

Christopher W Seymour

List of Publications by Citations

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78
papers

11,539
citations

34
h-index

85
g-index

85
ext. papers

15,901
ext. citations

12.2
avg, IF

6.13
L-index

#	Paper	IF	Citations
78	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Intensive Care Medicine</i> , 2017 , 43, 304-377	14	3195
77	Assessment of Clinical Criteria for Sepsis: For the Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 762-74	26.8	1779
76	Developing a New Definition and Assessing New Clinical Criteria for Septic Shock: For the Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 775-87	26.8	1083
75	Global, regional, and national sepsis incidence and mortality, 1990-2017: analysis for the Global Burden of Disease Study. <i>Lancet, The</i> , 2020 , 395, 200-211	36.2	993
74	Time to Treatment and Mortality during Mandated Emergency Care for Sepsis. <i>New England Journal of Medicine</i> , 2017 , 376, 2235-2244	57.2	874
73	Incidence and Trends of Sepsis in US Hospitals Using Clinical vs Claims Data, 2009-2014. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 1241-1249	26.8	742
72	Derivation, Validation, and Potential Treatment Implications of Novel Clinical Phenotypes for Sepsis. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 2003-2017	26.8	359
71	Severe sepsis in pre-hospital emergency care: analysis of incidence, care, and outcome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 1264-71	9.7	235
70	Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021 , 385, 777-789	57.2	200
69	Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021 , 385, 790-802	57.2	179
68	Association Between the New York Sepsis Care Mandate and In-Hospital Mortality for Pediatric Sepsis. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 358-367	26.8	130
67	Critical care bed growth in the United States. A comparison of regional and national trends. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 410-6	9.7	113
66	Prediction of critical illness during out-of-hospital emergency care. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 747-54	26.8	111
65	Current Murine Models of Sepsis. <i>Surgical Infections</i> , 2016 , 17, 385-93	1.9	104
64	Association of the Quick Sequential (Sepsis-Related) Organ Failure Assessment (qSOFA) Score With Excess Hospital Mortality in Adults With Suspected Infection in Low- and Middle-Income Countries. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 2202-2211	26.8	103
63	The global burden of sepsis: barriers and potential solutions. <i>Critical Care</i> , 2018 , 22, 232	10.5	98
62	Septic Shock: Advances in Diagnosis and Treatment. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 708-17	26.8	86

61	Hospital-level variation in the use of intensive care. <i>Health Services Research</i> , 2012 , 47, 2060-80	3.3	84
60	Metabolomics in pneumonia and sepsis: an analysis of the GenIMS cohort study. <i>Intensive Care Medicine</i> , 2013 , 39, 1423-34	14	71
59	Delays From First Medical Contact to Antibiotic Administration for Sepsis. <i>Critical Care Medicine</i> , 2017 , 45, 759-765	1.3	72
58	Mortality Changes Associated with Mandated Public Reporting for Sepsis. The Results of the New York State Initiative. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1406-1412	9.7	73
57	Precision medicine for all? Challenges and opportunities for a precision medicine approach to critical illness. <i>Critical Care</i> , 2017 , 21, 257	10.5	60
56	Prehospital intravenous access and fluid resuscitation in severe sepsis: an observational cohort study. <i>Critical Care</i> , 2014 , 18, 533	10.5	59
55	Improved Early Detection of Sepsis in the ED With a Novel Monocyte Distribution Width Biomarker. <i>Chest</i> , 2017 , 152, 518-526	1.2	58
54	The burden of influenza-associated critical illness hospitalizations. <i>Critical Care Medicine</i> , 2014 , 42, 2325-33	3.3	51
53	Diurnal sedative changes during intensive care: impact on liberation from mechanical ventilation and delirium. <i>Critical Care Medicine</i> , 2012 , 40, 2788-96	1.3	51
52	Out-of-hospital fluid in severe sepsis: effect on early resuscitation in the emergency department. <i>Prehospital Emergency Care</i> , 2010 , 14, 145-52	2.7	49
51	Application of a Framework to Assess the Usefulness of Alternative Sepsis Criteria. <i>Critical Care Medicine</i> , 2016 , 44, e122-30	1.3	51
50	Sepsis Surveillance Using Adult Sepsis Events Simplified eSOFA Criteria Versus Sepsis-3 Sequential Organ Failure Assessment Criteria. <i>Critical Care Medicine</i> , 2019 , 47, 307-314	1.3	48
49	Out-of-hospital characteristics and care of patients with severe sepsis: a cohort study. <i>Journal of Critical Care</i> , 2010 , 25, 553-62	3.9	44
48	Hospital-level variation in ICU admission and critical care procedures for patients hospitalized for pulmonary embolism. <i>Chest</i> , 2014 , 146, 1452-1461	1.2	45
47	The epidemiology and outcome of prehospital respiratory distress. <i>Academic Emergency Medicine</i> , 2014 , 21, 543-50	3.3	43
46	Marital status and the epidemiology and outcomes of sepsis. <i>Chest</i> , 2010 , 137, 1289-96	1.2	43
45	Patterns of Opioid Administration Among Opioid-Naive Inpatients and Associations With Postdischarge Opioid Use: A Cohort Study. <i>Annals of Internal Medicine</i> , 2019 , 171, 81-90	7.8	39
44	Comparing the validity of different ICD coding abstraction strategies for sepsis case identification in German claims data. <i>PLoS ONE</i> , 2018 , 13, e0198847	3.6	31

43	Reporting of Sepsis Cases for Performance Measurement Versus for Reimbursement in New York State. <i>Critical Care Medicine</i> , 2018 , 46, 666-673	1.3	28
42	Variation in Identifying Sepsis and Organ Dysfunction Using Administrative Versus Electronic Clinical Data and Impact on Hospital Outcome Comparisons. <i>Critical Care Medicine</i> , 2019 , 47, 493-500	1.3	30
41	Use of Biotelemetry to Define Physiology-Based Deterioration Thresholds in a Murine Cecal Ligation and Puncture Model of Sepsis. <i>Critical Care Medicine</i> , 2016 , 44, e420-31	1.3	29
40	Impact of Bamlanivimab Monoclonal Antibody Treatment on Hospitalization and Mortality Among Nonhospitalized Adults With Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab254	0.9	28
39	Effect of Convalescent Plasma on Organ Support-Free Days in Critically Ill Patients With COVID-19: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1690-1702	26.8	29
38	Geographic access to high capability severe acute respiratory failure centers in the United States. <i>PLoS ONE</i> , 2014 , 9, e94057	3.6	26
37	Arguing for Adaptive Clinical Trials in Sepsis. <i>Frontiers in Immunology</i> , 2018 , 9, 1502	8.2	27
36	Prehospital systolic blood pressure thresholds: a community-based outcomes study. <i>Academic Emergency Medicine</i> , 2013 , 20, 597-604	3.3	25
35	Pre-resuscitation lactate and hospital mortality in prehospital patients. <i>Prehospital Emergency Care</i> , 2014 , 18, 321-7	2.7	24
34	Sepsis Subclasses: A Framework for Development and Interpretation. <i>Critical Care Medicine</i> , 2021 , 49, 748-759	1.3	23
33	Prompt Administration of Antibiotics and Fluids in the Treatment of Sepsis: A Murine Trial. <i>Critical Care Medicine</i> , 2018 , 46, e426-e434	1.3	22
32	Understanding of sepsis among emergency medical services: a survey study. <i>Journal of Emergency Medicine</i> , 2012 , 42, 666-77	1.2	22
31	Children with Chronic Disease Bear the Highest Burden of Pediatric Sepsis. <i>Journal of Pediatrics</i> , 2018 , 199, 194-199.e1	3.5	17
30	Improving risk classification of critical illness with biomarkers: a simulation study. <i>Journal of Critical Care</i> , 2013 , 28, 541-8	3.9	16
29	Intravenous access during out-of-hospital emergency care of noninjured patients: a population-based outcome study. <i>Annals of Emergency Medicine</i> , 2012 , 59, 296-303	1.3	17
28	Temperature and time stability of whole blood lactate: implications for feasibility of pre-hospital measurement. <i>BMC Research Notes</i> , 2011 , 4, 169	2.2	15
27	Precision Medicine for COVID-19: Phenotype Anarchy or Promise Realized?. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 2041-2042	26.8	17
26	External validation of a prehospital risk score for critical illness. <i>Critical Care</i> , 2016 , 20, 255	10.5	12

25	Effects of Physician-targeted Pay for Performance on Use of Spontaneous Breathing Trials in Mechanically Ventilated Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 56-63	9.7	11
24	Evaluation of Repeated Quick Sepsis-Related Organ Failure Assessment Measurements Among Patients With Suspected Infection. <i>Critical Care Medicine</i> , 2018 , 46, 1906-1913	1.3	9
23	Murine sepsis phenotypes and differential treatment effects in a randomized trial of prompt antibiotics and fluids. <i>Critical Care</i> , 2019 , 23, 384	10.5	8
22	Creating an infrastructure for comparative effectiveness research in emergency medical services. <i>Academic Emergency Medicine</i> , 2014 , 21, 599-607	3.3	7
21	A road map from single-cell transcriptome to patient classification for the immune response to trauma. <i>JCI Insight</i> , 2021 , 6,	9.6	7
20	Addressing the growth in intensive care: comment on "Intensive care unit admitting patterns in the Veterans Affairs health care system". <i>Archives of Internal Medicine</i> , 2012 , 172, 1226		6
19	Sensible Medicine-Balancing Intervention and Inaction During the COVID-19 Pandemic. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1827-1828	26.8	9
18	The UPMC OPTIMISE-C19 (OPTimizing Treatment and Impact of Monoclonal antibodyS through Evaluation for COVID-19) trial: a structured summary of a study protocol for an open-label, pragmatic, comparative effectiveness platform trial with response-adaptive randomization. <i>Trials</i> , 2021 , 22, 363	2.7	6
17	County-Level Effects of Prehospital Regionalization of Critically Ill Patients: A Simulation Study. <i>Critical Care Medicine</i> , 2015 , 43, 1807-15	1.3	6
16	Accuracy of Prehospital Intravenous Fluid Volume Measurement by Emergency Medical Services. <i>Prehospital Emergency Care</i> , 2016 , 20, 125-31	2.7	4
15	Prehospital identification of community sepsis using biomarkers of host response. <i>Intensive Care Medicine</i> , 2020 , 46, 823-824	14	3
14	Feasibility of Embedding a Scalable, Virtually Enabled Biorepository in the Electronic Health Record for Precision Medicine. <i>JAMA Network Open</i> , 2021 , 4, e2037739	10.1	3
13	Clinical Criteria to Identify Patients With Sepsis--Reply. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 454	26.8	3
12	Epidemiology of Sepsis Among Adolescents at Community Hospital Emergency Departments: Implications for Regulatory Regulations. <i>JAMA Pediatrics</i> , 2017 , 171, 1011-1012	8	2
11	Validity of the qSOFA Score in Low- and Middle-Income Countries-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2039-2040	26.8	2
10	Identifying Sepsis Phenotypes-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1417-1418	26.8	1
9	1659. Variation in Identifying Sepsis and Organ Dysfunction Using Administrative Versus Clinical Data and Impact on Hospital Outcome Comparisons. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S49-S50	0.9	1
8	Sepsis Bundles and Mortality Among Pediatric Patients-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2271-2272	26.8	

7	Association Between Intravenous Fluid Bolus and Biomarker Trajectory During Prehospital Care. <i>Prehospital Emergency Care</i> , 2020 , 24, 196-203	2.7	
6	Developing a shared sepsis data infrastructure: a systematic review and concept map to FHIR.. <i>Npj Digital Medicine</i> , 2022 , 5, 44	15.2	○
5	Consensus Current Procedural Terminology Code Definition of Source Control for Sepsis.. <i>Journal of Surgical Research</i> , 2022 , 275, 327-335	2.4	○
4	Revising Host Phenotypes of Sepsis Using Microbiology. <i>Frontiers in Medicine</i> , 2021 , 8, 775511	4.7	○
3	Launching a comparative effectiveness adaptive platform trial of monoclonal antibodies for COVID-19 in 21 days.. <i>Contemporary Clinical Trials</i> , 2021 , 113, 106652	2.2	○
2	Novel Trial Design in Sepsis 2018 , 217-230		
1	Reply. Severe sepsis: stay and play or scoop and run?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 513-4	9.7	