Multicenter Protocol-Directed Cohort Study. <i>Circulation</i> , 2018 , 137, 2114-2124	16.7	95
120	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	1.5	7
119	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	2.1	74
118	Tie2 protects the vasculature against thrombus formation in systemic inflammation. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1471-1484	15.9	49
117	Preventing Hospitalization in Mild Acute Pancreatitis Using a Clinical Pathway in the Emergency Department. <i>Journal of Clinical Gastroenterology</i> , 2018 , 52, 734-741	3	15
116	Identification of Hypotensive Emergency Department Patients with Cardiogenic Etiologies. <i>Shock</i> , 2018 , 49, 131-136	3.4	6
115	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. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S589-S590	1	78
114	Machine Learning Algorithms for Classification of Microcirculation Images from Septic and Non-septic Patients 2018 ,		3

113	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	14.5	2
112	Microcirculatory perfusion disturbances in septic shock: results from the ProCESS trial. <i>Critical Care</i> , 2018 , 22, 308	10.8	32
111	Effect of Levocarnitine vs Placebo as an Adjunctive Treatment for Septic Shock: The Rapid Administration of Carnitine in Sepsis (RACE) Randomized Clinical Trial. <i>JAMA Network Open</i> , 2018 , 1, e186076	10.4	17
110	Validation of the REGARDS Severe Sepsis Risk Score. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	2
109	In vivo quantification of rolling and adhered leukocytes in human sepsis. <i>Critical Care</i> , 2018 , 22, 240	10.8	10
108	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	25
107	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	5.3	34
106	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	2.3	6
105	Endothelial Permeability and Hemostasis in Septic Shock: Results From the ProCESS Trial. <i>Chest</i> , 2017 , 152, 22-31	5.3	50
104	Defining the diagnostic value of hyperlipasemia for acute pancreatitis in the critically ill. <i>Pancreatology</i> , 2017 , 17, 176-181	3.8	8
103	Application of the Third International Consensus Definitions for Sepsis (Sepsis-3) Classification: a retrospective population-based cohort study. <i>Lancet Infectious Diseases</i> , 2017 , 17, 661-670	25.5	80
102	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	2.1	61
101	Risk of Intracranial Hemorrhage in Ground-level Fall With Antiplatelet or Anticoagulant Agents. <i>Academic Emergency Medicine</i> , 2017 , 24, 1258-1266	3.4	33
100	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	1.4	29
99	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	1.4	142
98	In reply. <i>Annals of Emergency Medicine</i> , 2017 , 70, 601	2.1	
97	Mildly elevated lactate levels are associated with microcirculatory flow abnormalities and increased mortality: a microSOAP post hoc analysis. <i>Critical Care</i> , 2017 , 21, 255	10.8	20
96	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	1.4	32

95	Review article: Sepsis in the emergency department - Part 1: Definitions and outcomes. <i>EMA - Emergency Medicine Australasia</i> , 2017 , 29, 619-625	1.5	16
94	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	1.5	9
93	Diagnostic Accuracy of FebriDx: A Rapid Test to Detect Immune Responses to Viral and Bacterial Upper Respiratory Infections. <i>Journal of Clinical Medicine</i> , 2017 , 6,	5.1	32
92	Serum Lactate Predicts Adverse Outcomes in Emergency Department Patients With and Without Infection. <i>Western Journal of Emergency Medicine</i> , 2017 , 18, 258-266	3.3	15
91	Creating an automated trigger for sepsis clinical decision support at emergency department triage using machine learning. <i>PLoS ONE</i> , 2017 , 12, e0174708	3.7	135
90	Association of Diabetes and Insulin Therapy With Risk of Hospitalization for Infection and 28-Day Mortality Risk. <i>Clinical Infectious Diseases</i> , 2017 , 64, 435-442	11.6	12
89	Chronic Statin Use and Long-Term Rates of Sepsis: A Population-Based Cohort Study. <i>Journal of Intensive Care Medicine</i> , 2016 , 31, 386-96	3.3	9
88	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, 217-22	1.5	8
87	Goal-Directed Resuscitation in Septic Shock: A Critical Analysis. <i>Clinics in Chest Medicine</i> , 2016 , 37, 231-9	5.3	5
86	Mitochondrial Dysfunction, Depleted Purinergic Signaling, and Defective T Cell Vigilance and Immune Defense. <i>Journal of Infectious Diseases</i> , 2016 , 213, 456-64	7	32
85	A guide to human in vivo microcirculatory flow image analysis. <i>Critical Care</i> , 2016 , 20, 35	10.8	65
84	Ligation of Glycophorin A Generates Reactive Oxygen Species Leading to Decreased Red Blood Cell Function. <i>PLoS ONE</i> , 2016 , 11, e0141206	3.7	12
83	The Utility of Inflammatory and Endothelial Markers to Identify Infection in Emergency Department Patients. <i>Shock</i> , 2016 , 46, 108-9	3.4	
82	Derivation of Novel Risk Prediction Scores for Community-Acquired Sepsis and Severe Sepsis. <i>Critical Care Medicine</i> , 2016 , 44, 1285-94	1.4	16
81	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, 331-41	3.4	12
80	Lactate Clearance in Septic Shock Is Not a Surrogate for Improved Microcirculatory Flow. <i>Academic Emergency Medicine</i> , 2016 , 23, 690-3	3.4	13
79	Discharge diagnoses versus medical record review in the identification of community-acquired sepsis. <i>Critical Care</i> , 2015 , 19, 42	10.8	20
78	Detection of microRNAs in patients with sepsis. <i>Journal of Acute Disease</i> , 2015 , 4, 101-106	0.9	13

77	Observation vs admission in syncope: can we predict short length of stays?. <i>American Journal of Emergency Medicine</i> , 2015 , 33, 1684-6	2.9	5
76	Hospital variations in severe sepsis mortality. <i>American Journal of Medical Quality</i> , 2015 , 30, 328-36	1.1	23
75	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.e1-5	4	26
74	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	2	27
73	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, 1059-66	3.3	9
72	International study on microcirculatory shock occurrence in acutely ill patients. <i>Critical Care Medicine</i> , 2015 , 43, 48-56	1.4	95
71	Systemic ATP Levels Suppress the Function of CD4+ T Cells in Sepsis by Impairing Autocrine Purinergic Signaling. <i>FASEB Journal</i> , 2015 , 29, 972.6	0.9	
70	A randomized trial of protocol-based care for early septic shock. <i>New England Journal of Medicine</i> , 2014 , 370, 1683-93	59.2	1575
69	Soluble adhesion molecules as markers for sepsis and the potential pathophysiological discrepancy in neonates, children and adults. <i>Critical Care</i> , 2014 , 18, 204	10.8	96
68	Mitochondria are gate-keepers of T cell function by producing the ATP that drives purinergic signaling. <i>Journal of Biological Chemistry</i> , 2014 , 289, 25936-45	5.4	64
67	Are echocardiography, telemetry, ambulatory electrocardiography monitoring, and cardiac enzymes in emergency department patients presenting with syncope useful tests? A preliminary investigation. <i>Journal of Emergency Medicine</i> , 2014 , 47, 113-8	1.5	43
66	1358Evaluating the Accuracy of Combining two Biomarkers to Differentiate Viral and/or Bacterial Immune Response in Patients with Acute Febrile Respiratory Infection. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S355-S356	1	
65	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, 853-7	3.4	39
64	The microcirculation is preserved in emergency department low-acuity sepsis patients without hypotension. <i>Academic Emergency Medicine</i> , 2014 , 21, 154-62	3.4	17
63	Age-related differences in biomarkers of acute inflammation during hospitalization for sepsis. <i>Shock</i> , 2014 , 42, 99-107	3.4	12
62	Inflammatory and endothelial activation biomarkers and risk of sepsis: a nested case-control study. <i>Journal of Critical Care</i> , 2013 , 28, 549-55	4	39
61	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, 913-7	4	102
60	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	2.1	24

59	Sublingual microcirculation is impaired in post-cardiac arrest patients. <i>Resuscitation</i> , 2013 , 84, 1717-22	4	31
58	Shock index and early recognition of sepsis in the emergency department: pilot study. <i>Western Journal of Emergency Medicine</i> , 2013 , 14, 168-74	3.3	139
57	2013 ,		2
56	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, 433-40	3.4	33
55	Biomarkers of endothelial cell activation in early sepsis. <i>Shock</i> , 2013 , 39, 427-32	3.4	98
54	Whole blood lactate kinetics in patients undergoing quantitative resuscitation for severe sepsis and septic shock. <i>Chest</i> , 2013 , 143, 1548-1553	5.3	103
53	Lactate clearance as a predictor of mortality in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 74, 999-1004	3.3	122
52	Impact of transfusion of autologous 7- versus 42-day-old AS-3 red blood cells on tissue oxygenation and the microcirculation in healthy volunteers. <i>Transfusion</i> , 2012 , 52, 2459-64	2.9	19
51	Initial management of septic patients with hyperglycemia in the noncritical care inpatient setting. <i>American Journal of Medicine</i> , 2012 , 125, 670-8	2.4	25
50	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, 127-32	1.5	12
49	Discordance between microcirculatory alterations and arterial pressure in patients with hemodynamic instability. <i>Journal of Critical Care</i> , 2012 , 27, 531.e1-7	4	29
48	Angiopietin-2 may contribute to multiple organ dysfunction and death in sepsis*. <i>Critical Care Medicine</i> , 2012 , 40, 3034-41	1.4	123
47	Adiponectin diminishes organ-specific microvascular endothelial cell activation associated with sepsis. <i>Shock</i> , 2012 , 37, 392-8	3.4	18
46	Chronic medical conditions and risk of sepsis. <i>PLoS ONE</i> , 2012 , 7, e48307	3.7	89
45	Outcomes of patients undergoing early sepsis resuscitation for cryptic shock compared with overt shock. <i>Resuscitation</i> , 2011 , 82, 1289-93	4	97
44	Sepsis and the broken endothelium. <i>Critical Care</i> , 2011 , 15, 135	10.8	17
43	Endothelial cell activation in emergency department patients with sepsis-related and non-sepsis-related hypotension. <i>Shock</i> , 2011 , 36, 104-8	3.4	44
42	Proof of principle: the predisposition, infection, response, organ failure sepsis staging system. <i>Critical Care Medicine</i> , 2011 , 39, 322-7	1.4	134

41	Relationship between B-type natriuretic peptide and adverse outcome in patients with clinical evidence of sepsis presenting to the emergency department. <i>Academic Emergency Medicine</i> , 2011 , 18, 219-22	3.4	27
40	Vitamin D insufficiency and sepsis severity in emergency department patients with suspected infection. <i>Academic Emergency Medicine</i> , 2011 , 18, 551-4	3.4	68
39	Diabetes is not associated with increased mortality in emergency department patients with sepsis. <i>Annals of Emergency Medicine</i> , 2011 , 58, 438-44	2.1	34
38	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	10.8	97
37	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, 291-5	2.1	28
36	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, 1080-5	3.4	46
35	Lactate clearance vs central venous oxygen saturation as goals of early sepsis therapy: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 739-46	27.4	686
34	Leptin exacerbates sepsis-mediated morbidity and mortality. <i>Journal of Immunology</i> , 2010 , 185, 517-24	5.3	51
33	The association of endothelial cell signaling, severity of illness, and organ dysfunction in sepsis. <i>Critical Care</i> , 2010 , 14, R182	10.8	171
32	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	1.5	53
31	Opportunities for Emergency Medical Services care of sepsis. <i>Resuscitation</i> , 2010 , 81, 193-7	4	67
30	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	2.1	99
29	Sepsis Syndromes 2010 , 1848-1858		1
28	Skin biopsies demonstrate site-specific endothelial activation in mouse models of sepsis. <i>Journal of Vascular Research</i> , 2009 , 46, 495-502	1.9	25
27	Evaluation of end-tidal carbon dioxide role in predicting elevated SOFA scores and lactic acidosis. <i>Internal and Emergency Medicine</i> , 2009 , 4, 41-4	3.7	27
26	The microcirculation as a diagnostic and therapeutic target in sepsis. <i>Internal and Emergency Medicine</i> , 2009 , 4, 413-8	3.7	25
25	Point-of-care assessment of microvascular blood flow in critically ill patients. <i>Intensive Care Medicine</i> , 2009 , 35, 1761-6	14.5	58
24	Risk factors for death in elderly emergency department patients with suspected infection. <i>Journal of the American Geriatrics Society</i> , 2009 , 57, 1184-90	5.6	22

23	Anion gap as a screening tool for elevated lactate in patients with an increased risk of developing sepsis in the Emergency Department. <i>Journal of Emergency Medicine</i> , 2009 , 36, 391-4	1.5	16
22	Multicenter study of early lactate clearance as a determinant of survival in patients with presumed sepsis. <i>Shock</i> , 2009 , 32, 35-9	3.4	259
21	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	1.4	173
20	Who needs a blood culture? A prospectively derived and validated prediction rule. <i>Journal of Emergency Medicine</i> , 2008 , 35, 255-64	1.5	131
19	A prospective, observational study of soluble FLT-1 and vascular endothelial growth factor in sepsis. <i>Shock</i> , 2008 , 29, 452-7	3.4	82
18	The costs and cost-effectiveness of an integrated sepsis treatment protocol. <i>Critical Care Medicine</i> , 2008 , 36, 1168-74	1.4	91
17	Early increases in microcirculatory perfusion during protocol-directed resuscitation are associated with reduced multi-organ failure at 24 h in patients with sepsis. <i>Intensive Care Medicine</i> , 2008 , 34, 2210-7	14.5	352
16	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	3.4	619
15	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	3.4	45
14	Occult hypoperfusion and mortality in patients with suspected infection. <i>Intensive Care Medicine</i> , 2007 , 33, 1892-9	14.5	263
13	Surviving sepsis outside the intensive care unit. <i>Critical Care Medicine</i> , 2007 , 35, 1422-3	1.4	8
12	Mortality in Emergency Department Sepsis (MEDS) score predicts 1-year mortality. <i>Critical Care Medicine</i> , 2007 , 35, 192-8	1.4	105
11	Simple triage scoring system predicting death and the need for critical care resources for use during epidemics. <i>Critical Care Medicine</i> , 2007 , 35, 1251-6	1.4	116
10	National estimates of severe sepsis in United States emergency departments. <i>Critical Care Medicine</i> , 2007 , 35, 1928-36	1.4	361
9	Implementation and outcomes of the Multiple Urgent Sepsis Therapies (MUST) protocol. <i>Critical Care Medicine</i> , 2006 , 34, 1025-32	1.4	336
8	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, 583-90, 590.e1	2.1	159
7	Charlson Index is associated with one-year mortality in emergency department patients with suspected infection. <i>Academic Emergency Medicine</i> , 2006 , 13, 530-6	3.4	98
6	Barriers to the use of outpatient enoxaparin therapy in patients with deep venous thrombosis. <i>American Journal of Emergency Medicine</i> , 2005 , 23, 30-4	2.9	6

5	Serum lactate as a predictor of mortality in emergency department patients with infection. <i>Annals of Emergency Medicine</i> , 2005 , 45, 524-8	2.1	517
4	A blueprint for a sepsis protocol. <i>Academic Emergency Medicine</i> , 2005 , 12, 352-9	3.4	26
3	Establishing a Comprehensive, Evidence-based Protocol for the Care of Patients with Sepsis - In Reply. <i>Academic Emergency Medicine</i> , 2005 , 12, 914-914	3.4	
2	Mortality in Emergency Department Sepsis (MEDS) score: a prospectively derived and validated clinical prediction rule. <i>Critical Care Medicine</i> , 2003 , 31, 670-5	1.4	416
1	Isolated prehospital hypotension after traumatic injuries: a predictor of mortality?. <i>Journal of Emergency Medicine</i> , 2003 , 25, 175-9	1.5	34